



HOSELINE, INC.
1619 PARK COMMERCE COURT
ST. CLOUD FL 34769
(407) 892-2599
FAX Local (407) 892-8143 Toll Free 800-892- 8143
email: sales@hoseline.com



Mural Located at Hoseline, Inc

1619 Park Commerce Court
St. Cloud FL 34769

PHONE 407-892-2599

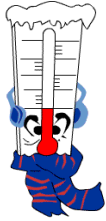
Website: www.hoseline.com, E-Mail: Sales@hoseline.com

FAX 407-892-8143 – Local

FAX 800-892-8143 – Toll Free

***Air Conditioning and Heating Units Specialist
Custom A/C Hoses, Fittings, and Accessories***

2011



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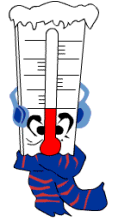
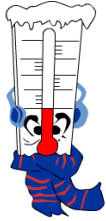


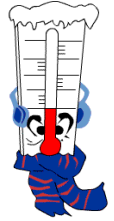
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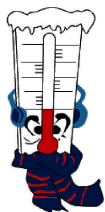
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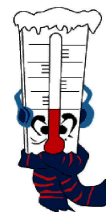
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KEY CODES:

ACHU (AIR CONDITIONING HEAT UNIT) (VARIOUS STYLES)

BMC (BOTTOM MOUNT CONDENSER)

TMC (TOP MOUNT CONDENSER)

COMP (COMPRESSOR)

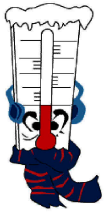
BRKT (BRACKET)

ADDITIONAL COMP & BRKT IS OFTEN REFERRED TO AS "HOT WEATHER PACKAGE"

EXAMPLE:

COMPANY ABC AMBULANCE WITH A FORD TYPE I WITH 1131I UNIT: **ABC351-1131L**

<u>PART NO.</u>	<u>MAKE OF TRUCK</u>	<u>COMPONENTS</u>
351	FORD TYPE I	ACHU UNIT
501	FORD TYPE I	ACHU UNIT w/BMC
601	FORD TYPE I	ACHU UNIT w/TMC
801	FORD TYPE I	ACHU UNIT w/BMC, COMP, BRKT
901	FORD TYPE I	ACHU UNIT w/TMC, COMP, BRKT
352	FORD TYPE II	ACHU UNIT
353	FORD TYPE III	ACHU UNIT
503	FORD TYPE III	ACHU UNIT w/BMC
603	FORD TYPE III	ACHU UNIT w/TMC
803	FORD TYPE III	ACHU UNIT w/BMC, COMP, BRKT
903	FORD TYPE III	ACHU UNIT w/TMC, COMP, BRKT
225	CHEVY TYPE I	ACHU UNIT
225	CHEVY TYPE I	ACHU UNIT w/One shot
335	CHEVY TYPE I	ACHU UNIT w/BMC
435	CHEVY TYPE I	ACHU UNIT w/TMC
535	CHEVY TYPE I	ACHU UNIT w/BMC, COMP, BRKT
635	CHEVY TYPE I	ACHU UNIT w/TMC, COMP, BRKT
226	CHEVY TYPE II	ACHU UNIT
226	CHEVY TYPE II	ACHU UNIT w/One shot
336	CHEVY TYPE II	ACHU UNIT w/BMC



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227	CHEVY TYPE III	ACHU UNIT
227	CHEVY TYPE III	ACHU UNIT w/One shot
337	CHEVY TYPE III	ACHU UNIT w/BMC
437	CHEVY TYPE III	ACHU UNIT w/TMC
537	CHEVY TYPE III	ACHU UNIT w/BMC, COMP, BRKT
637	CHEVY TYPE III	ACHU UNIT w/TMC, COMP, BRKT
124	DODGE TYPE I	ACHU UNIT
234	DODGE TYPE I	ACHU UNIT w/BMC
344	DODGE TYPE I	ACHU UNIT w/TMC
444	DODGE TYPE I	ACHU UNIT w/BMC, COMP, BRKT
554	DODGE TYPE I	ACHU UNIT w/TMC, COMP, BRKT
125	DODGE TYPE II	ACHU UNIT
235	DODGE TYPE II	ACHU UNIT W/BMC
126	DODGE TYPE III	ACHU UNIT
236	DODGE TYPE III	ACHU UNIT w/BMC
346	DODGE TYPE III	ACHU UNIT w/TMC
456	DODGE TYPE III	ACHU UNIT w/BMC, COMP, BRKT
566	DODGE TYPE III	ACHU UNIT w/TMC, COMP, BRKT
145	SPRINTER TYPE II	ACHU UNIT
245	SPRINTER TYPE II	ACHU UNIT W/BMC
345	SPRINTER TYPE II	ACHU UNIT W/BMC, COMP, BRKT

FREIGHTLINER & INTERNATIONAL CHASSIS
(ADDITIONAL INFO MUST BE PROVIDED – SEE ENCLOSED SHEETS)

920	FREIGHTLINER	ACHU UNIT
921	FREIGHTLINER	ACHU UNIT w/BMC
922	FREIGHTLINER	ACHU UNIT w/TMC
927	FREIGHTLINER	ACHU UNIT w/BMC, COMP, BRKT
929	FREIGHTLINER	ACHU UNIT w/TMC, COMP, BRKT
971	INTERNATIONAL	ACHU UNIT
973	INTERNATIONAL	ACHU UNIT w/BMC
975	INTERNATIONAL	ACHU UNIT w/TMC
977	INTERNATIONAL	ACHU UNIT w/BMC, COMP, BRKT
979	INTERNATIONAL	ACHU UNIT w/TMC, COMP, BRKT



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As the leader and coordinator of a life and property protection organization you deserve to have the best and most reliable equipment available to accomplish **your** goals and responsibilities.

As you know your specifications as to what manufacturer's equipment is installed on your rescue vehicle is both necessary and vital to obtain **your** goals.

We at Hoseline, Inc. would like to help you achieve **your** goals.

BID SPEC ORDERING INFORMATION

TO OBTAIN GENUINE HOSELINE, INC. PARTS AND SYSTEMS: you must spec, Hoseline, Inc. – Systems and parts. PART NUMBERS, SYSTEM NUMBERS AND DESCRIPTIONS CAN BE TAKEN FROM THIS CATALOG. (REFER TO THE FOLLOWING [2] PAGES AND PAGES 1 through 14. IF YOU HAVE A PROBLEM CALL or email (see top of page) HOSELINE, INC. FOR ASSISTANCE.



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CUSTOMER INFORMATION SHEET: LEFT or RIGHT HAND CORE

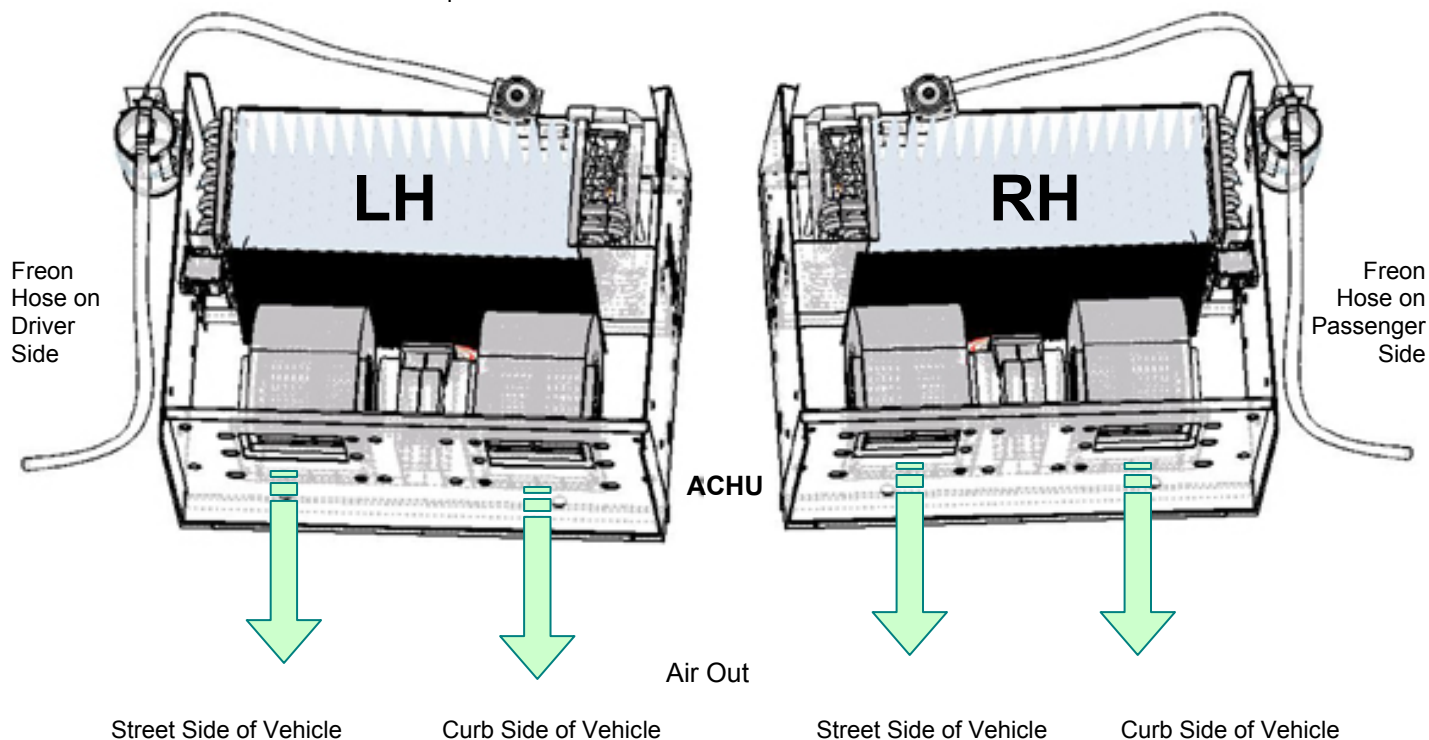
LEFT CORE: LOOKING AT THE BLOWER SIDE OF THE A/C UNIT AND THE FREON HOSES RUN UP THE DRIVERS SIDE OF THE VEHICLE THEN YOU NEED A LEFT CORE.

RIGHT CORE: LOOKING AT THE BLOWER SIDE OF THE A/C UNIT AND THE FREON HOSES RUN UP THE PASSENGER SIDE OF THE VEHICLE THEN YOU NEED A RIGHT CORE.

FACING BLOWER SIDE OF A/C UNIT

Connects in Back of A/C Unit

Expansion Valve/Water & A/C Lines at Back of A/C Unit



Signature

DATE

**PURCHASER/INSTALLER SIGNATURE
MUST BE FAXED TO COMPLETE ORDER**



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DEAR CUSTOMER:

HOSELINE, INC. WILL NEED THE FOLLOWING INFORMATION FURNISHED TO PROCESS YOUR ORDER.
THIS WILL ALLOW US TO DETERMINE THE HOSES, FITTINGS MISCELLANEOUS PART THAT YOUR CUSTOMER
WILL NEED FOR THE 12 VOLT AND THE 110 VOLT SIDES OF THE SYSTEM.

PLEASE RETURN THIS INFORMATION BY FAX: (800- 892- 8143) AS SOON AS POSSIBLE SO THAT WE
CAN PROCEED WITH YOUR ORDER. THIS INFORMATION MUST BE RETURNED TO HOSELINE, INC. BEFORE
HOSELINE, INC. CAN PROCESS YOUR ORDER !!

1. MODEL AND YEAR OF CHASSIS: _____

1A. WHAT TYPE OF CONDENSER WILL YOU NEED ? BOTTOM MOUNT (BMC1006), _____

BOTTOM MOUNT DUAL (BMC1006 DC) _____

2. Engine Size: (cubic inch) _____ (Liter size) _____

3. WITH OR WITHOUT FACTORY AIR. _____

4. HOSE LENGTHS FOR 12 VOLT HOOKUP (ALL SIZE HOSES):

(1) #6 HOSE: _____

(2) # 8 HOSE: _____

(3) # 8 HOSES _____

(4) #10 HOSES _____

TOP MOUNT(TMC2004)single _____

TOP Mount (TMC2004 DUAL) _____

TOP Mount (TMC2005)single _____

TOP MOUNT (TMC2005)DUAL _____

TOP Mount (TMC2007)single _____

TOP Mount (TMC2007) Dual _____

NOTE: FREIGHTLINER AND INTERNATIONAL TRUCKS
AND SOME FORDS MAY REQUIRE (TWO) NO.8
HOSES ON SECOND CONDENSERS.

5. HOSE LENGTHS FOR 110 VOLT HOOK UP (ALL HOSE SIZES)

90 DEGREE/PORT FROM CONDENSER TO A/C UNIT 90 DEGREE AT DRYER # 6 _____

STRAIGHT FITTING/ WITH PORT FROM COMPRESSOR TO 90 DEGREE AT CONDENSER # 8 _____

90 DEGREE FITTING FROM A/C UNIT TO 90 DEGREE FITTING/ WITH PORT AT COMPRESSOR # 10 _____

90 DEGREE FITTING FROM DRYER TO STRAIGHT FITTING AT A/C UNIT #6 _____

*** ON FREIGHTLINER AND INTERNATIONAL YOU WILL NEED TO SELECT WATER SHUTOFF PARTS.**

PLEASE BE AWARE: THESE PARTS ARE NOT INCLUDED IN THE PRICE OF THE SYSTEM!

1. GP 200 _____

2. GP 400 _____

3. VACUUM PUMP _____

EWP 12 v-5/8" _____
4. EWP 12 v-3/4" _____

THE SHEET NAMED DUAL MOUNT DRIVE SYSTEMS FOR FREIGHTLINER OR INTERNATIONAL TRUCKS
REQUIRING HOT WEATHER PACKAGE. MUST ALSO BE RETURNED WITH THE HOSE INFORMATION SHEETS.

① HOW LONG DO THE WIRES NEED TO BE FROM THE ELECTRIC BOX TO THE SHORELINE POWER RECEPTACLE IN THE TRUCK ? _____ FEET

② HOW LONG DO THE WIRES NEED TO BE FROM THE ELECTRIC BOX TO THE COMPRESSOR ? _____ FEET

③ HOW LONG DO THE WIRES NEED TO BE FROM THE ELECTRIC BOX TO THE HEATER/ EVAPORATOR UNIT ? _____ FEET

④ HOW LONG DO THE WIRES NEED TO BE FROM ELECTRIC BOX TO CONDENSER / FANS ? _____ FEET

⑤ HOW LONG DO THE WIRES NEED TO BE FROM THE ELECTRIC BOX TO THE THERMOSTAT ? _____ FEET

⑥ HOW LONG DO THE WIRES NEED TO BE FROM ELECTRIC BOX TO CONVERTER ? _____ FEET



NOTE: CONVERTER DIMENSION:

LENGTH 9 5/8" X WIDTH 6 1/8" HEIGHT 3 5/8"

WEIGHT: 5.6 LBS.

CUSTINFOA..CDR LA

06/09/04

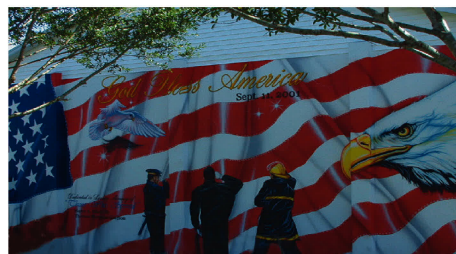


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407-892-2599 FAX (800)-892-8143

WWW.HOSELINE.COM E-MAIL: sales@hoseline.com



Dear Customer:

Ref: Faxing in orders

MURAL AT HOSELINE, INC.

To determine the information on the product to be ordered the model number and serial number is helpful and will expedite your order.

The model number and serial number is located on the A/C heat unit. On typical overhead, blow out the front A/C heat units this information is located directly behind the face plate where the air blows out.

Please Fax us the model and serial number and your company information and we will process your order. If you cannot locate the model/serial number call us. We will be happy to assist you.

If you do not have an account set up with Hoseline, Inc we have a credit application in our catalog or a copy can be printed out from our website www.hoseline.com

Complete the application and fax it to us on our toll free fax 1-800-892-8143 (local 407-892-8143). Approval of the credit applications normally takes 3 to 5 days.

Note: If product is needed sooner: a credit card may be used.

For your convenience you can use this form for your Faxed information

YOU MUST OBTAIN THE SEPARATE FORM FOR CREDIT APPLICATION

1. Unit model number serial number

Description of Part Needed: Dyer,Expansion Valve etc...

[illegible]

FOR UPS NOTIFICATION OF SHIPMENTS YOU MUST INCLUDE YOUR COMPANY E-MAIL

2. Company Name:

3. Company Address : City _____ State _____

(Shipping address) Street Address:

Zip Code:

4. Company: Phone: Fax Email:

5. Name of Contact Person at your company:

Contact Persons Phone	EXT.	Cell Phone
-----------------------	------	------------

Email:

Customerinfob.cdr
06/9/04 | A



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12 MONTH WARRANTY

**A/C, Heating Units
and Hose Specialist**

and

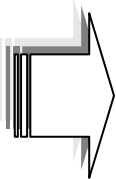
A/C,

**Heating Units
Hose Specialist**

THIS WARRANTY IS FOR 110V or 110/12 VOLT SYSTEMS ONLY

HOSELINE, INC. warrants each 110V or 110/12 Volt system to be free from defects in workmanship and materials under normal use and operation for a period of one (1) year beginning with the date Hoseline, Inc. ships the product to Hoseline's immediate customer. *This warranty is given only to Corporations or other businesses which are Hoseline, Inc.'s immediate customers and which purchase heaters and air conditioners for installation or resale.*

This warranty shall not apply to any product which shall not have been installed in accordance with the manufacturer's instructions for installation and operation, nor to any products which have been repaired or altered outside of the manufacturer's factory in anyway, so as, in manufacturer's judgment to affect its stability, or reliability, nor which has been subject to misuse, negligence or accident. Nor shall Hoseline, Inc.'s warranty apply in case of accidental damage to the finish or components, abuse, misuse, flood, fire or if the serial number is missing, altered or defaced. Hoseline, Inc. is in no way responsible for labor charges or any loss of time, equipment rental or other expense incurred in the field, without written authorization from Hoseline, Inc. nor for damages to persons or property resulting from the use of its products.



**LABOR CHARGES WILL NOT BE HONORED WITHOUT PRIOR WRITTEN
AUTHORIZATION FROM HOSELINE, INC. and THE RETURN OF CLAIMED
DEFECTIVE PART. WARRANTY IS NULL and VOID IF PROCEDURES ARE
NOT FOLLOWED**

Hoseline, Inc.'s obligations under this warranty are as follows:

Upon return of unit Hoseline, Inc. will repair or replace at no cost to the original purchaser, Material and/or workmanship determined to have been defective within the warranty period.

Claims will be honored only upon determination that claim is covered by warranty and must be asserted by contacting:

HOSELINE, INC.

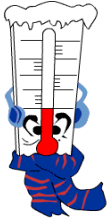
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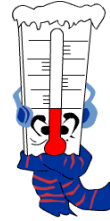
NOTE: This warranty does not cover drive kit parts furnished by others.

**THIS WARRANTY SUPERCEDES ALL OTHER
WARRANTIES FOR 110/ 12 VOLT SYSTEMS.**



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ATTENTION INSTALLERS

12 Volt Only

NOTICE: THIS WARRANTY SUPERCEDES ALL OTHER WARRANTIES BY HOSELINE, INC.

WARRANTY CHANGE NOTIFICATION

THREE YEARS and/or 36,000 MILES

!!!!!!(ALL PARTS REPLACED SEPARATE FROM UNIT ARE WARRANTED FOR ONE YEAR ONLY)!!!!

TO OBTAIN WARRANTY

1) W ARRANTY CARD MUST BE RETURNED WITH THE FOLLOWING INFORMATION TO HOSELINE, INC. AND A COPY TO THE CUSTOMER OF THE VEHICLE ALL INFORMATION MUST BE COMPLETE

- A) V.I.N. (VEHICLE IDENTIFICATION NUMBER)
- B) HOSELINE, INC. MODEL NUMBER OF A/C UNIT
- C) HOSELINE, INC. SERIAL NUMBER OF A/C UNIT
- D) IN SERVICE DATE OF VEHICLE



2) YOU MUST RETURN THE WARRANTY CARD TO HOSELINE, INC.

3) PLACE A COPY OF THE WARRANTY CARD IN THE OWNERS MANUAL PACKET FOR THE VEHICLE
4) THE THIRD COPY OF THE WARRANTY CARD SHALL BE RETAINED AT THE INSTALLERS LOCATION



5) **HOSELINE, INC. MUST BE CONTACTED BEFORE ANY WORK IS STARTED**



PLEASE READ VERY IMPORTANT INFORMATION – MUST READ INFORMATION

IF THE WARRANTY CARD IS NOT RETURNED TO HOSELINE, INC. WITH ALL INFORMATION REQUESTED AND IF THE V.I.N. NUMBER, MODEL NUMBER and SERIAL NUMBER DO NOT MATCH

THE 3 YEAR 36,000 MILE WARRANTY WILL BE VOIDED AND ANY WARRANTY COVERAGE WILL BE FOR ONLY ONE YEAR FROM THE DATE BASED ON THE SERIAL NUMBER OF THE DATE OF SALE.

HOSELINE, INC.

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TO OBTAIN 3 YEARS WARRANTY ON BLOWER AND EVAPORATOR CORE ONLY: ***

⇒ **HOSELINE, INC. MUST BE CONTACTED BEFORE ANY WORK IS STARTED**

HOSELINE, INC. WARRANTY CARD 3-YEAR/36000 MILES

- A) VEHICLE IDENTIFICATION NUMBER (V.I.N.) _____
- B) HOSELINE, INC. MODEL NUMBER OF A/C UNIT _____
- C) HOSELINE, INC. SERIAL NUMBER OF A/C UNIT _____
- D) IN SERVICE DATE OF VEHICLE _____



REMEMBER... CALL HOSELINE FIRST.

- IF WARRANTY CARD IS NOT RETURNED, NO 3-YEAR /36000 MILE WARRANTY.
- WARRANTY WILL REVERT TO 1-YEAR FROM THE DATE BASED ON THE SERIAL NUMBER OF THE DATE OF SALE.

AUTHORIZED SIGNATURE: _____, INSTALLER

CARD MUST BE FILLED OUT & MAILED ON DAY OF INSTALLATION

white copy - Retailer yellow copy - Owner bottom copy - Hoseline, Inc.

***Hoseline Inc. responsible for ground freight shipping charges only. One year labor covered by submitting a pre-estimate of reasonable and customary charges for approval. Original parts must be returned.



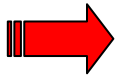
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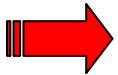
APPLICATION FOR CREDIT: Must send State Sales Certificate!!!!

We wish to open an account with your company and submit the following information to enable you to obtain a credit history for that purpose.



PLEASE INCLUDE VENDOR's FAX NUMBERS TO SPEED PROCESS

FIRM NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE _____ FAX _____



YOUR COMPANY EMAIL : _____

Type of Business _____ **State _____ Tax # _____
Fed Tax No _____ Corp _____ Partnership _____
Proprietorship _____ Years Established _____ Date of Incorporation _____

Principals (Names of Officers or Owners)

Position _____
Position _____
Position _____

TRADE REFERENCES

1. NAME _____ ACCOUNT # _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE _____ **FAX** _____
2. NAME _____ ACCOUNT # _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE _____ **FAX** _____
3. NAME _____ ACCOUNT # _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE _____ **FAX** _____
4. NAME _____ ACCOUNT # _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE _____ **FAX** _____

BANK INFORMATION:

NAME _____ ACCOUNT # _____
CITY _____ STATE _____ ZIP _____
PHONE _____ **FAX** _____

SUBMITTED BY _____ DATE _____



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MURAL AT HOSELINE, INC.

DEAR CUSTOMER: HOSELINE, INC. MUST HAVE FURNISHED TO THEM THE FOLLOWING INFORMATION BEFORE HOSELINE, INC. CAN PROCESS YOUR ORDER!

TRUCK WORKSHEET- VEHICLE INFORMATION

- TYPE of Bracket Kit ☐ Type A: Without factory A/C adding (1) compressor to OEM location.
- ☐ Type B: With factory A/C adding a second compressor
- ☐ Type C: Without factory A/C adding two (2) compressors.

Year Of Vehicle	Make Of Vehicle	Model Of Vehicle
# of Cylinders	Engine #	
Liter Size / CID of Engine		
WITH OR WITHOUT FACTORY A/C _____		
Standard or Power Brakes _____	Air Brakes ? Yes or No	
Standard or Power Steering _____		
Conventional or Tilt cab ? _____		
TYPE OF OEM COMPRESSOR (S)		
ALTERNATOR (TYPE) ? _____		
SINGLE _____ OR DUAL _____		
ALT. Make and Model _____		
Smog or Air Pump ? _____		
What type of Engine Clutch Do You have on the Vehicle ? _____		
Electric _____	Other _____	Please Explain _____
Horton _____		
Viscous _____	Air _____	

SPECIAL COMMENTS, INFORMATION OR REQUESTS:



AIR CONDITIONING HEATING UNITS

ACHU 1100

Description: **12 Volt**

Available in, Regular, Super and SDC cores Right or Left hand

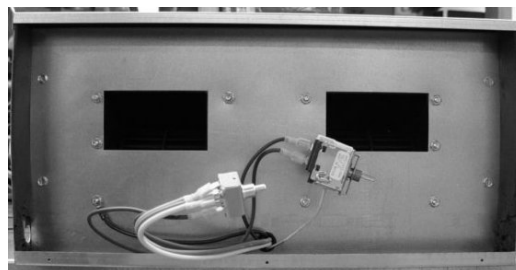
A/C BTU = 30,000 2 1/2 Ton **CFM 580**

2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular and Super 5/8 - SDC 3/4

SDC core improve Heat BTU and performance

Air blows out the front



Blower Motor removable from front.

Dimensions: regular core W 18³/₄" x H 9" x D 15¹/₄"
Super and SDC core W 18³/₄" x H 9" x D 17¹/₂"

Temperature, A/C, heat and fan controls are located on the four louver faceplate with decals.



ACHU 1103

Description: **12 Volt**

Available in, Regular, Super and SDC cores Right or Left hand

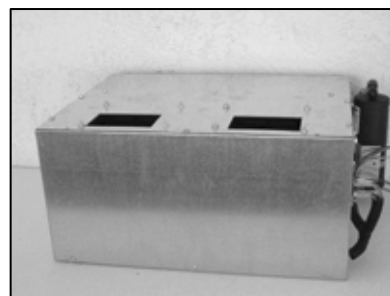
A/C BTU = 30,000 2 1/2 Ton **CFM 580**

2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular and Super 5/8 - SDC 3/4

SDC core improve Heat BTU and performance

Updraft unit – air blows out the top. Adaptable with duct hose attachments.



Blower Motor removable from top.

Dimensions: regular core W 18³/₄" x H 9" x D 15¹/₄"
Super and SDC core W 18³/₄" x H 9" x D 17¹/₂"

ACHU 1106

Description: **12 Volt**

Available in, Regular, Super and SDC cores Right or Left hand

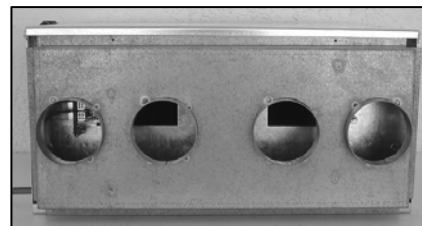
A/C BTU = 30,000 2 1/2 Ton **CFM 580**

2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular and Super 5/8 - SDC 3/4

SDC core improve Heat BTU and performance

Unit has plate for four adaptable air duct hoses



Blower Motor removable from front.

Dimensions: regular core W 18³/₄" x H 9" x D 16 ³/₄"
Super and SDC core W 18³/₄" x H 9" x D 18¹/₂"



AIR CONDITIONING HEATING UNITS

ACHU 1108

Description: **12 Volt**

Available in, Regular core Right or Left hand

A/C BTU = 30,000 2 1/2 Ton **CFM 310**

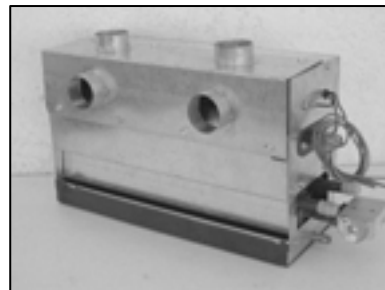
2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular 5/8

BLOWER MOTOR REMOVABLE FROM FRONT

DESIGNED FOR TIGHT SPACES.

AIR BLOWS OUT TOP AND FRONT.



Dimensions: W 18 $\frac{3}{4}$ " x H 12" x D 8 $\frac{1}{4}$ "

ACHU 1118

Description: **12 Volt**

Available in, Regular, Super and SDC cores Right or Left hand

A/C BTU = 30,000 2 1/2 Ton **CFM 580**

2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular and Super 5/8 - SDC $\frac{3}{4}$

SDC core improve Heat BTU and performance

Stacked Updraft unit – air blows out the top. Adaptable with duct hose attachments.



Dimensions: W 18 $\frac{5}{8}$ " x H 15" x D 11"

BLOWER UNIT MOTOR REMOVABLE FROM TOP

ACHU 1121

Description: **12 Volt**

Available in, Regular and Super cores Right or Left hand

A/C BTU = 30,000 2 1/2 Ton **CFM 580**

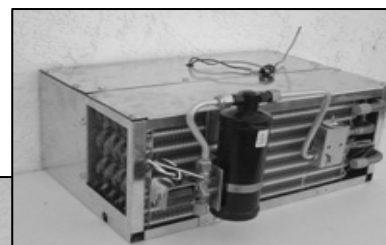
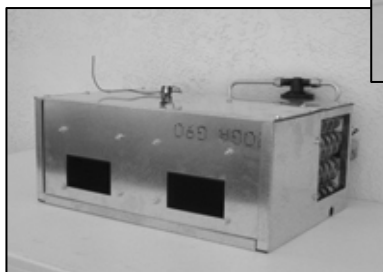
2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular and Super 5/8

Air blows out the front.

THIS UNIT HAS NO DRAIN PAN

BLOWER MOTOR REMOVABLE FROM FRONT



Dimensions
W 18 $\frac{3}{4}$ " x H 8 $\frac{1}{4}$ " x D 15 $\frac{1}{4}$ "



AIR CONDITIONING HEATING UNITS

ACHU 1122

Description: **12 Volt**

Available in, Regular core Right or Left hand

A/C BTU = 30,000 2 1/2 Ton **CFM 580**

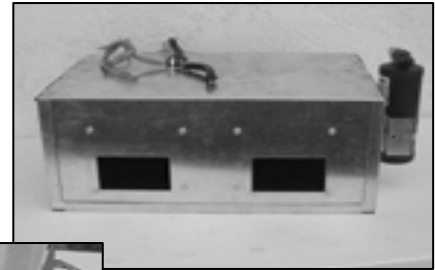
2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular 5/8

Air blows out the front.

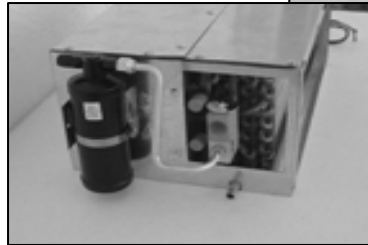
Note: *1122 IS MODIFIED 1121 WITH A DRAIN PAN*

Drain tube is out the side of unit



Dimensions:
W 18³/₄" x H 8¹/₄" x D 15¹/₄"

BLOWER MOTOR REMOVABLE FROM FRONT



ACHU 1128

Description: **12 Volt**

Available in, Regular and SDC cores Right or Left hand

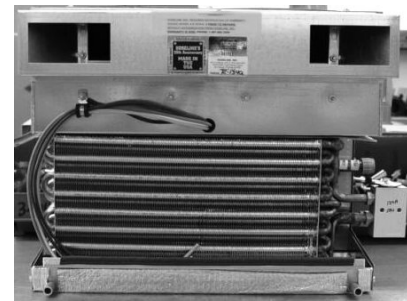
A/C BTU = 30,000 2 1/2 Ton **CFM 580**

2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular 5/8 and SDC 3/4

SDC core improve Heat BTU and performance

Stacked Unit - Air blows out the front



BLOWER MOTOR IS REMOVABLE FROM FRONT

Dimensions: W 18³/₄" x H 15³/₄" x D 13"

ACHU 1131

Description: **12 Volt**

Available in, Regular, Super and SDC cores Right or Left hand

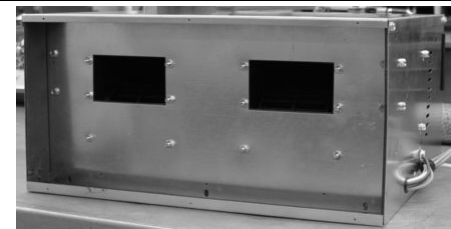
A/C BTU = 30,000 2 1/2 Ton **CFM 580**

2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular and Super 5/8 - SDC 3/4

SDC core improve Heat BTU and performance

Air blows out the front



Dimensions: regular core W 18³/₄" x H 9" x D 15¹/₄"
Super and SDC core W 18³/₄" x H 9" x D 17¹/₂"

BLOWER MOTOR IS REMOVABLE FROM FRONT

Uses 5 Louver faceplate

Part No. 1100-2



AIR CONDITIONING HEATING UNITS

ACHU 1131DD (DOWN DRAFT)

Description: **12 Volt**

Available in, Regular, Super and SDC cores Right or Left hand

A/C BTU = 30,000 2 1/2 Ton **CFM 580**

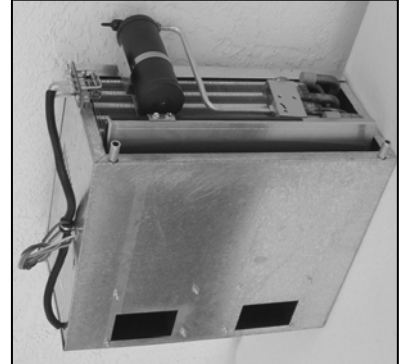
2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular and Super 5/8 - SDC 3/4

SDC core improve Heat BTU and performance

**THIS UNIT IS SIMILAR TO THE ACHU 1131 BUT
HAS THE AIR BLOWING DOWN FROM THE BOTTOM OF THE UNIT.**

Blower Motor is removable from the front



Dimensions: All cores W 18³/₄" x H 9" x D 17¹/₂"

ACHU 1132

Description: **12 Volt**

Available in, Regular, Super and SDC cores Right or Left hand

A/C BTU = 30,000 2 1/2 Ton **CFM 650**

2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular and Super 5/8 - SDC 3/4

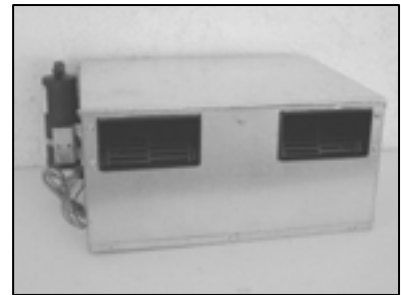
SDC core improve Heat BTU and performance

Air blows out the front

This unit uses a larger Blower BH-1600 650 CFM

Blower Motor is removable from the front
15¹/₄"

Uses 5 Louver faceplate



Dimensions: regular core W 18³/₄" x H 9" x D

Super and SDC core W 18³/₄" x H 9" x D 17¹/₂"

ACHU 1133

Description: **12 Volt**

Available in, Regular, Super and SDC cores Right or Left hand

A/C BTU = 30,000 2 1/2 Ton **CFM 650**

2nd condenser will improve A/C performance

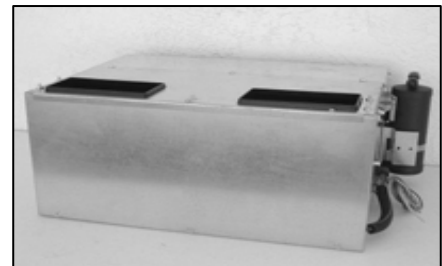
Heat BTU = 36,000+ Regular and Super 5/8 - SDC 3/4

SDC core improve Heat BTU and performance

Updraft unit – air blows out the top. Adaptable with
duct hose attachments.

This unit uses a larger Blower BH-1600 650 CFM

Blower Motor is removable from the top



Dimensions: regular core W 18³/₄" x H 9" x D 15¹/₄"

Super and SDC core W 18³/₄" x H 9" x D 17¹/₂"



AIR CONDITIONING HEATING UNITS

ACHU 1138

Description: **12 Volt**

Available in, Regular core Right or Left hand

A/C BTU = 30,000 2 1/2 Ton **CFM 310**

2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular 5/8

Air blows out the top. Unit is adaptable with duct hose attachments.



BLOWER MOTOR REMOVABLE FROM FRONT

Dimensions: W 17 1/4"
H 15 3/16" (includes baffles)
D 9 7/16"

ACHU 1148

Description: **12 Volt**

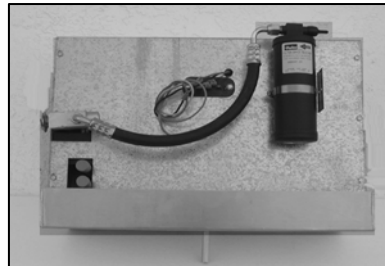
Available in, Regular core

A/C BTU = 30,000 2 1/2 Ton **CFM 580**

2nd condenser will improve A/C performance

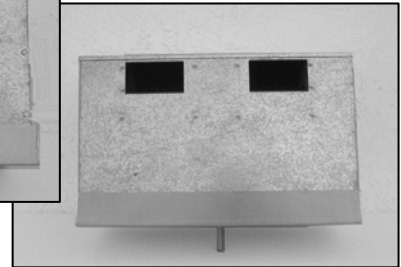
Heat BTU = 36,000+ Regular 5/8

A/C hookups are located on the back of unit. Air Blows out the front. Units drains from the bottom center of drain pan.



Dimensions

W 19 1/2" x H 9 3/8" x D 11 1/8"



BLOWER MOTOR REMOVABLE BY REMOVING THE TOP AND FRONT PANELS

ACHU 1151-Chic style

Description: **12 Volt**

Available in, Regular, Super and SDC cores Right or Left hand

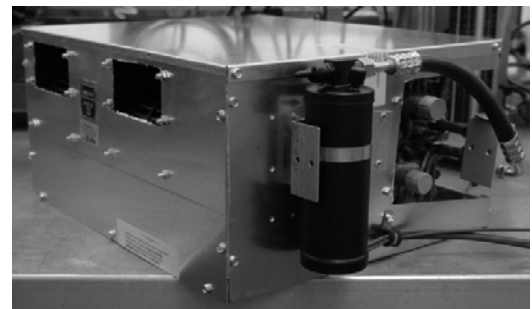
A/C BTU = 30,000 2 1/2 Ton **CFM 580**

2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular and Super 5/8 - SDC 3/4

SDC core improve Heat BTU and performance

Air blows out the front of unit. Unit uses a left or right offset blower



BLOWER MOTOR REMOVABLE FROM FRONT



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AIR CONDITIONING HEATING UNITS

ACHU 1151

Description: **12 Volt**

Available in, Regular, Super and SDC cores Right or Left hand

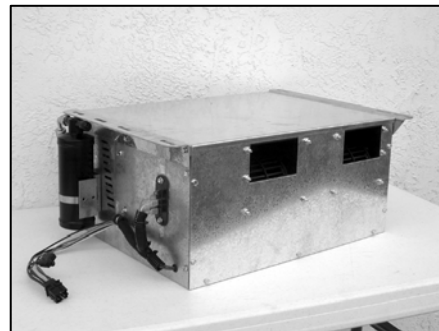
A/C BTU = 30,000 2 1/2 Ton **CFM 580**

2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular and Super 5/8 - SDC 3/4

SDC core improve Heat BTU and performance

Air blows out the front of unit. Unit uses a left or right offset blower



BLOWER MOTOR REMOVABLE FROM FRONT

Dimensions: regular core W 18³/₄" x H 9" x D 15¹/₄"
Super and SDC core W 18³/₄" x H 9" x D 17¹/₂"

ACHU 1158

Description: **12 Volt**

Available in, Regular, Super and SDC cores Right or Left hand

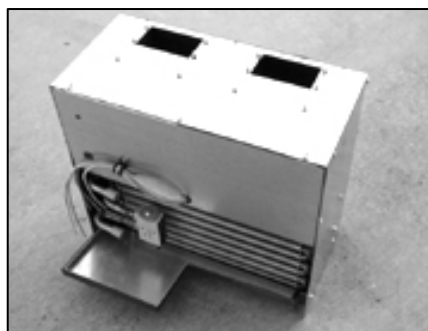
A/C BTU = 30,000 2 1/2 Ton **CFM 580**

2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular and Super 5/8 - SDC 3/4

SDC core improve Heat BTU and performance

Stacked Updraft unit – air blows out the top. Adaptable with duct hose attachments.



BLOWER MOTOR REMOVABLE FROM TOP

Dimensions: W 19 ¹/₄" x H 17"
Depth including drain pan: Top 9 ¹/₄"
Right Side 14 ³/₈" Left Side 12 ¹/₂"

ACHU 1161

Description: **12 Volt**

Available in, Regular core Right or Left hand

A/C BTU = 30,000 2 1/2 Ton **310 CFM per**

Blower 620 CFM total

2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular 5/8

Air blows out the front. This unit uses two blowers

Dimensions

W 32" x H 5 ¹/₂" x D 12"



**BLOWER MOTORS REMOVABLE
BY REMOVING COVER**

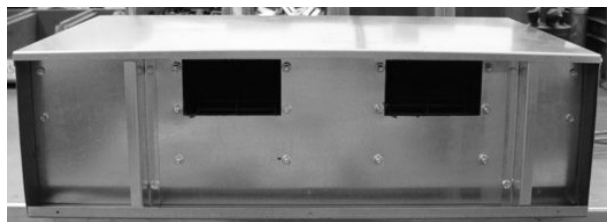
Unit also available in Heat Only.



AIR CONDITIONING HEATING UNITS

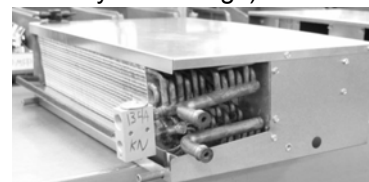
ACHU 1162

Description: **12 Volt**
Available SDC, Right hand only
A/C BTU = 30,000 2 1/2 Ton CFM 580
2nd condenser will improve A/C performance
Heat BTU = 36,000+ SDC 3/4
SDC core improve Heat BTU and performance
Air blows out the front



Dimensions: W 26" x H 71/8" x D 17 7/8"
(dose not include Dryer or fittings)

Blower Motor Removable from front



ACHU 3003 (SHORT DEPTH)

Description: **12 Volt**
Available in, Super and SDC cores Right or Left hand
A/C BTU = 30,000 2 1/2 Ton CFM 580
2nd condenser will improve A/C performance
Heat BTU = 36,000+ Super 5/8 - SDC 3/4
SDC core improve Heat BTU and performance
Updraft unit – air blows out the top. Adaptable with
duct hose attachments.



Dimensions: Regular, Super and SDC Cores
W 15" x H 9" x D 15"

Blower Motor Removable from Top

ACHU 3018 (SHORT DEPTH)

Description: **12 Volt**
Available in, Super core Right or Left hand
A/C BTU = 30,000 2 1/2 Ton CFM 580
2nd condenser will improve A/C performance
Heat BTU = 36,000+ Super 5/8
Stacked Updraft unit – air blows out the top. Adaptable with
duct hose attachments.

Dimensions W 15 1/8" (includes Drain
Pan/Fittings) x H 10 1/2"
(includes Dryer/Fittings) x D 14 5/8"

BLOWER MOTOR REMOVED FROM TOP





AIR CONDITIONING HEATING UNITS

ACHU 3031 (SHORT DEPTH)

Description: **12 Volt**

Available in, Super and SDC cores Right or Left hand

A/C BTU = 30,000 2 1/2 Ton **CFM 580**

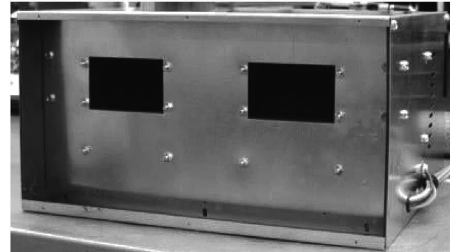
2nd condenser will improve A/C performance

Heat BTU = 36,000+ Super 5/8 - SDC 3/4

SDC core improve Heat BTU and performance

Air blows out the front

Dimensions
W 15" x H 9" x
D 16 1/2" (includes Drain Pan/Fittings)



BLOWER MOTOR REMOVED FROM FRONT

8000-CM3000 SYSTEM

Description: **12 Volt**

Available in, Regular, Super and SDC cores Right or Left hand

A/C BTU = 30,000 2 1/2 Ton **CFM 580**

2nd condenser will improve A/C performance

Heat BTU = 36,000+ Regular and Super 5/8 - SDC 3/4

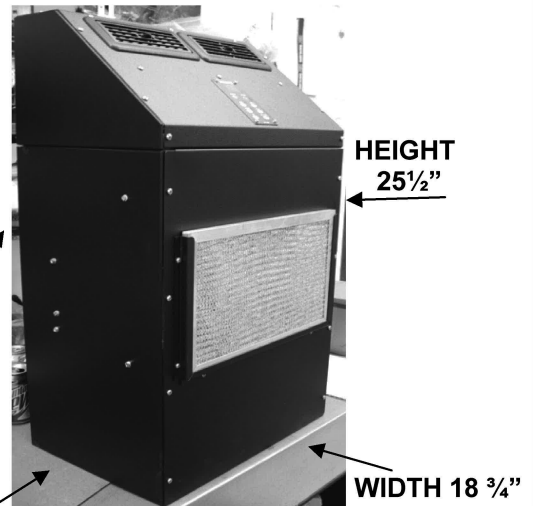
SDC core improve Heat BTU and performance

This unit uses the CM3000/RCB-3000S digital thermostat system

Filter 15 3/4 x 10 3/4 x 18 1/2

HEIGHT
33 1/8"

DEPTH 13 3/4"



1128 Extended Hepa filter unit

Description: **12 Volt**

Available in, SDC core Left hand

A/C BTU = 30,000 2 1/2 Ton **CFM 580**

2nd condenser will improve A/C performance

Heat BTU = 36,000+ SDC 3/4

SDC core improve Heat BTU and performance

Air blows out the front



L 21" H 15 3/4" D 13 1/4"



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HEAT ONLY UNITS

HU1108 HEAT UNIT

SPECIFICATIONS: **12 Volt**

HEAT: 36,000+ BTU depending on vehicle water flow

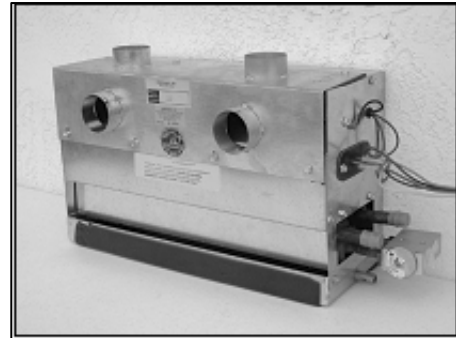
Uses 5/8" heater tubes

CFM: 310

Air blows out the top and front

DESIGNED FOR TIGHT PLACES

AVAILABLE WITH LEFT or RIGHT HAND CORE



Dimensions:

Width 20½" (including fittings)

Height 12" (including air ducts)

Depth 8 1/4 " (including air ducts)

HU1800 HEAT UNIT

SPECIFICATIONS: **12 Volt**

HEAT: 36,000+ BTU depending on vehicle water flow

Uses 5/8" heater tubes

CFM: 580

AIR BLOWS OUT THE TOP SIDE USING AIR DEFLECTORS.

AVAILABLE WITH LEFT or RIGHT HAND CORE



Dimensions:

W 15" x H 8" x D 11 3/4"

HU2800 HEAT UNIT

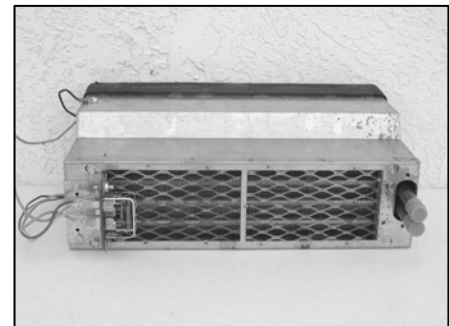
Description: **12 Volt**

Heat BTU: 36,000+ depending on vehicle water flow

CFM: 310

Uses 5/8" heater tubes

Air Blows out front



Dimensions:

Width 16 1/4"

Height 5 1/2"

Depth 9 3/8" (includes fittings)



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HEAT ONLY UNITS

HU2800 HEATER UNIT (110-12v)

Description: **110-12 Volt**

110 Volt heat strip: 1.5KW (1 PHASE)

AT 120 VOLTS, 12.5 AMPS 5,120 BTU

Heat BTU: 36,000+ depending on vehicle water flow

CFM: 310

Uses 5/8" heater tubes

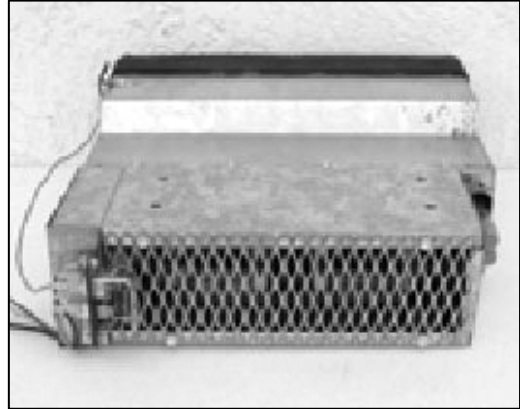
Air Blows out front

Dimensions:

WIDTH: 15 5/8"

HEIGHT: 9 1/8"

DEPTH: 14 1/4"



HU3800 HEATER UNIT

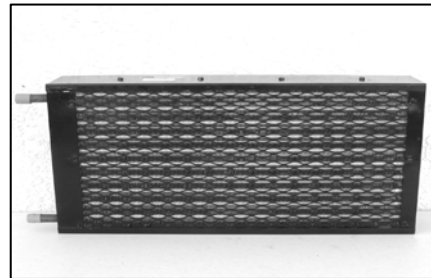
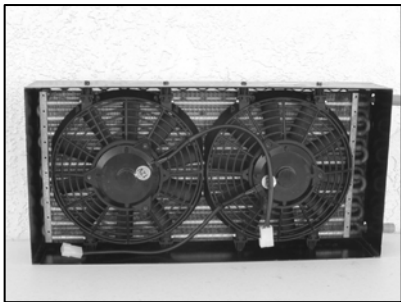
SPECIFICATIONS: **12 Volt**

9" PUSHER FANS (2) CFM: 1330

HEAT: 36,000+ BTU depending on vehicle water flow

Uses 5/8" heater tubes

VIEW OF FAN



SIDEVIEW OF FAN

DIMENSIONS: WIDTH: 22 1/4" HEIGHT 11"
DEPTH 4"

HU4800 HEATER UNIT

SPECIFICATIONS: **12 V**

HEAT: 36,000+ BTU depending on vehicle water flow

Uses 5/8" heater tubes

CFM: 580

Air blows out front

NOTE:

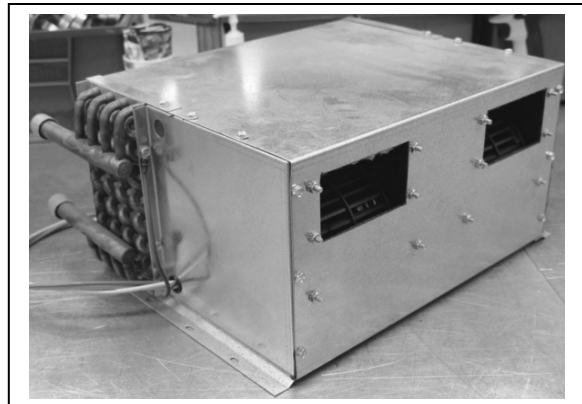
FEET CAN BE ATTACHED TO BOTTOM or TOP OF UNIT.

DIMENSIONS:

WIDTH 17 1/2" including feet)

HEIGHT 8 1/2 "

DEPTH 15 " (includes fittings)





HEAT ONLY UNITS

HU4900 HEATER UNIT

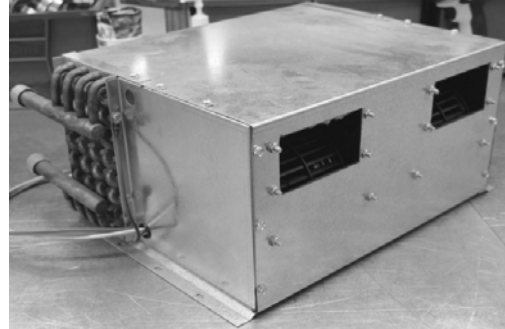
SPECIFICATIONS: 12 Volt

HEAT: 36,000+ BTU depending on vehicle water flow

Uses 3/4" heater tubes

CFM: 580

Air blows out front



NOTE:

FEET CAN BE ATTACHED TO BOTTOM or TOP OF UNIT.

DIMENSIONS:

WIDTH 17 1/2" including feet)

HIGHT 8 1/2 "

DEPTH 15 " (includes fittings)

HU5100 HEATER UNIT

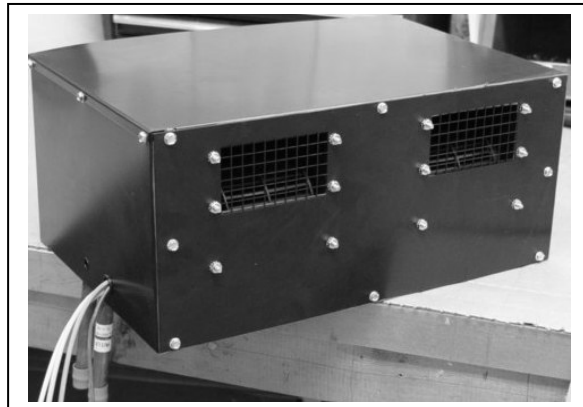
SPECIFICATIONS: 12 Volt

HEAT: 36,000+ BTU depending on vehicle water flow

Uses 5/8" heater tubes

CFM: 580

Air blows out front



DIMENSIONS:

WIDTH 17 3/4"

HEIGHT 13 1/4" (Includes the heater tubes 5")

DEPTH 12 1/2"

HU6800 HEATER UNIT

SPECIFICATIONS: 12 Volt

HEAT: 36,000+ BTU depending on vehicle water flow

Uses 3/4" heater tubes

CFM: 580

DESCRIPTION:

TOP AIR VENTS 3:, ADAPTABLE TO 3" DUCT HOSE

FRONT BEZELS PART No. 10.153.02 -OUR

STANDARD FACE PLATE BEZEL

VENTED AIRFLOW THROUGH SYSTEM END VENTS

CAN BE CLOSED or OPEN



DIMENSIONS:

WIDTH 7 3/4"

HEIGHT 12 1/2" (includes duct outlets)

DEPTH 22 1/2" (includes end vents & fittings)



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MODEL NUMBER & OPTIONS SHEET

NOTE: ALL UNITS AVAILABE FOR 220 VOLTS and 50 or 60 HERTZ

PATENT # US 6,543,240 B2

2000 SERIES 110-12 VOLT COMBO UNITS [STANDARD DEPTH SERIES 24½"]

MODEL	Heat Strip 1.75KW @ 120V 14.5 AMPS 5973 BTU	Heat Strip 2.69KW @ 120V 22 AMPS 9180 BTU	110-12 Volt Converter	Hot Weather Package ☀	CM3000 with RCB-3 Thermo	12V or 110V Bottom Mount Cond	110- 12V Bottom Mount Cond Dual	12V Top Mount Cond	12V Top Mount Cond Dual	110V Comp Brkt and Fan	Elec Cont Box
2000C	No Heat Strip	No Heat Strip	X		X	X				X	X
2000CB	No Heat Strip	No Heat Strip	X		X	XX				X	X
2000CDC	No Heat Strip	No Heat Strip	X		X		X			X	X
2000CT	No Heat Strip	No Heat Strip	X		X	X		X		X	X
2000TCT	No Heat Strip	No Heat Strip	X		X			XX		X	X
2000CT-Dual	No Heat Strip	No Heat Strip	X		X				X	X	X
2015C	X		X		X	X				X	X
2015CB	X		X		X	XX				X	X
2015CDC	X		X		X		X			X	X
2015CT	X		X		X	X		X		X	X
2015TCT	X		X		X			XX		X	X
2015CT-Dual	X		X		X				X	X	X
2025C		X	X		X	X				X	X
2025CB		X	X		X	XX				X	X
2025CDC		X	X		X		X			X	X
2025CT		X	X		X	X		X		X	X
2025TCT		X	X		X			XX		X	X
2025CT-Dual		X	X		X				X	X	X
2030CB	No Heat Strip	No Heat Strip	X	X	X	XX				X	X
2030CDC	No Heat Strip	No Heat Strip	X	X	X		X			X	X
2030CT	No Heat Strip	No Heat Strip	X	X	X	X		X		X	X
2030TCT	No Heat Strip	No Heat Strip	X	X	X			XX		X	X
2030CT-Dual	No Heat Strip	No Heat Strip	X	X	X				X	X	X
2031CB	X		X	X	X	XX				X	X
2031CDC	X		X	X	X		X			X	X
2031CT	X		X	X	X	X		X		X	X
2031TCT	X		X	X	X			XX		X	X
2031CT-Dual	X		X	X	X				X	X	X
2032CB		X	X	X	X	XX				X	X
2032CDC		X	X	X	X		X			X	X
2032CT		X	X	X	X	X		X		X	X
2032TCT		X	X	X	X			XX		X	X
2032CT-Dual		X	X	X	X				X	X	X

☀ THE HOT WEATHER PACKAGE CONSISTS OF ADDING A 2nd 12 VOLT COMPRESSOR and BRACKET, PLUS AN ADDITIONAL CONDENSER.



WARRANTY INFORMATION



**A separate 110-12 Volt Converter must be used only for the Hoseline, Inc. System;
or THE WARRANTY WILL BE VOIDED.**

Legend: C – Converter
 CB – Converter + 2 Bottom Mount Condensers 1006
 CDC – Converter / 1 Dual Bottom Mount Condenser
 CT – Converter / 1 Bottom Mount Condenser / 1 Top Mount Condenser
 CT-Dual – Converter / 1Top Mount Condenser Dual
 TCT – Converter / 2 Top Mount Condensers
 X - 1 each of Item
 XX – 2 each of Item



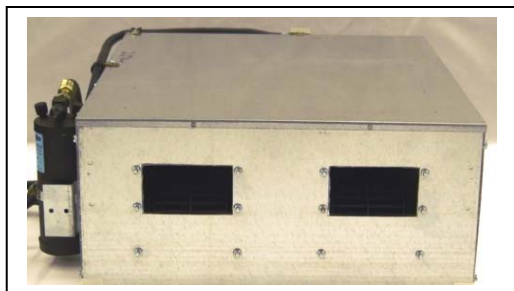
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(407) 892-2599
email: sales@hoseline.com



2000 SYSTEM 110-12 VOLT COMBO [PATENT No. US 6,543,240 B2]

DEPTH 21½" (24½" TO ALLOW FOR FITTINGS)
WIDTH (18¾" (22½" WITH DRYER INCLUDED)
HEIGHT OF 9" STANDARD DEPTH SERIES
AIR BLOWS OUT THE FRONT



SPECIFICATIONS

110 VOLT SYSTEM: R-134A OR R-407C FREON
13,000 BTU R-407C A/C
12,000 BTU R-134A A/C
CFM: 580

110V HEAT:

2.69 KW 110 VOLTS @ 22 AMPS = 9,180 BTU
1.75 KW 110 VOLTS @ 14.5 AMPS = 5,973 BTU

12 VOLT SYSTEM:

30,000 BTU A/C 2 1/2 Ton
36,000 BTU HEAT
12 VOLT SIDE USES R134A FREON

BMC 1006 BOTTOM MOUNT CONDENSER
A DUAL CONDENSER IS AVAILABLE



FAN
SIDE
VIEW

110V AC to 12V DC
OUTPUT: 13.6 VDC 80 Amps
INPUT WATTS 1300
PART: PD9180 Converter
H 3.6" x L 11.65" x W 9"



COMPRESSOR &
BRACKET
BRACKET 110V 134A
COMPRESSOR 110v R134A
COMPR BRKT W/FAN
INCLUDES 8" FAN

ELECTRIC CONTROL BOX 110/12 VOLT
Box dimensions L = 10" W = 10" H = 4 ¼"



**CM-110
CNTL BD**
L = 8 5/8"
W = 4"

CM3000 W/RCB-3000S or D CONTROL BOARD
NEW ENVIRONMENTAL CONTROL SYSTEM
2 7/16"

4 13/16"



**RCB-3000S
or D-Board**
L = 5 ½"
W = 4"





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PATENT # US 6,543,240 B2

**MODEL NUMBER
& OPTIONS SHEET**

NOTE: ALL UNITS AVAILABE FOR 220 VOLTS and 50 or 60 HERTZ

3000 SERIES 110-12 VOLT COMBO UNITS [STANDARD DEPTH SERIES 24½"]

MODEL	Heat Strip 1.75KW @ 120V 14.5 AMPS 5973 BTU	Heat Strip 2.69KW @ 120V 22 AMPS 9180 BTU	110-12 Volt Converter	Hot Weather Package 	CM3000 with RCB-3 Thermo	12V or 110V Bottom Mount Cond	110- 12V Bottom Mount Cond Dual	12V Top Mount Cond	12V Top Mount Cond Dual	110V Comp Brkt and Fan	Elec Cont Box
3000C	No Heat Strip	No Heat Strip	X		X	X				X	X
3000CB	No Heat Strip	No Heat Strip	X		X	XX				X	X
3000CDC	No Heat Strip	No Heat Strip	X		X		X			X	X
3000CT	No Heat Strip	No Heat Strip	X		X	X		X		X	X
3000TCT	No Heat Strip	No Heat Strip	X		X			XX		X	X
3000CT-Dual	No Heat Strip	No Heat Strip	X		X				X	X	X
3015C	X		X		X	X				X	X
3015CB	X		X		X	XX				X	X
3015CDC	X		X		X		X			X	X
3015CT	X		X		X	X		X		X	X
3015TCT	X		X		X			XX		X	X
3015CT-Dual	X		X		X				X	X	X
3025C		X	X		X	X				X	X
3025CB		X	X		X	XX				X	X
3025CDC		X	X		X		X			X	X
3025CT		X	X		X	X		X		X	X
3025TCT		X	X		X			XX		X	X
3025CT-Dual		X	X		X				X	X	X
3030CB	No Heat Strip	No Heat Strip	X	X	X	XX				X	X
3030CDC	No Heat Strip	No Heat Strip	X	X	X		X			X	X
3030CT	No Heat Strip	No Heat Strip	X	X	X	X		X		X	X
3030TCT	No Heat Strip	No Heat Strip	X	X	X			XX		X	X
3030CT-Dual	No Heat Strip	No Heat Strip	X	X	X				X	X	X
3031CB	X		X	X	X	XX				X	X
3031CDC	X		X	X	X		X			X	X
3031CT	X		X	X	X	X		X		X	X
3031TCT	X		X	X	X			XX		X	X
3031CT-Dual	X		X	X	X				X	X	X
3032CB		X	X	X	X	XX				X	X
3032CDC		X	X	X	X		X			X	X
3032CT		X	X	X	X	X		X		X	X
3032TCT		X	X	X	X			XX		X	X
3032CT-Dual		X	X	X	X				X	X	X

THE HOT WEATHER PACKAGE CONSISTS OF ADDING A 2nd 12 VOLT COMPRESSOR and BRACKET, PLUS AN ADDITIONAL CONDENSER.



WARRANTY INFORMATION



***A separate 110-12 Volt Converter must be used only for the Hoseline, Inc. System;
or THE WARRANTY WILL BE VOIDED.***

Legend: C – Converter
 CB – Converter + 2 Bottom Mount Condensers 1006
 CDC – Converter / 1 Dual Bottom Mount Condenser
 CT – Converter / 1 Bottom Mount Condenser / 1 Top Mount Condenser
 CT-Dual – Converter / 1 Top Mount Condenser Dual
 TCT – Converter / 2 Top Mount Condensers
 X - 1 each of Item
 XX – 2 each of Item



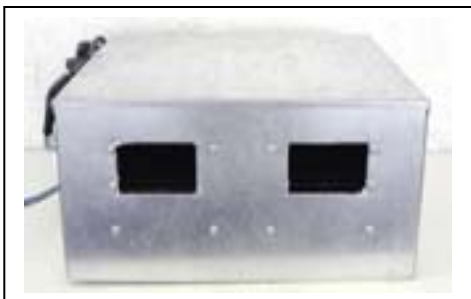
HOSELINE, INC.
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email: sales@hoseline.com



3000 SYSTEM 110-12 VOLT COMBO [PATENT No. US 6,543,240 B2]

DEPTH 17¼ " (22 " TO ALLOW FOR FITTINGS)
WIDTH (18¾" (22½" WITH DRYER INCLUDED)
X HEIGHT OF 9" (SHORT DEPTH SERIES)
AIR BLOWS OUT FRONT



SPECIFICATIONS

110 VOLT SYSTEM: R-134A OR R-407C FREON
13,000 BTU R-407C A/C
12,000 BTU R-134A A/C
CFM: 580

110V HEAT:

2.69 KW 110 VOLTS @ 22 AMPS = 9,180 BTU
1.75 KW 110 VOLTS @ 14.5 AMPS = 5,973 BTU

12 VOLT SYSTEM:

30,000 BTU A/C 2 1/2 Ton
36,000 BTU HEAT
12 VOLT SIDE USES R134A FREON

BMC 1006 BOTTOM MOUNT CONDENSER
A DUAL CONDENSER IS AVAILABLE



FAN
SIDE
VIEW

110V AC to 12V DC
OUTPUT: 13.6 VDC 80 Amps
INPUT WATTS 1300
PART: PD9180 Converter
H 3.6" x L 11.65" x W 9"



COMPRESSOR &
BRACKET
BRACKET 110V 134A
COMPRESSOR 110v R134A
COMPR BRKT W/FAN
INCLUDES 8" FAN

ELECTRIC CONTROL BOX 110/12 VOLT
Box dimensions L = 10" W = 10" H = 4 ¼ "



**CM-110
CNTL BD**
L = 8 5/8"
W = 4"

CM3000 W/RCB-3000S or D CONTROL BOARD
NEW ENVIRONMENTAL CONTROL SYSTEM
2 7/16"

4 13/16"



**RCB-3000S
or D-Board**
L = 5 ½"
W = 4"





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**MODEL NUMBER
& OPTIONS SHEET**

NOTE: ALL UNITS AVAILABE FOR 220 VOLTS and 50 or 60 HERTZ

PATENT # US 6,543,240 B2

4000 SERIES 110-12 VOLT COMBO UNITS [STANDARD DEPTH SERIES 24½"]

MODEL	Heat Strip 1.75KW @ 120V 14.5 AMPS 5973 BTU	Heat Strip 2.69KW @ 120V 22 AMPS 9180 BTU	110-12 Volt Converter	Hot Weather Package ☀	CM3000 with RCB-3 Thermo	12V or 110V Bottom Mount Cond	110- 12V Bottom Mount Cond Dual	12V Top Mount Cond	12V Top Mount Cond Dual	110V Comp Brkt and Fan	Elec Cont Box
4000C	No Heat Strip	No Heat Strip	X		X	X				X	X
4000CB	No Heat Strip	No Heat Strip	X		X	XX				X	X
4000CDC	No Heat Strip	No Heat Strip	X		X		X			X	X
4000CT	No Heat Strip	No Heat Strip	X		X	X		X		X	X
4000TCT	No Heat Strip	No Heat Strip	X		X			XX		X	X
4000CT-Dual	No Heat Strip	No Heat Strip	X		X				X	X	X
4015C	X		X		X	X				X	X
4015CB	X		X		X	XX				X	X
4015CDC	X		X		X		X			X	X
4015CT	X		X		X	X		X		X	X
4015TCT	X		X		X			XX		X	X
4015CT-Dual	X		X		X				X	X	X
4025C		X	X		X	X				X	X
4025CB		X	X		X	XX				X	X
4025CDC		X	X		X		X			X	X
4025CT		X	X		X	X		X		X	X
4025TCT		X	X		X			XX		X	X
4025CT-Dual		X	X		X				X	X	X
4030CB	No Heat Strip	No Heat Strip	X	X	X	XX				X	X
4030CDC	No Heat Strip	No Heat Strip	X	X	X		X			X	X
4030CT	No Heat Strip	No Heat Strip	X	X	X	X		X		X	X
4030TCT	No Heat Strip	No Heat Strip	X	X	X			XX		X	X
4030CT-Dual	No Heat Strip	No Heat Strip	X	X	X				X	X	X
4031CB	X		X	X	X	XX				X	X
4031CDC	X		X	X	X		X			X	X
4031CT	X		X	X	X	X		X		X	X
4031TCT	X		X	X	X			XX		X	X
4031CT-Dual	X		X	X	X				X	X	X
4032CB		X	X	X	X	XX				X	X
4032CDC		X	X	X	X		X			X	X
4032CT		X	X	X	X	X		X		X	X
4032TCT		X	X	X	X			XX		X	X
4032CT-Dual		X	X	X	X				X	X	X

☀ THE HOT WEATHER PACKAGE CONSISTS OF ADDING A 2nd 12 VOLT COMPRESSOR and BRACKET, PLUS AN ADDITIONAL CONDENSER.



WARRANTY INFORMATION



**A separate 110-12 Volt Converter must be used only for the Hoseline, Inc. System;
or THE WARRANTY WILL BE VOIDED.**

Legend: C – Converter
 CB – Converter + 2 Bottom Mount Condensers 1006
 CDC – Converter / 1 Dual Bottom Mount Condenser
 CT – Converter / 1 Bottom Mount Condenser / 1 Top Mount Condenser
 CT-Dual – Converter / 1 Top Mount Condenser Dual
 TCT – Converter / 2 Top Mount Condensers
 X - 1 each of Item
 XX – 2 each of Item



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4000 SYSTEM 110-12 VOLT COMBO [PATENT No. US 6,543,240 B2]

DEPTH 21½" (24½" TO ALLOW FOR FITTINGS)
WIDTH (18¾" (22½" WITH DRYER INCLUDED)
HEIGHT OF 9" STANDARD DEPTH SERIES
WITH UPDRAFT
AIR BLOWS OUT THE TOP



SPECIFICATIONS

110 VOLT SYSTEM: R-134A OR R-407C FREON
13,000 BTU R-407C A/C
12,000 BTU R-134A A/C
CFM: 580

110V HEAT:

2.69 KW 110 VOLTS @ 22 AMPS = 9,180 BTU
1.75 KW 110 VOLTS @ 14.5 AMPS = 5,973 BTU

12 VOLT SYSTEM:

30,000 BTU A/C 21/2 Ton
36,000 BTU HEAT
12 VOLT SIDE USES R134A FREON

BMC 1006 BOTTOM MOUNT CONDENSER
A DUAL CONDENSER IS AVAILABLE



FAN
SIDE
VIEW

110V AC to 12V DC
OUTPUT: 13.6 VDC 80 Amps
INPUT WATTS 1300
PART: PD9180 Converter
H 3.6" x L 11.65" x W 9"



COMPRESSOR &
BRACKET
BRACKET 110V 134A
COMPRESSOR 110v R134A
COMPR BRKT W/FAN
INCLUDES 8" FAN

ELECTRIC CONTROL BOX 110/12 VOLT
Box dimensions L = 10" W = 10" H = 4 ¼"



**CM-110
CNTL BD**
L = 8 5/8"
W = 4"

CM3000 W/RCB-3000S or D CONTROL BOARD
NEW ENVIRONMENTAL CONTROL SYSTEM
2 7/16"

4 13/16"



**RCB-3000S
or D-Board**
L = 5 ½"
W = 4"





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**MODEL NUMBER
& OPTIONS SHEET**

NOTE: ALL UNITS AVAILABE FOR 220 VOLTS and 50 or 60 HERTZ

PATENT # US 6,543,240 B2

5000 SERIES 110-12 VOLT COMBO UNITS [STANDARD DEPTH SERIES 24½"]

MODEL	Heat Strip 1.75KW @ 120V 14.5 AMPS 5973 BTU	Heat Strip 2.69KW @ 120V 22 AMPS 9180 BTU	110-12 Volt Converter	Hot Weather Package ☀	CM3000 with RCB-3 Thermo	12V or 110V Bottom Mount Cond	110- 12V Bottom Mount Cond Dual	12V Top Mount Cond	12V Top Mount Cond Dual	110V Comp Brkt and Fan	Elec Cont Box
5000C	No Heat Strip	No Heat Strip	X		X	X				X	X
5000CB	No Heat Strip	No Heat Strip	X		X	XX				X	X
5000CDC	No Heat Strip	No Heat Strip	X		X		X			X	X
5000CT	No Heat Strip	No Heat Strip	X		X	X		X		X	X
5000TCT	No Heat Strip	No Heat Strip	X		X			XX		X	X
5000CT-Dual	No Heat Strip	No Heat Strip	X		X				X	X	X
5015C	X		X		X	X				X	X
5015CB	X		X		X	XX				X	X
5015CDC	X		X		X		X			X	X
5015CT	X		X		X	X		X		X	X
5015TCT	X		X		X			XX		X	X
5015CT-Dual	X		X		X				X	X	X
5025C		X	X		X	X				X	X
5025CB		X	X		X	XX				X	X
5025CDC		X	X		X		X			X	X
5025CT		X	X		X	X		X		X	X
5025TCT		X	X		X			XX		X	X
5025CT-Dual		X	X		X				X	X	X
5030CB	No Heat Strip	No Heat Strip	X	X	X	XX				X	X
5030CDC	No Heat Strip	No Heat Strip	X	X	X		X			X	X
5030CT	No Heat Strip	No Heat Strip	X	X	X	X		X		X	X
5030TCT	No Heat Strip	No Heat Strip	X	X	X			XX		X	X
5030CT-Dual	No Heat Strip	No Heat Strip	X	X	X				X	X	X
5031CB	X		X	X	X	XX				X	X
5031CDC	X		X	X	X		X			X	X
5031CT	X		X	X	X	X		X		X	X
5031TCT	X		X	X	X			XX		X	X
5031CT-Dual	X		X	X	X				X	X	X
5032CB		X	X	X	X	XX				X	X
5032CDC		X	X	X	X		X			X	X
5032CT		X	X	X	X	X		X		X	X
5032TCT		X	X	X	X			XX		X	X
5032CT-Dual		X	X	X	X				X	X	X

☀ THE HOT WEATHER PACKAGE CONSISTS OF ADDING A 2nd 12 VOLT COMPRESSOR and BRACKET, PLUS AN ADDITIONAL CONDENSER.



WARRANTY INFORMATION



***A separate 110-12 Volt Converter must be used only for the Hoseline, Inc. System;
or THE WARRANTY WILL BE VOIDED.***

Legend: C – Converter
 CB – Converter / 2 Bottom Mount Condensers 1006
 CDC – Converter / 1 Dual Bottom Mount Condenser
 CT – Converter / 1 Bottom Mount Condenser / 1 Top Mount Condenser
 CT-Dual – 1 Top Mount Condenser Dual
 TCT- Converter / 2 Top Mount Condensers
 X - 1 each of Item
 XX – 2 each of Item



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5000 SYSTEM 110-12 VOLT COMBO [PATENT No. US 6,543,240 B2]

DEPTH 17¼ " (22 " TO ALLOW FOR FITTINGS)
WIDTH (18¾" (22½" WITH DRYER INCLUDED)
X HEIGHT OF 9" (SHORT DEPTH SERIES)
WITH UPDRAFT
AIR BLOWS OUT TOP OF UNIT



SPECIFICATIONS

110 VOLT SYSTEM: R-134A OR R-407C FREON
13,000 BTU R-407C A/C
12,000 BTU R-134A A/C
CFM: 580

110V HEAT:

2.69 KW 110 VOLTS @ 22 AMPS = 9,180 BTU
1.75 KW 110 VOLTS @ 14.5 AMPS = 5,973 BTU

12 VOLT SYSTEM:

30,000 BTU A/C 21/2 Ton
36,000 BTU HEAT
12 VOLT SIDE USES R134A FREON

BMC 1006 BOTTOM MOUNT CONDENSER
A DUAL CONDENSER IS AVAILABLE



FAN
SIDE
VIEW

110V AC to 12V DC
OUTPUT: 13.6 VDC 80 Amps
INPUT WATTS 1300
PART: PD9180 Converter
H 3.6" x L 11.65" x W 9"



COMPRESSOR &
BRACKET
BRACKET 110V 134A
COMPRESSOR 110v R134A
COMPR BRKT W/FAN
INCLUDES 8" FAN

ELECTRIC CONTROL BOX 110/12 VOLT
Box dimensions L = 10" W = 10" H = 4 ¼ "



**CM-110
CNTL BD**
L = 8 5/8"
W = 4"

CM3000 W/RCB-3000S or D CONTROL BOARD
NEW ENVIRONMENTAL CONTROL SYSTEM
2 7/16"

4 13/16"



**RCB-3000S
or D-Board**
L = 5 ½"
W = 4"





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AIR CONDITIONING HEATING UNITS

ACHU FT 454

Description: **12 Volt system**

12 VOLT SYSTEM:

30,000+ BTU A/C 2 1/2 Ton

36,000+ BTU HEAT 3/4

12 VOLT SIDE USES R134A FREON

Blower CFM 580 11 amps

110v/12v Combo System

110 VOLT SYSTEM: R-134A OR R-407C FREON

13,000 BTU R-407C A/C

12,000 BTU R-134A A/C

CFM: 580

110V HEAT:

2.69 KW 110 VOLTS @ 22 AMPS = 9,180 BTU

1.75 KW 110 VOLTS @ 14.5 AMPS = 5,973 BTU



Dimensions:

length 36" Height 16" Depth 18" (includes fittings)



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AIR CONDITIONING HEATING UNITS

ACHU FT 600

Description: **110 /12 Volt system**

Dual Digital thermostat controls for the front and back.

110 VOLT SYSTEM: R-134A OR R-407C FREON
13,000 BTU R-407C A/C
12,000 BTU R-134A A/C
CFM: 580

12 VOLT SYSTEM:
30,000 BTU A/C 2 1/2 Ton
50,000 BTU HEAT 3/4
12 VOLT SIDE USES R134A FREON



Air Blows from front and back

12 Volt Condenser: Low Profile

CFM: 3,924 Twin 14" Fans

BTU: 60,000

Dimensions:

length 34 1/2" Height 14 1/4" Depth 25"



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email: sales@hoseline.com
[Patent No. US 6,543,240 B2]



8000 FT SYSTEM 110-12 VOLT COMBO CAN ALSO BE 12V ONLY

DESCRIPTION: DESIGNED FOR **FIRE APPARATUS**. THE EVAPORATOR MOUNTS IN THE TRUCK. THE COMPRESSOR IS MOUNTED UNDER THE TRUCK. THE CONDENSOR CAN BE EITHER A TOP OR A BOTTOM MOUNTED UNIT.

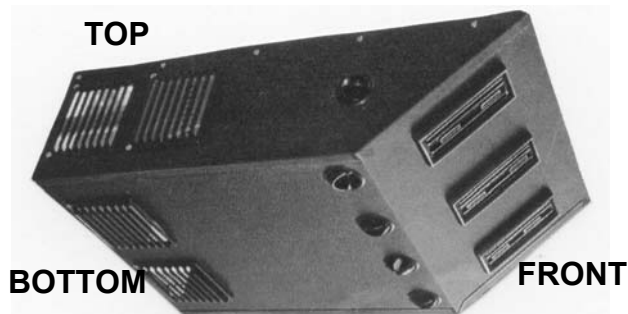
THREE METHODS TO COOL OR HEAT.

1. 110 VOLT: 110 A/C (SHORELINE) AT THE STATION.
2. 12 VOLT DC IN TRANSIT TO THE SCENE USING FRONT ENGINE COMPRESSOR.
3. ON-BOARD GENERATOR IN TRANSIT TO SCENE OR AT SCENE.

110 VOLT A/C: R134A 12,000 BTU R-407C 13,000

12 VOLT SYSTEM: 134A FREON, A/C 30,000, HEAT: 36,000 BTU 580 CFM

WIDTH 21 1/4" DEPTH: 32 1/2" (at Top)
HEIGHT: 11 1/2" DEPTH: 23 1/2" (at Bottom)



BMC 1006 BOTTOM MOUNT CONDENSER
A DUAL CONDENSER IS AVAILABLE



FAN
SIDE
VIEW

110V AC to 12V DC
OUTPUT: 13.6 VDC 80 Amps
INPUT WATTS 1300
PART: PD9180 Converter
H 3.6" x L 11.65" x W 9"



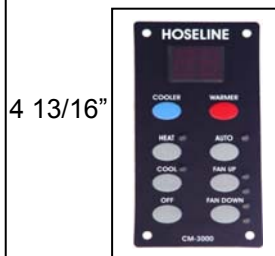
**COMPRESSOR &
BRACKET**
BRACKET 110V 134A
COMPRESSOR 110v R134A
COMPR BRKT W/FAN
INCLUDES 8" FAN

ELECTRIC CONTROL BOX 110/12 VOLT
Box dimensions L = 10" W = 10" H = 4 1/4"



**CM-110
CNTL BD**
L = 8 5/8"
W = 4"

CM3000 W/RCB-3000S or D CONTROL BOARD
NEW ENVIRONMENTAL CONTROL SYSTEM
2 7/16"



**RCB-3000S
or D-Board**
L = 5 1/2"
W = 4"





HOSELINE, INC.
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(407) 892-2599
email: sales@hoseline.com
[Patent No. US 6,543,240 B2]



8000-CM3000 SYSTEM 110-12 VOLT COMBO CAN ALSO BE 12V ONLY

8000-CM3000 SYSTEM

Description: **110-12 Volt**

Available in Super 5/8 and SDC 3/4

Specifications:

110 Volt system: R-134A or R-407C Freon

13,000 BTU R-407C A/C

12,000 BTU R-134A A/C

CFM: 580

110V HEAT:

2.69 KW 110 Volts @ 22 Amps = 9,180 BTU

1.75 KW 10 Volts @ 14.5 Amps = 5,973 BTU

12 Volt system: 12 Volt side uses R134A Freon

30,000 BTU A/C 2 1/2 Ton, 36,000 BTU HEAT

SDC core will improve Heat BTU and performance
2nd condenser will improve A/C performance

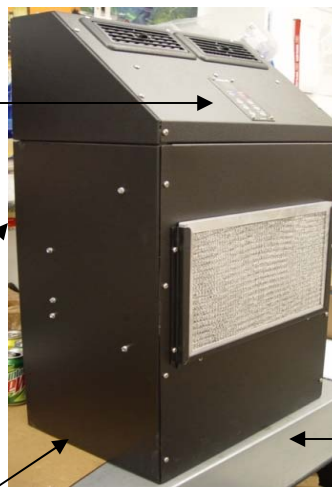
CM3000 Digital
Thermostat Control

HEIGHT
25 1/2"

HEIGHT
33 1/8"

WIDTH 18 3/4"

DEPTH 13 3/4"



BMC 1006 BOTTOM MOUNT CONDENSER
A DUAL CONDENSER IS AVAILABLE



FAN
SIDE
VIEW

110V AC to 12V DC
OUTPUT: 13.6 VDC 80 Amps
INPUT WATTS 1300
PART: PD9180 Converter
H 3.6" x L 11.65" x W 9"



COMPRESSOR &
BRACKET
BRACKET 110V 134A
COMPRESSOR 110v R134A
COMPR BRKT W/FAN
INCLUDES 8" FAN

ELECTRIC CONTROL BOX 110/12 VOLT
Box dimensions L = 10" W = 10" H = 4 1/4 "



**CM-110
CNTL BD**
L = 8 5/8"
W = 4"

CM3000 W/RCB-3000S or D CONTROL BOARD
NEW ENVIRONMENTAL CONTROL SYSTEM
2 7/16"

4 13/16"



**RCB-3000S
or D-Board**
L = 5 1/2"
W = 4"





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email: sales@hoseline.com
[PATENT No. US 6,543,240 B2]



8050 SYSTEM 110-12 VOLT COMBO

CAN ALSO BE 12V ONLY

LENGTH 24 1/4 "
DEPTH 21 1/4 "
HEIGHT 10 1/2 "
AIR BLOWS OUT THE FRONT, BOTTOM AND SIDES



SPECIFICATIONS

110 VOLT SYSTEM: R-134A OR R-407C FREON
13,000 BTU R-407C A/C
12,000 BTU R-134A A/C
CFM: 580

110V HEAT:
2.69 KW 110 VOLTS @ 22 AMPS = 9,180 BTU
1.75 KW 110 VOLTS @ 14.5 AMPS = 5,973 BTU

12 VOLT SYSTEM:
30,000 BTU A/C 2 1/2 Ton
36,000 BTU HEAT
12 VOLT SIDE USES R134A FREON

BMC 1006 BOTTOM MOUNT CONDENSER
A DUAL CONDENSER IS AVAILABLE



FAN
SIDE
VIEW

110V AC to 12V DC
OUTPUT: 13.6 VDC 80 Amps
INPUT WATTS 1300
PART: PD9180 Converter
H 3.6" x L 11.65" x W 9"



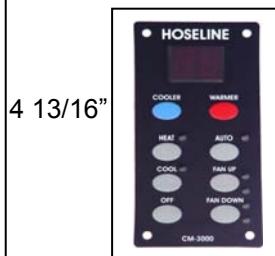
COMPRESSOR &
BRACKET
BRACKET 110V 134A
COMPRESSOR 110v R134A
COMPR BRKT W/FAN
INCLUDES 8" FAN

ELECTRIC CONTROL BOX 110/12 VOLT
Box dimensions L = 10" W = 10" H = 4 1/4 "



**CM-110
CNTL BD**
L = 8 5/8"
W = 4"

CM3000 W/RCB-3000S or D CONTROL BOARD
NEW ENVIRONMENTAL CONTROL SYSTEM
2 7/16"



**RCB-3000S
or D-Board**
L = 5 1/2"
W = 4"





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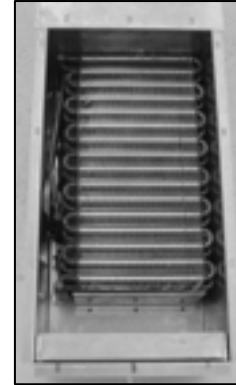
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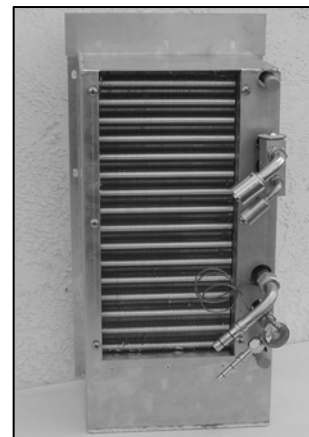
[PATENT PENDING]

**110-12 VOLT COMBO
NEW RETROFIT UNIT
NOW AVAILABLE
CALL HOSELINE, INC. FOR DETAILS**



A/C 110-12 VOLT
R134A Freon 12 VOLT SIDE
R134A Freon 110 VOLT SIDE
WATER HEAT ONLY

DRAIN TUBE IS OUT THE MIDDLE BOTTOM
OF THE DRAIN PAN and THE DRAIN TUBE
EXTENDS 1 ½" BELOW THE UNIT



DIMENSIONS:

HEIGHT 23¾" (Include Mounting Flanges)

WIDTH 12"

DEPTH 13" (Includes Fittings)





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9-1138 SYSTEM 110-12 VOLT COMBO [PATENT No. US 6,543,240 B2]

LENGTH = 17 ¼ “

DEPTH = 9 3/8 “

HEIGHT = 19 ½ “ AIR BLOWS OUT THE TOP

DRAIN TUBE EXTENDS 1 1/2” BELOW UNIT



SPECIFICATIONS

110 VOLT SYSTEM: R-134A OR R-407C FREON

13,000 BTU R-407C A/C

12,000 BTU R-134A A/C

CFM: 580

110V HEAT:

2.69 KW 110 VOLTS @ 22 AMPS = 9,180 BTU

1.75 KW 110 VOLTS @ 14.5 AMPS = 5,973 BTU

12 VOLT SYSTEM:

30,000 BTU A/C 2 1/2 Ton

36,000 BTU HEAT

12 VOLT SIDE USES R134A FREON

BMC 1006 BOTTOM MOUNT CONDENSER
A DUAL CONDENSER IS AVAILABLE



FAN
SIDE
VIEW

110V AC to 12V DC
OUTPUT: 13.6 VDC 80 Amps
INPUT WATTS 1300
PART: PD9180 Converter
H 3.6” x L 11.65” x W 9”



COMPRESSOR &
BRACKET
BRACKET 110V 134A
COMPRESSOR 110v R134A
COMPR BRKT W/FAN
INCLUDES 8” FAN

ELECTRIC CONTROL BOX 110/12 VOLT
Box dimensions L = 10” W = 10” H = 4 ¼ “



**CM-110
CNTL BD**
L = 8 5/8”
W = 4”

CM3000 W/RCB-3000S or D CONTROL BOARD
NEW ENVIRONMENTAL CONTROL SYSTEM
2 7/16”

4 13/16”



**RCB-3000S
or D-Board**
L = 5 ½”
W = 4”





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9-2045 SLIMLINE A/C SYSTEM

PICTURES AND DIMENSIONS
IN PROCESS.WILL BE
UPDATEDIN THE NEAR FUTURE

SPECIFICATIONS

110 VOLT SYSTEM: R-134A OR R-407 FREON
13,000 BTU R-407C A/C
12,000 BTU R-134A A/C
CFM: 580

110V HEAT:
2.69 KW 110 VOLTS @ 22 AMPS = 9,180 BTU
1.75 KW 110 VOLTS @ 14.5 AMPS = 5,973 BTU

12 VOLT SYSTEM:
30,000 BTU A/C 2 1/2 Ton
36,000 BTU HEAT
12 VOLT SIDE USES R134A FREON

BMC 1006 BOTTOM MOUNT CONDENSER
A DUAL CONDENSER IS AVAILABLE



FAN
SIDE
VIEW

110V AC to 12V DC
OUTPUT: 13.6 VDC 80 Amps
INPUT WATTS 1300
PART: PD9180 Converter
H 3.6" x L 11.65" x W 9"



COMPRESSOR &
BRACKET
BRACKET 110V 134A
COMPRESSOR 110v R134A
COMPR BRKT W/FAN
INCLUDES 8" FAN

ELECTRIC CONTROL BOX 110/12 VOLT
Box dimensions L = 10" W = 10" H = 4 1/4 "



**CM-110
CNTL BD**
L = 8 5/8"
W= 4"

CM3000 W/RCB-3000S or D CONTROL BOARD
NEW ENVIRONMENTAL CONTROL SYSTEM
2 7/16"

4 13/16"



**RCB-3000S
or D-Board**
L = 5 1/2"
W= 4"





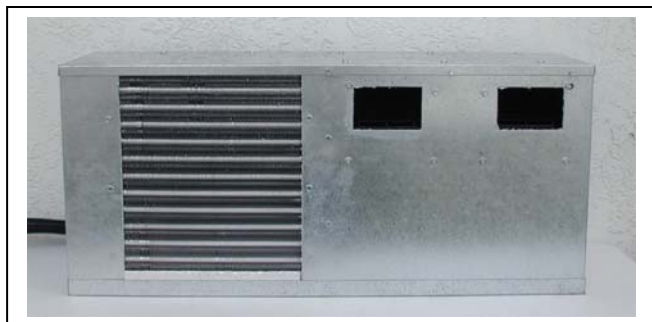
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9-2055 SATX SYSTEM 110 VOLT ONLY

LENGTH 23"
DEPTH 10 3/16 "
HEIGHT 13 1/4 "
AIR BLOWS OUT THE FRONT



SPECIFICATIONS

110 VOLT SYSTEM: R-134A OR R-407C FREON
1,000 BTU R-407C A/C
12,000 BTU R-134A A/C
CFM: 580

110V HEAT:

2.52 KW 110 VOLTS @ 21 AMPS = 8,600 BTU
1.25 KW 110 VOLTS @ 14.5 AMPS = 4,266 BTU

BMC 1006 BOTTOM MOUNT CONDENSER
A DUAL CONDENSER IS AVAILABLE



FAN
SIDE
VIEW

110V AC to 12V DC
OUTPUT: 13.6 VDC 80 Amps
INPUT WATTS 1300
PART: PD9180 Converter
H 3.6" x L 11.65" x W 9"



COMPRESSOR &
BRACKET
BRACKET 110V 134A
COMPRESSOR 110v R134A
COMPR BRKT W/FAN
INCLUDES 8" FAN

ELECTRIC CONTROL BOX 110/12 VOLT
Box dimensions L = 10" W = 10" H = 4 1/4 "



**CM-110
CNTL BD**
L = 8 5/8"
W = 4"

CM3000 W/RCB-3000S or D CONTROL BOARD
NEW ENVIRONMENTAL CONTROL SYSTEM
2 7/16"

4 13/16"



**RCB-3000S
or D-Board**
L = 5 1/2"
W = 4"





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9-3003 SYSTEM 110 VOLT SYSTEM ONLY

LENGTH 15"
DEPTH 15 "
HEIGHT 9 "
AIR BLOWS OUT THE TOP



SPECIFICATIONS

110 VOLT SYSTEM: R-134A OR R-407C FREON
13,000 BTU R-407C A/C
12,000 BTU R-134A A/C
CFM: 580

110V HEAT:

2.52 KW 110 VOLTS @ 21 AMPS = 8,600 BTU
1.25 KW 110 VOLTS @ 14.5 AMPS = 4,266 BTU

BMC 1006 BOTTOM MOUNT CONDENSER
A DUAL CONDENSER IS AVAILABLE



FAN
SIDE
VIEW

110V AC to 12V DC
OUTPUT: 13.6 VDC 80 Amps
INPUT WATTS 1300
PART: PD9180 Converter
H 3.6" x L 11.65" x W 9"



COMPRESSOR &
BRACKET
BRACKET 110V 134A
COMPRESSOR 110v R134A
COMPR BRKT W/FAN
INCLUDES 8" FAN

ELECTRIC CONTROL BOX 110/12 VOLT
Box dimensions L = 10" W = 10" H = 4 1/4 "



**CM-110
CNTL BD**
L = 8 5/8"
W = 4"

CM3000 W/RCB-3000S or D CONTROL BOARD
NEW ENVIRONMENTAL CONTROL SYSTEM
2 7/16"

4 13/16"



**RCB-3000S
or D-Board**
L = 5 1/2"
W = 4"





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9-3018 SYSTEM 110 VOLT SYSTEM ONLY

LENGTH 10 1/4"
DEPTH 15"
HEIGHT 14 5/8"
AIR BLOWS OUT THE TOP



SPECIFICATIONS

110 VOLT SYSTEM: R-134A OR R-407C FREON
13,000 BTU R-407C A/C
12,000 BTU R-134A A/C
CFM: 580

110V HEAT:

2.52 KW 110 VOLTS @ 21 AMPS = 8,600 BTU
1.25 KW 110 VOLTS @ 14.5 AMPS = 4,266 BTU

BMC 1006 BOTTOM MOUNT CONDENSER
A DUAL CONDENSER IS AVAILABLE



FAN
SIDE
VIEW

110V AC to 12V DC
OUTPUT: 13.6 VDC 80 Amps
INPUT WATTS 1300
PART: PD9180 Converter
H 3.6" x L 11.65" x W 9"



COMPRESSOR &
BRACKET
BRACKET 110V 134A
COMPRESSOR 110v R134A
COMPR BRKT W/FAN
INCLUDES 8" FAN

ELECTRIC CONTROL BOX 110/12 VOLT
Box dimensions L = 10" W = 10" H = 4 1/4"



**CM-110
CNTL BD**
L = 8 5/8"
W = 4"

CM3000 W/RCB-3000S or D CONTROL BOARD
NEW ENVIRONMENTAL CONTROL SYSTEM
2 7/16"

4 13/16"



**RCB-3000S
or D-Board**
L = 5 1/2"
W = 4"





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9-3031 110 VOLT SYSTEM ONLY

LENGTH 15 ¼"
DEPTH 15 ¼" (WITH DRYER 18 ¼")
HEIGHT 9"
AIR BLOWS OUT THE FRONT



SPECIFICATIONS

110 VOLT SYSTEM: R-134A OR R-407C FREON
13,000 BTU R-407C A/C
12,000 BTU R-134A A/C
CFM: 580

110V HEAT:

2.52 KW 110 VOLTS @ 21 AMPS = 8,600 BTU
1.25 KW 110 VOLTS @ 14.5 AMPS = 4,266 BTU

BMC 1006 BOTTOM MOUNT CONDENSER
A DUAL CONDENSER IS AVAILABLE



FAN
SIDE
VIEW

110V AC to 12V DC
OUTPUT: 13.6 VDC 80 Amps
INPUT WATTS 1300
PART: PD9180 Converter
H 3.6" x L 11.65" x W 9"



COMPRESSOR &
BRACKET
BRACKET 110V 134A
COMPRESSOR 110v R134A
COMPR BRKT W/FAN
INCLUDES 8" FAN

ELECTRIC CONTROL BOX 110/12 VOLT
Box dimensions L = 10" W = 10" H = 4 ¼"



**CM-110
CNTL BD**
L = 8 5/8"
W = 4"

CM3000 W/RCB-3000S or D CONTROL BOARD
NEW ENVIRONMENTAL CONTROL SYSTEM
2 7/16"

4 13/16"



**RCB-3000S
or D-Board**
L = 5 ½"
W = 4"





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ALL IN ONE SYSTEM'S

9-2075 SYSTEM

Specifications: **110 Volt, also available in 220v**

All in one system

110v System:

13,000 BTU R-407C A/C

HEAT: 2.69 KW 22 AMPS = 9,180 BTU

CFM: 630

220v System:

30,000 BTU R-407C A/C

Heat: 2.69 KW 12.2 AMPS =9,180 BTU

CFM: 630

This system uses the CM3000 Digital thermostat control system



Dimensions: L: 20 1/2" D: 26 1/2" H: 30 1/8"

6000 SYSTEM

Specification **110 Volt, also available in 220v**

110 Volt system:

13,000 BTU R-407C A/C

12,000 BTU R-134A A/C

HEAT: 2.52 KW =21 AMPS = 8,600 BTU

CFM: 630

220 Volt system:

18,000 BTU R-407C A/C

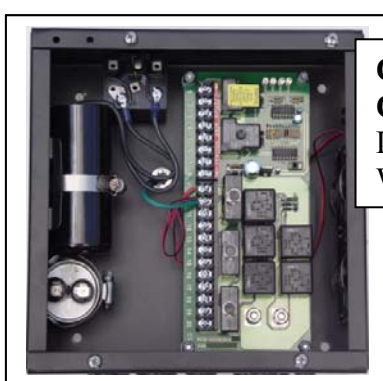
HEAT: 2.52 KW =11.2 AMPS = 8,600 BTU

CFM: 630



Dimensions: L= 25 1/2 W = 25 1/2 H = 12 1/4

Box dimensions L = 10" W = 10" H = 4 1/4 "



**CM-110
CNTL BD**
L = 8 5/8"
W= 4"

**ELECTRIC BOX AND THERMOSTAT
CONTROLS ARE EXTERNAL**

2 7/16"



4 13/16"

**RCB-3000S
or D-Board**
L = 5 1/2"
W= 4"





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ALL IN ONE SYSTEM'S

MH-200 SYSTEM

Specifications: **110 Volt**

All in one system

110v System:

A/C 12,000 BTU R-134A

HEAT: 2.52 KW 22 AMPS = 9,000 BTU

CFM: 630

This system uses the CM3000 Digital thermostat
control system or the Lux thermostat

Dimensions:

L= 27" W=19 1/2" H=16 3/4"





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AIR CONDITIONING HEATING UNITS

MOBILE MULTI-PURPOSE AC/HEAT UNITS

HC-7000

A/C 110v 20 AMPS***See Below***

R-407C FREON

BTU 13,000 CFM 630

Must have 30 AMP service for heat

HEAT 110v 30 AMPS

2.69 KW HEAT STRIP

22.4 AMPS BTU 9,180 CFM 630

A/C 220v 20 AMPS

R-407C FREON

BTU 18,000 CFM 630

HEAT 220v 20 AMPS

2.69 KW HEAT STRIP

12.2 AMPS BTU 9,180 CFM 630



Dimensions

H = 46"

W = 22"

D = 30"

10" Wheels Weight = 215 lb

AVAILABLE IN CUSTOM COLORS

OR STANDARD WHITE, YELLOW.

R-407C Freon 13,000 BTU 110v and 18,000 BTU 220v 20-30 amps CFM 630 Dolly style mobile air conditioning and heat system. Equipped with 10" air return and dual ducting, Features high capacity 12v twin condenser fans, and powder coated frame

Dolly style unit makes it easy for one man operation and setup.



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AIR CONDITIONING HEATING UNITS

MOBILE MULTI-PURPOSE AC/HEAT UNITS

HC-7000 HEPA air filtrate/UVGI decon unit (uv optional)



A/C 110v 20 AMPS***See Below***
R-407C FREON BTU 13,000 CFM 630

Must have 30 AMP service for heat

HEAT 110v 30 AMPS
2.69 KW HEAT STRIP
22.4 AMPS BTU 9,180 CFM 630

A/C 220v 20 AMPS
R-407C FREON BTU 18,000 CFM 630

HEAT 220v 20 AMPS
2.69 KW HEAT STRIP
12.2 AMPS BTU 9,180 CFM 630

Dimensions

H = 46"

W = 43 1/4"

D = 35"

10" Wheels Weight = 235 lb

**AVAILABLE IN CUSTOM COLORS
OR STANDARD WHITE, YELLOW.**

R-407C Freon 13,000 BTU 110v or 18,000 BTU 220v 20-30 AMPS CFM 630 Dolly style mobile air conditioning, heat and HEPA circulation system. Equipped with 10" air returns and dual ducting Features high capacity dual condensers with fans, and powder coated frame

Dolly style unit makes it easy for one man operation and setup.

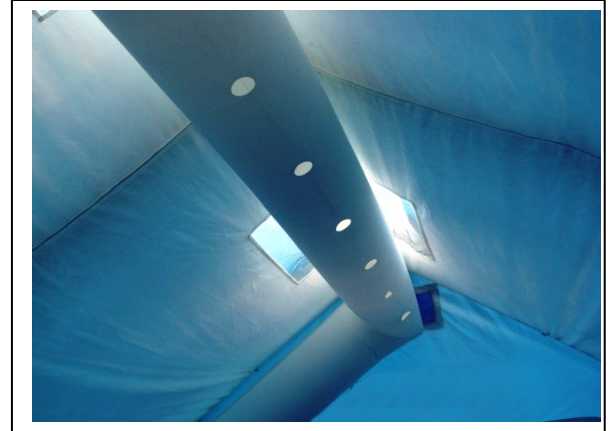


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Multi-Purpose Emergency Shelter



10x10 Multi-Purpose Emergency Shelter

This shelter can be setup in less then 15 minutes by one person and can be equipped with the HC7000 Mobile A/C and Heat system.

Air Flow is Maximized in this application by the addition of a Air trough running the center of the tent, it also has a return air hook up built in.

HC 7000

A/C 110v 20 AMPS
R-407C FREON BTU 13,000 CFM 630

HEAT 110v 30 AMPS
2.69 KW HEAT STRIP
22.4 AMPS BTU 9,180 CFM 630

A/C 220v 20 AMPS
R-407C FREON BTU 18,000 CFM 630

HEAT 220v 20 AMPS
2.69 KW HEAT STRIP
12.2 AMPS BTU 9,180 CFM 630

Insulated Hose

8"x15' TCOOL PV Hose
10"x15' TCOOL PV Hose

Air Trough

8"x40' Perforated Trough
Description: one end stitched closed. 1/12" diameter holes every 10" down one side, hangs with Velcro stitched hooks







ROTARY STYLE COMPRESSOR'S

50 or 60 HERTZ 110 VOLTS

134a PART # RKA5512YXA
BTU 12,000 (Tecum)
This compressor does not
require a fan be used

134a PART # E2V112AD
BTU 12,000 (ALMA)
This compressor is no longer
available. To replace this part
you will need to order: Kitalmatotecumseh

R-22 PART # RKB5513EXA
BTU 13,000 (Tecum)

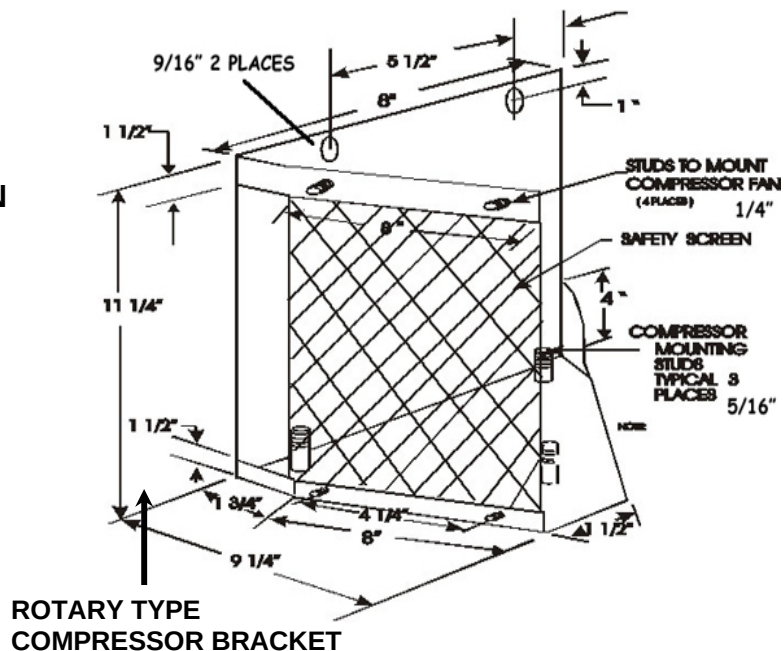


220 VOLT 60 HERTZ ONLY

R-22 PART # RKA5518EXD
BTU 18,000 (Tecum)

220 VOLT 50 HERTZ ONLY
CALL FOR DETAILS

BRACKET WITH FAN
PART # COMPRBRKTW/FAN





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BOTTOM MOUNT CONDENSERS

BMC1006 2 – 12" PULLER FANS
CFM= 2564 17 AMPS
A/C COOLING 24,000 BTU



HEIGHT FROM TOP OF MOTOR ON FANS TO
HOUSING = 3 1/2"
OVERALL HEIGHT = 5 3/4" (Includes Mounting
Rack & Rock Guard)
LENGTH = 26 5/8" WIDTH = 14 1/4"

BMC 2050D 4 - 9" puller fans
CFM = 2948 30.8 AMPS
BTU = 50,000



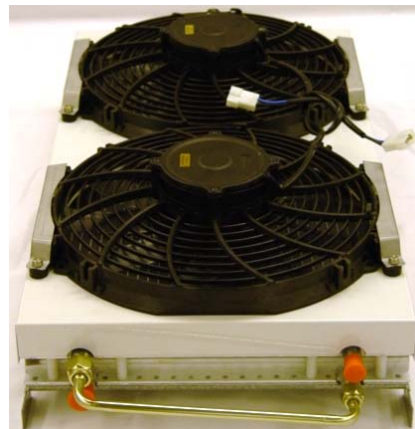
Height: 6 7/8" (Includes mounting bracket)
Length: 44 1/2"
width: 10 1/2"

BMC1006DC DUAL BOTTOM MOUNT
2 – 12" PULLER FANS
CFM= 2564
17 AMPS
A/C COOLING 24,000 BTU EACH SIDE



WIDTH 14 1/4" LENGTH 26 5/8"
OVERALL HEIGHT 7 1/2" (Includes Mounting
Brackets & Rock Guard)

BMC1006 DUAL-INLINE
2 – 12" PULLER FANS
CFM= 2564
17 AMPS
A/C COOLING 48,000 BTU



WIDTH 14 1/4" LENGTH 29 1/2"
OVERALL HEIGHT 7 1/2" (Includes Mounting
Brackets, Rock Guard AND In-Line Tube)



TMC – TOP MOUNT CONDENSERS

TMC 2002

WIDTH 25 1/8" DEPTH 13 7/16"
HEIGHT IN FRONT 4 1/8"
HEIGHT IN REAR 8 1/2"



HEIGHT FROM BOTTOM TO TOP OF FAN
(Measured to Middle of Fan = 11 1/2")
UNIT MOUNTS ON A 12" or 16" WEDGE

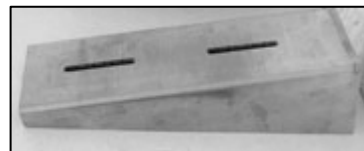
SPECIFICATIONS

(1) 12" PULLER FAN
CFM = 1282
12 VOLT FAN

20,000+ BTU

MOUNTING WEDGE

FRONT



REAR

AVAILABLE IN 12" or 16"

1" Height front
4 1/2" Height in Rear
5" Width

TMC 2004



DIMENSIONS:

WIDTH 30"
DEPTH 13 1/4" (Measured at Bottom of Unit)
DEPTH 17" (Measured at Top of Unit)
HEIGHT 11 1/2" (Measured at Top Center
of Fans to Bottom of Unit)
UNIT MOUNTS ON A 12" or 16" WEDGE

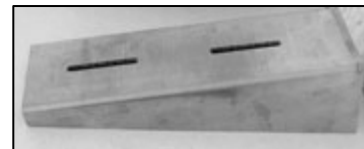
SPECIFICATIONS

(2) 12" PULLER FAN
TOTAL AMPS = 17
CFM = 2564 TOTAL

BTU = 24,000+

MOUNTING WEDGE

FRONT



REAR

AVAILABLE IN 12" or 16"

1" Height front
4 1/2" Height in Rear
5" Width

**Note: THIS UNIT AVAILABLE WITH DUAL CONDENSER
CALL HOSELINE FOR DETAILS [TMC 2004 DUAL]**



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TMC 2009, 2014 TOP MOUNT CONDENSERS

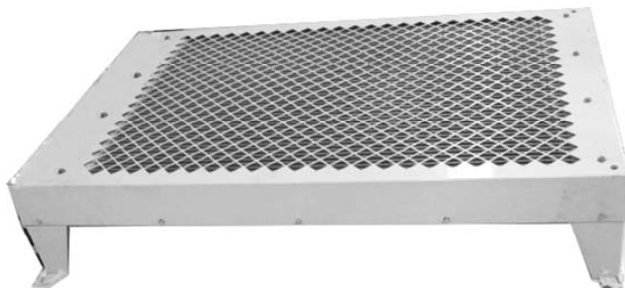
TMC - 2014



Length: 34 1/2"
Width: 24 1/2"
Height: 11 1/2"

SPECIFICATIONS:
(2) 14" PULLER FANS – 12 VOLT
TOTAL AMPS = 33.6
CFM = 3,924
60,000+ BTU

TMC - 2009 LOW PROFILE



DIMENSIONS:
LENGTH 34"
HIGHT WITH MOUNTING FEET 7"
WIDTH 21 3/4"

SPECIFICATIONS:
(2) 14" PULLER FANS – 12 VOLT
TOTAL AMPS = 33.6
CFM = 3,924
60,000+ BTU

**FANS ARE PUSHERS AND
MOUNT ON THE BOTTOM
OF THE CONDENSER**

**UNIT COMES WITH
4" MOUNTING FEET**





TMC 2005, 2007 TOP MOUNT CONDENSERS

SPECIFICATIONS:

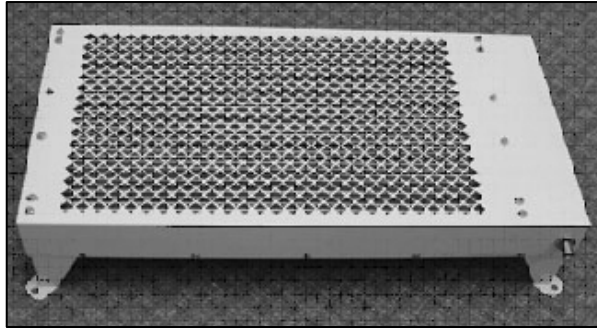
CONDENSERS AVAILABLE AS SINGLE OR DUAL

(2) 14" FANS-12 VOLT

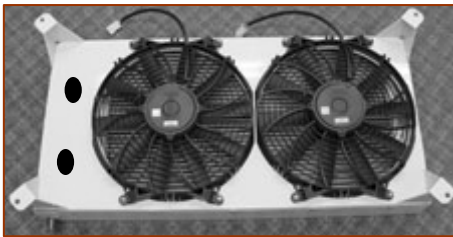
TOTAL AMPS = 20

CFM = 3,000

60,000+ BTU

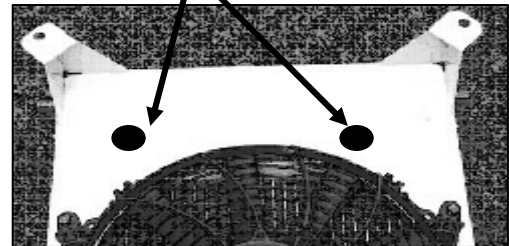


UNIT TOTAL
HEIGHT 6½"



FAN SIDE OF UNIT WIDTH 30 3/8"

HOSE CONNECTIONS



TMC 2007 - Low Profile



Length: 30"
Width: 16"
Height: 8 3/4" Single
Height: 9" Dual

SPECIFICATIONS:
(2) 12" PULLER FANS – 12
VOLT

TOTAL AMPS = 17
CFM = 2564

45,000+ BTU Dual
24,000+ BTU Single

HEIGHT OF BOX IS ONLY 4 7/8"

MOUNTS WITH THE FANS FACING UP OR DOWN BETWEEN THE BOX
& CAB OF EMERGENCY VEHICLE.

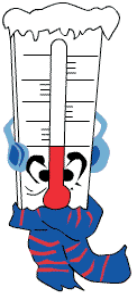
A DUAL CONDENSER UNIT [TMC2007DC] IS ONLY 9" IN HEIGHT,
WHICH INCLUDES ANGLED BRACKETS OR FOUR (4) FEET.



Mounting Feet
HEIGHT 4 1/8"



2007-MB L & R
Length: 16"
Width: 2 7/8"
Height: 4 7/8"



HOSELINE

E-CAB Environmental Cabinet

AC/DC OPERATION

LOW POWER CONSUMPTION

EXTREMELY COMPACT DESIGN

ELECTRONIC TEMPERATURE CONTROL

LONG LIFE - BRUSHLESS DC COMPRESSOR

HEATS AND COOLS TO MAINTAIN TEMPERATURE



DESCRIPTION

The Hoseline E-Cab Environmental Cabinet was specifically designed to keep pharmaceuticals, samples, chemicals and other temperature critical substances safe from environmental extremes. The built-in computer controlled monitoring system maintains set point temperature to within ± 2 degrees. Offering over 2000 cubic inches of storage, the E-Cab will maintain a user selectable temperature range of 35 °F to 80 °F in an ambient environment of -10 to 110 °F.

The control panel on the E-Cab features a large, easy to read LED display of inside temperature. Simple pushbutton operation allows for easy setting of the desired set point temperature. The temperature can be displayed in either degrees Fahrenheit or Celsius. An alert indicator illuminates should the inside temperature exceed 5 degrees above or below the desired set point. Set point and operating mode data is stored in non-volatile memory allowing the E-Cab to automatically return to proper operation in the event of a power failure. A built-in interior light insures good product visibility even in the darkest environment.

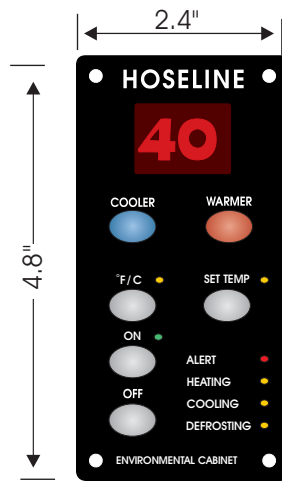
Tri-Voltage operation allows the E-Cab to operate from 12 volt vehicle power as well as 120 and 240 volt AC shore power.

A built-in power distribution system switches automatically to the appropriate power source. With average long term current draw below 1.5 amps, the E-Cab can operate continually on battery power for over 24 hours with plenty of reserve for starting the vehicle. Should the battery voltage become low, the E-Cab will shut itself off before the vehicle battery becomes too low to start the engine. When AC shore power is available, the E-Cab will automatically switch over preventing any battery drain.

The Hoseline E-Cab is constructed for long life and high reliability even under the difficult operating conditions found in the emergency vehicle environment.

The refrigeration system features an extremely efficient and reliable hermetically sealed compressor with brushless DC variable speed drive for long life and quiet operation. The air circulation fans are also of the brushless design featuring ball bearing construction.

With no filters to plug up or clean and the built in automatic defrost system along with the available stainless steel door panel and easy clean interior, the E-Cab is virtually maintenance free.



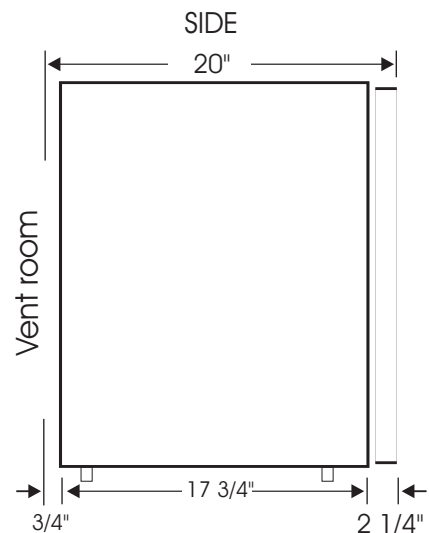
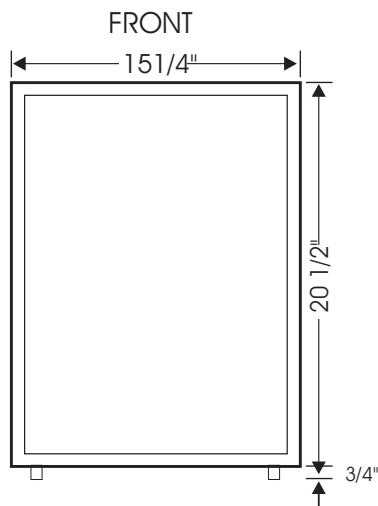
CONTROL PANEL

(Mounts Remote)

SPECIFICATIONS:

Interior Storage	Approx. 1.7 CU FT
Operating Voltage	11.6 to 15.0 Volts DC standard plus 100-240 Volts AC, 50-60 Hz with Tri-Voltage Option.
Operating Current	3 Amps @ 12 Volts with Compressor Running Long term average approx. 1.3 Amps @ 12 Volts with interior temp 40°F and exterior temp of 80°F
System	Electronic control system auto power transfer and automatic defrost cycle. Hermetically sealed variable speed compressor and 50 watt internal heater.
Set Point Range	35° to 80° F
Weight	45 lbs
Cut Out Dimensions	15 1/4"W x 20 1/2"H x 17 3/4"D

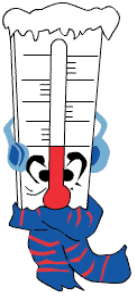
DIMENSIONS:



Features and Benefits of the Hoseline E-CAB Environmental Cabinet

1. An environmental cabinet is **NOT A REFRIGERATOR!** A refrigerator is designed to keep things cool. An environmental cabinet is designed to keep items at an exact temperature regardless of outside temperature extremes.
2. An environmental cabinet must be able to **supply heat**. If the outside temperature becomes too low, the interior of the environmental cabinet must be heated to maintain the desired temperature. A refrigerator will not do this, allowing the items stored in it to become too cold or even freeze.
3. An environmental cabinet requires **accurate temperature control**. The control system on the E-CAB environmental cabinet allows the temperature to be set in 1 degree increments from 35 to 80 degrees. The E-CAB's control system will maintain the inside temperature at this setting within +/- 2 degrees. A refrigerator, on the other hand, usually has a control that is calibrated in numbers from 1 to 10 with no reference to actual temperature at all. This type of control will also allow huge temperature swings between turn on and turn off.
4. An environmental cabinet must supply **uniform temperature distribution**. A fan is required to circulate air throughout the interior of the cabinet to keep the temperature uniform. In a refrigerator, items stored close to the evaporator may freeze while items placed further away may be at 50 degrees.
5. An environmental cabinet used in an emergency vehicle must operate on **multiple power sources**. When the vehicle is on the road, the system must be able to operate on 12 volt vehicle power. If the vehicle is parked for extended periods of time, the cabinet must **automatically** switch to 120 or 240 (European) volt shore power. The environmental cabinet must also be efficient enough to operate from the vehicle's battery for up to 24 hours without running the battery down to the point where the vehicle will not start.
6. Any system used in an emergency vehicle must be **rugged and reliable**. The temperature inside a vehicle parked in the sun on a hot day could reach over 120 degrees. On a cold day, the inside temperature could go well below freezing. The only system reliable enough to meet these extreme requirements is a compressor based refrigeration system.

**THE HOSELINE E-CAB IS THE ONLY
ENVIRONMENTAL CABINET AVAILABLE THAT
WILL MEET THESE REQUIREMENTS!**



HOSELINE

ECS-15 Environmental Cabinet System

**CONVERTS ANY EXISTING CABINET
INTO A TEMPERATURE CONTROLLED
ENVIRONMENTAL CABINET**

**ELECTRONIC TEMPERATURE CONTROL
HOLDS TEMPERATURE TO WITHIN ± 2 DEGREES**

HEATS AND COOLS TO MAINTAIN TEMPERATURE

AC/DC OPERATION

The Hoseline ECS-15 will convert any existing cabinet, up to 5 cubic feet interior volume, into a temperature controlled space ideally suited for keeping pharmaceuticals, samples, chemicals and other temperature critical substances safe from environmental extremes. Simply cut one hole in the back or side of the cabinet and mount the ECS-15. The remotely located control panel features a computer controlled monitoring system that holds set point temperature to within ± 2 degrees. Installed in a properly insulated cabinet, the ECS-15 will maintain a user selectable temperature range of 35 to 80 °F in an ambient environment of -10 to 110 F. °

The control panel features a large, easy to read LED display of inside temperature. Simple pushbutton operation allows for easy setting of the desired set point temperature. The temperature can be displayed in either degrees Fahrenheit or Celsius. An alert indicator illuminates should the inside temperature exceed 5 degrees above or below the desired set point. Operating mode and set point temperature is stored in non-volatile memory allowing the ECS-15 to automatically restore proper operation in the event of a power failure.

The Tri-Voltage option allows the ECS-15 to operate from 12 volt vehicle power as well as 120 and 240 volt AC shore power.



A built-in power distribution system switches automatically to the appropriate power source. With average long term current draw below 1.5 amps, the ECS-15 can operate continually on battery power for over 24 hours with plenty of reserve for starting the vehicle. When AC shore power is available, the ECS-15 will automatically switch over preventing any battery drain.

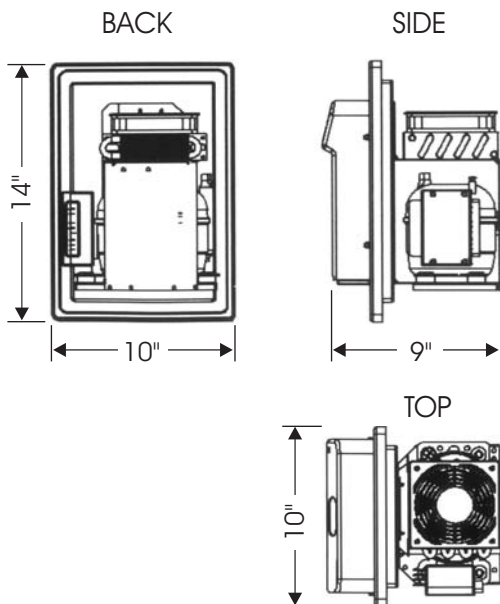
The Hoseline ECS-15 is constructed for long life and high reliability even under the difficult operating conditions found in the emergency vehicle environment.

The refrigeration system features an extremely efficient and reliable hermetically sealed compressor with brushless DC variable speed drive for long life and quiet operation. The air circulation fans are also of the brushless design featuring ball bearing construction for maintenance free operation.

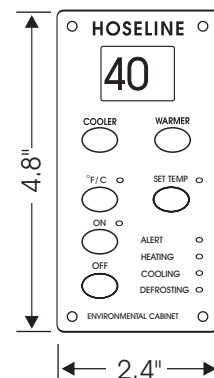
SPECIFICATIONS:

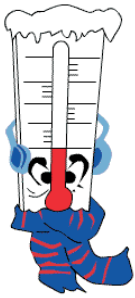
Interior Volume	5 Cubic Feet (max)
Operating Voltage	11.6 to 15.0 Volts DC Standard plus 100-240 Volts AC, 50-60 Hz with Tri-Voltage Option.
Operating Current	4 Amps @ 12 Volts with Compressor Running Long term average approx. 1.3 Amps @ 12 Volts with interior temp 40°F and exterior temp of 80°F Note: Average current draw is a function of temperature and quality of the insulation used in the cabinet.
System	Electronic control system with auto power transfer and automatic defrost cycle. Hermetically sealed variable speed compressor and 50 watt internal heater. 2 brushless D.C. fans (evaporator and condenser)
Control Panel	Control panel comes with 5 feet of wire. Can be extended up to 20' with ordinary 3 conductor thermostat wire.
Set Point Range	35° to 80° F
Weigth (approx.)	15 lbs
Dimensions	10"W x 14"H x 9"D

DIMENSIONS: ECS-15



DIMENSIONS: CONTROL PANEL





HOSELINE

E-DRAWER Environmental Drug Storage Drawer

AC/DC OPERATION

LOW POWER CONSUMPTION

EXTREMELY COMPACT DESIGN

ELECTRONIC TEMPERATURE CONTROL

LONG LIFE - BRUSHLESS DC COMPRESSOR

HEATS AND COOLS TO MAINTAIN TEMPERATURE



DESCRIPTION

When space is at a premium, the Hoseline E-Drawer is the answer. The E-Drawer was designed to keep pharmaceuticals, samples, chemicals and other temperature critical substances safe from environmental extremes. The computer controlled monitoring system maintains set point temperature to within 2 degrees. Offering over 2000 cubic inches of storage space, the E-Drawer will maintain a user selectable temperature range of 35 to 80 F in an ambient environment of -10 to 110 F.

The remotely located control panel on the E-Drawer features a large, easy to read LED display of inside temperature. Simple pushbutton operation allows for easy setting of the desired set point temperature. The temperature can be displayed in either degrees Fahrenheit or Celsius. An alert indicator illuminates should the inside temperature exceed 5 degrees above or below the desired set point. Set point and operating mode data is stored in non-volatile memory allowing the E-Drawer to automatically return to proper operation in the event of a power failure.

Tri-Voltage operation allows the E-Drawer to operate from 12 volt vehicle power as well as 120 and 240 volt AC shore power.

A built-in power distribution system switches automatically to the appropriate power source. With average long term current draw below 1.2 amps, the E-Drawer can operate continually on battery power for over 24 hours with plenty of reserve for starting the vehicle. When AC shore power is available, the E-Drawer will automatically switch over preventing any battery drain. Because the E-Drawer has its own AC power supply, it does not load the vehicle's AC converter during shore power operation.

The Hoseline E-Drawer is constructed for long life and high reliability even under the difficult operating conditions found in the emergency vehicle environment.

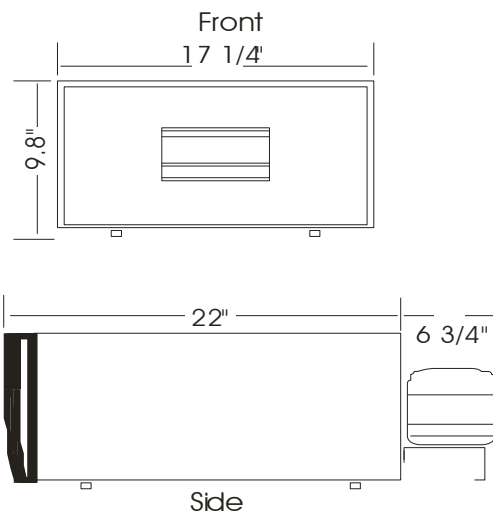
The refrigeration system features an extremely efficient and reliable hermetically sealed compressor with brushless DC variable speed drive for long life and quiet operation. The air circulation fans are also of the brushless design featuring ball bearing construction.

With no filters to plug up or clean and the built in automatic defrost system along with an easy to clean interior, the E-Drawer is virtually maintenance free. For more information, go to www.e-cabs.info

SPECIFICATIONS:

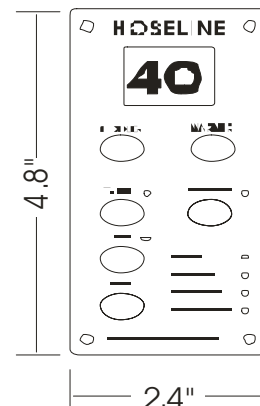
Interior Volume	2083 Cubic Inches
Operating Voltage	11.6 to 15.0 VoltsDC Standard plus 100-240 Volts AC, 50-60 Hz with Tri-Voltage Option.
Operating Current	4 Amps @ 12 Volts with Compressor Running Long term average approx. 1.2 Amps @ 12 Volts with interior temp 40°F and exterior temp of 80°F Note: Average current draw is a function of set point temperature and outside temperature.
System	Electronic control system with auto power transfer. Hermetically sealed variable speed compressor and 50 watt internal heater. Brushless D.C. fan.
Control Panel	Control panel comes with 5 feet of wire. Can be extended up to 20' with ordinary 3 conductor thermostat wire.
Set Point Range	35° to 80°F
Weight (approx.)	44 lbs
Dimensions	Drawer Cabinet 17"W x 9.8"H x 20"D Compressor Unit 17"W x 9.8"H x 6"D

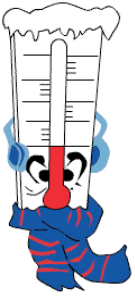
DIMENSIONS: E-DRAWER



Compressor cannot be moved

DIMENSIONS: CONTROL PANEL





HOSELINE

Overhead Environmental Cabinet

AC/DC OPERATION

LOW POWER CONSUMPTION

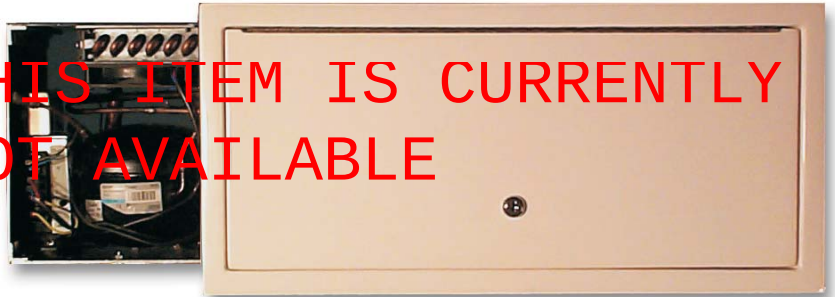
FITS IN OVERHEAD SPACE

ELECTRONIC TEMPERATURE CONTROL

LONG LIFE - BRUSHLESS DC COMPRESSOR

HEATS AND COOLS TO MAINTAIN TEMPERATURE

THIS ITEM IS CURRENTLY
NOT AVAILABLE



DESCRIPTION

The Hoseline Overhead Environmental Cabinet was specifically designed to keep pharmaceuticals, samples, chemicals and other temperature critical substances safe from environmental extremes. The built-in computer controlled monitoring system maintains set point temperature to within ± 2 degrees. The Overhead Environmental Cabinet was designed to fit in the overhead storage space in most emergency vehicles. The unit features a user selectable temperature range of 35 °F to 80 °F.

The control panel features a large, easy to read LED display of inside temperature. Simple pushbutton operation allows for easy setting of the desired set point temperature. The temperature can be displayed in either degrees Fahrenheit or Celsius. An alert indicator illuminates should the inside temperature exceed 5 degrees above or below the desired set point. Set point and operating mode data is stored in non-volatile memory allowing the control to automatically return to proper operation in the event of a power failure.

Tri-Voltage operation allows the Overhead Environmental Cabinet to operate from 12 volt vehicle power as well as 120 and 240 volt AC shore power.

A built-in power distribution system switches automatically to the appropriate power source. With average long term current draw below 1.5 amps, the system can operate continually on battery power for over 24 hours with plenty of reserve for starting the vehicle. When AC shore power is available, the E-Cab will automatically switch over preventing any battery drain.

The Hoseline Overhead Environmental Cabinet is constructed for long life and high reliability even under the difficult operating conditions found in the emergency vehicle environment.

The refrigeration system features an extremely efficient and reliable hermetically sealed compressor with brushless DC variable speed drive for long life and quiet operation. The air circulation fans are also of the brushless design featuring ball bearing construction.

With no filters to plug up or clean and the built in automatic defrost system and easy clean interior, the Overhead Environmental Cabinet is virtually maintenance free.



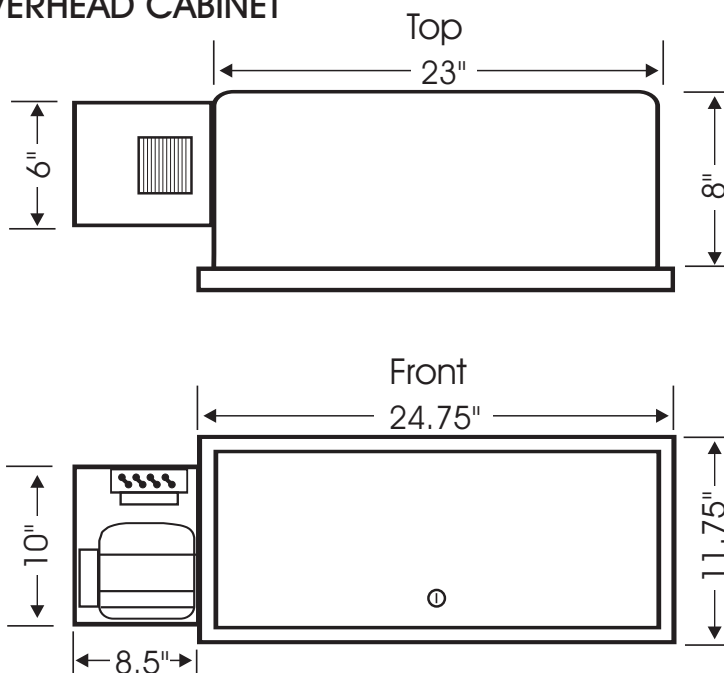
THIS ITEM IS CURRENTLY
NOT AVAILABLE



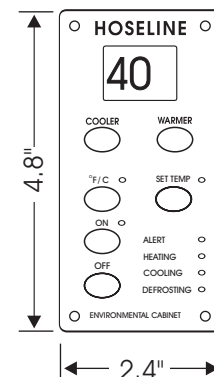
SPECIFICATIONS:

Operating Voltage	11.6 to 15.0 Volts DC Standard plus 100-240 Volts AC, 50-60 Hz with Tri-Voltage Option.
Operating Current	3 Amps @ 12 Volts with Compressor Running Long term average approx. 1.2 Amps @ 12 Volts with interior temp 40°F and exterior temp of 80°F Note: Average current draw is a function of set point temperature and outside temperature.
System	Electronic control system with auto power transfer. Hermetically sealed variable speed compressor and 50 watt internal heater. Brushless D.C. fan.
Control Panel	Control panel comes with 5 feet of wire. Can be extended up to 20' with ordinary 3 conductor thermostat wire.
Set Point Range	35° to 80° F
Weigth (approx.)	32 lbs
Inside Dimensions	20.5"W x 7.5"H x 7.5"D (Less Evaporator)

DIMENSIONS: OVERHEAD CABINET



DIMENSIONS: CONTROL PANEL





BLOWERS

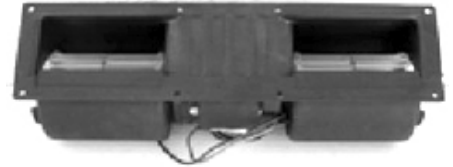
BH1300

DESCRIPTION: 12 Volt
Single speed
CFM: 310, 12.8 AMPS

USED ON:

ACHU1108, HU1161, HU1800, HU2800-12 VOLT
and HU2800-110-12volt

**CALL HOSELINE, INC. FOR ADDITIONAL
SPECIFICATION INFORMATION**



DIMENSIONS

WIDTH 14"

HEIGHT 5" (height includes blower motors)

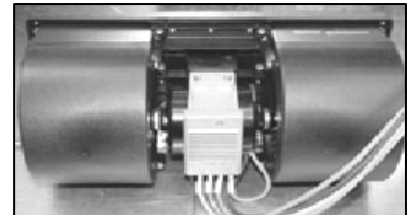
DISTANCE BETWEEN BLOWER OPENINGS 4 1/4"

BH1400-24

DESCRIPTION: 12 Volt or 24 Volt
1- 4 speeds
CFM: 580
11 AMPS

A 4 speed resistor Part# M928 is available
Can be ordered separately

**CALL HOSELINE, INC. FOR ADDITIONAL
SPECIFICATION INFORMATION**



DIMENSIONS AT MOUNTING PLATE

WIDTH 18 9/16"

HEIGHT 9" (width of blower motor only)

13.78 " (height of blower motor only) 5 1/2"

DEPTH OF BLOWER 6.54"

BH1500

DESCRIPTION: 12 Volt
1- 4 SPEEDS
CFM 630

*****NEW BRUSHLESS MOTOR*****

**CALL HOSELINE, INC. FOR ADDITIONAL
SPECIFICATION INFORMATION**



DIMENSIONS:

BLOWER MOTOR ONLY

WIDTH 13 7/8"

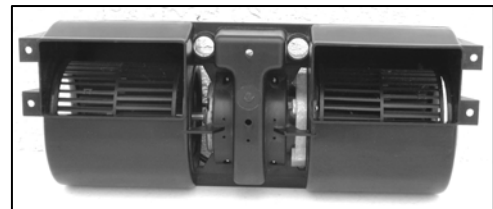
HIGHT 7"

DEPTH 5 1/2"

BH1600-23

DESCRIPTION: 12 Volt
Single speed
CFM: 650
18.0 AMPS

**CALL HOSELINE, INC. FOR ADDITIONAL
SPECIFICATION INFORMATION**

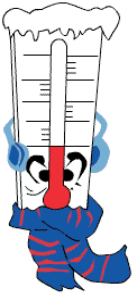


DIMENSIONS

WIDTH 18 1/2" (includes mounting tabs)

HEIGHT 7"

DEPTH= 6 1/2"



HOSELINE

Long Life Brushless D.C. Blower

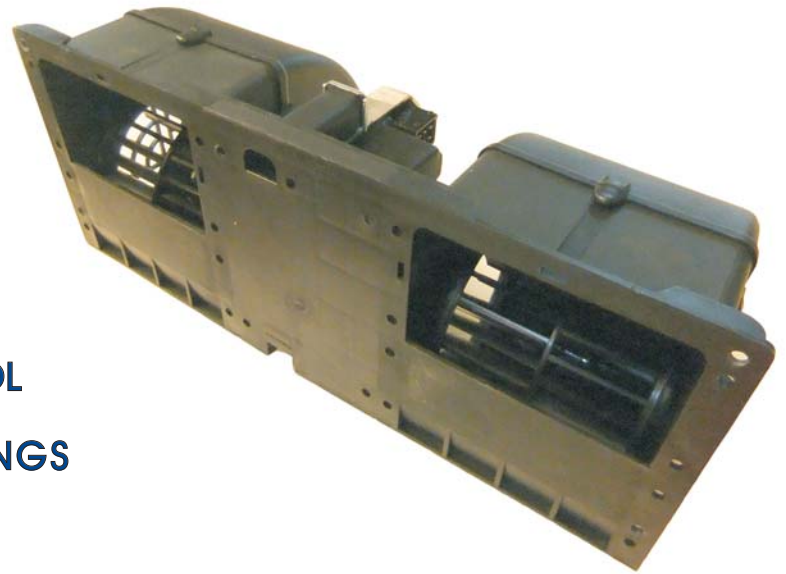
5 YEAR WARRANTY

UNLIMITED MILEAGE

NO BRUSHES TO WEAR OUT

INTEGRAL ELECTRONIC SPEED CONTROL

LIFETIME LUBRICATED SEALED BEARINGS



5 YEAR WARRANTY

The new Hoseline Brushless DC Blower was designed from the ground up for extreme reliability and long life. The single most common failure item in D.C. blower motors are the brushes. A typical brush type blower has a relatively short life span and thus requires frequent and expensive field replacement. By completely eliminating the brushes, along with other advanced design features, Hoseline has increased the life expectancy of its new BLDC blower by a factor of 5. In fact, Hoseline believes so strongly in the reliability of our new BLDC blower, that we can offer a 5 year, unlimited mileage replacement warranty.

LONG LIFE DESIGN

The Hoseline BLDC motor has only one moving part. All other motor components, including the windings, are stationary. This, along with the life-time lubricated and sealed ball bearings results in quite, vibration free operation for the full life of the motor. The motor's speed control and drive electronics are completely sealed against dirt and moisture adding to the blower's extreme

ELECTRONIC SPEED CONTROL

Hoseline's BLDC blower utilizes an internal computer controlled electronic motor drive that offers fully variable speed control without the use of external resistors, thus reducing system cost and increasing overall reliability. By eliminating the brushes, EMI that can interfere with sensitive medical devices and communications equipment is greatly reduced. The electronic drive circuitry utilizes soft-start technology to reduce inrush start current and is further filtered for even greater EMI reduction. A simple 0-10 volt, low current control signal is all that is required for full speed control.



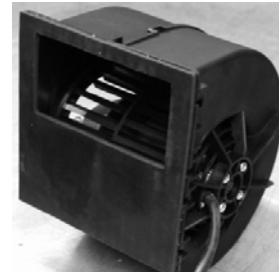
The Hoseline BLDC blower motor offers sealed ball bearings and stationary windings insuring long life and smooth, vibration free operation.



BLOWERS

BH-TA0140005

DESCRIPTION
12VOLT
290 CFM 15.5 AMPS
SINGLE SCROLL BLOWER
USED ON HEPA FILTER SYSTEM



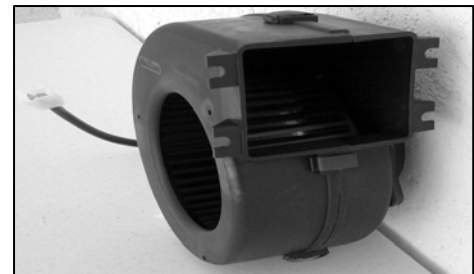
**CALL HOSELINE, INC. FOR ADDITIONAL
SPECIFICATION INFORMATION**

DIMENSION: HEIGHT 6 3/4" DEPTH 5
(from edge of output flange to rear of blower)
WIDTH 5 1/2" (including blower motor)

BH-4400

DESCRIPTION
12 VOLT
300 CFM AT STATIC PRESSURE OF 0.25 AT 10 AMPS

FEATURES FLUSH MOUNT



DIMENSIONS:
HEIGHT 7.95" (from bottom unit to top output flange)
DEPTH 7" (from output flange to rear of blower)
WIDTH 4.88"

FANS

12 VOLT 8" PULLER FAN (PART # 890026-2-W)
12 VOLT 8" PUSHER FAN (PART # 890028-2-W)
12 VOLT 9" PULLER FAN (PART # 810026-W)
12 VOLT 9" PUSHER FAN (PART # 810028-W)
12 VOLT 12" PULLER FAN (PART # 860026-2-W)
12 VOLT 12" PUSHER FAN (PART # 860028-2-W)
24 VOLT 12" PUSHER FAN (PART # TB0030018-24VBL)
12 VOLT 14" PULLER FAN (PART # TA14R2002-PULLER)
12 VOLT 14" PUSHER FAN (PART # TA14R2002-PUSHER)
12 VOLT 16" PULLER FAN (PART # 840025-1W)
12 VOLT 16" PUSHER FAN (PART # 840030-1W)

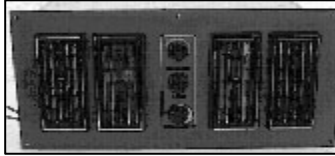


NOTE:
HOSELINE, INC. CAN PROVIDE ANY SIZE 12 VOLT
PULLER OR PUSHER FANS REQUIRED IN YOUR SYSTEM.
THE ABOVE LISTED FANS ARE IN STOCK AT
HOSELINE, INC. FANS ARE EQUIPPED WITH MOUNTING
FEET: #50025, 90 DEGREE (PULLER) #50027, STRAIGHT (PUSHER)



FACEPLATES

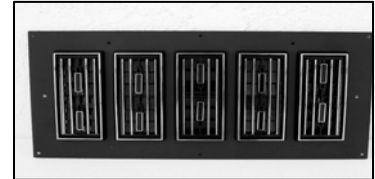
Part No 1100-1 with Bezels
and decal used w/ 1100 unit



H10"
W 20"

Part No 1100-7A with Bezels used
with 1106 unit

H 10"
W 20"



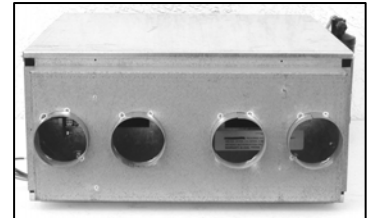
Part No. 1100-2 with Bezels
used on ACHU1131 Unit

1100-7

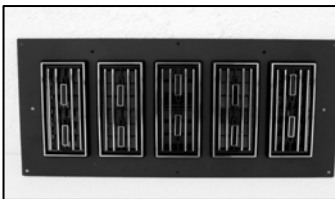


H 10"
W 20"

Part No. 1100-7B Back Plate for
ACHU1106 Unit.
Duct Connectors
attaches
to this part.



Part No. 1100-3



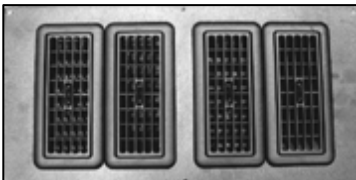
H10½"
W 20"

PART NO. 1100-8 HORIZ LOUVERS



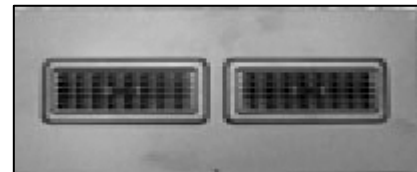
H 10"
W20"

Part No. 1100-4 NEW Bezel 10.633.00



H 10"
W 20"

Part No. 1100-2H NEW Bezel 10.633.00

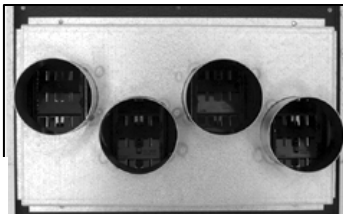


H10"
W 20"

Part No. 1100-5B Back Plate For Air Duct
Connectors. 1106
Unit

H 10"
W 14"

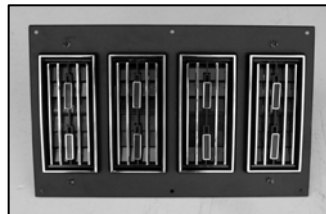
5 mounting Holes accross
the top and bottom



Part No. 1100-9 used on 9-3031-15

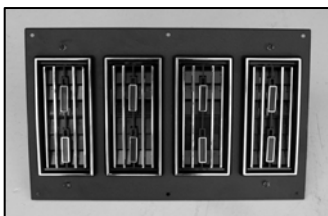
H 10"
W 14"

3 Mounting Holes accross
the top and bottom



Face Plate 1100-5
used on 1106

H 10"
W 14"
Attaches to 1100-5B



Part No. 1100-110
used with 110-12 Volt
Combo

H 11"
W 23"





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BLOWER BAFFLES

1103-BB-3-45 4 - 3" HOLES 	1100-5-B 4 - 3" HOLES 	1103-BB 4 - 3" HOLES 
3003-BB 3 - 3" HOLES 	1131-VB 1 - 3" HOLE 	11-00-7 4 - 3" HOLES 
1118-BB-25-3 2 - 2 1/2" and 2 - 3" HOLES 	1103-BB 4 - 2 1/2" HOLES 	1103-BB 4 - 2" HOLES 
1131-BB 6 - 2" HOLES 	1131-BB-15 6 - 1 1/2" HOLES 	1103-BB-1.5-8 8 - 1 1/2" HOLES 



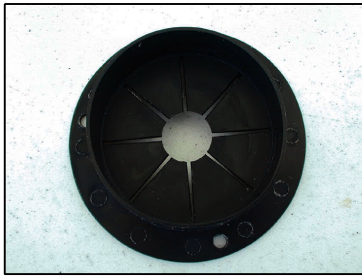
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GRILLES LOUVERS VENTS

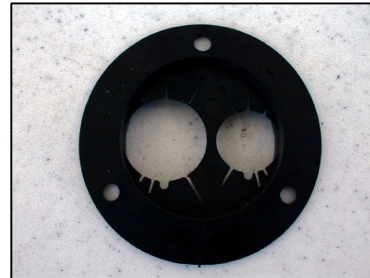
1681 HOSE or WIRE PROTECTOR

Outside Dia. 3 7/8"
CENTER HOLE 1/2" EXPANDS TO 2 3/4"



1683 HOSE or WIRE PROTECTOR

Outside Dia. 2 7/8"
HOLE SIZES: 1" and 1/2"



268-4HS MOD

OUTSIDE DIMENSIONS:

FRONT

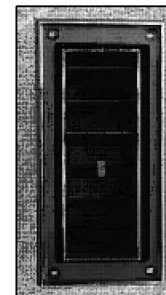
HEIGHT 5 3/4" NOTE: (not for ducting)
WIDTH 2 7/16"

REAR

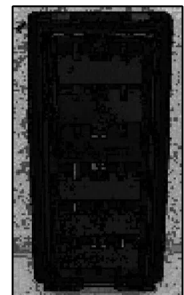
4 3/4"
1 7/8"

Attractive Chrome Trim

FRONT



REAR



268-4HS NON-MOD (for Ducts)

OUTSIDE DIMENSIONS

FRONT

REAR:

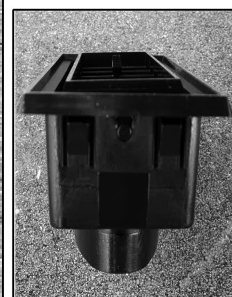
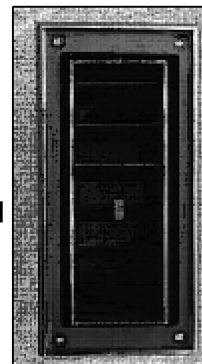
HEIGHT 5 3/4" 4 3/4"

WIDTH 2 7/16" 1 1/4" RECTANGLE AREA DEPTH

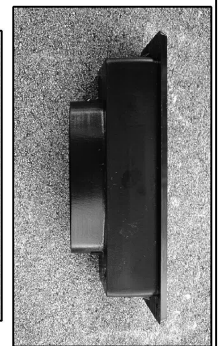
TOTAL DEPTH: 2 1/2"

DUCT HOSE SIZE 2 1/2"

Attractive Chrome Trim



3-D VIEW



10.153.02 BEZEL

OUTSIDE DIMENSIONS:

FRONT

BACK

HEIGHT 7"

5 5/16"

WIDTH 3"

2 3/16"

USED AS STANDARD FACE PLATE VENT
ATTRACTIVE CHROME TRIM

STANDARD FACE PLATE VENT





GRILLES LOUVERS VENTS

10.500.02

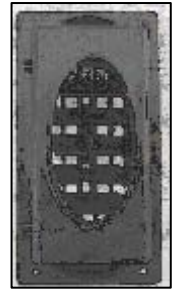
{USES 2 1/2" DUCTING}
THE OVERALL WIDTH 2 1/2"
LENGTH 5 3/4"

RECTANGLE PART BEHIND LOUVER:
WIDTH 2"
HEIGHT 4 3/4"

SIDE



FRONT



REAR

10.632.00

MOUNTING HOLE
WIDTH 9 5/8"
HEIGHT 2 3/4" (when mounting in a horizontal position)
DEPTH 1" (thickness)



NEW 10.633.00

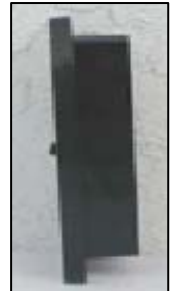
MOUNTING HOLE OUTSIDE WIDTH 8"
WIDTH 7 3/8" HEIGHT 3 1/4" DEPTH 1 1/2"



19344-A-HS-M

HEIGHT 5 1/2"
WIDTH 10 1/4"

TOTAL DEPTH
FRONT to BACK
1 1/8"



10.888.00 Dome 2 1/2" Ducting 10.888.03 Dome 3" Ducting



4"



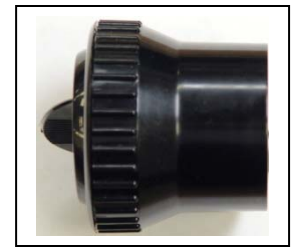
2 1/2"
3 5/8"

Previously Part #2236-A-3

2080-A



FRONT VIEW



SIDE VIEW

FRONT DIAMETER 2 1/2"
HEIGHT 2 3/4"
REAR DIAMETER of ROUND PORTIONS
WHERE DUCT ATTACHES 1 15/16"

2" DUCTING REQUIRED



GRILLES LOUVERS VENTS

2223 BLACK or GRAY

DIMENSIO NS
WIDT H 12"
HEIGHT 2.75"
DEPTH 0.51"



2226 BLACK

DIMENSIONS
WIDT H 12"
HEIGHT 5.5"
DEPTH 0.51"



**2226 FX
GRAY**

2241 BLACK

DIMENSIO

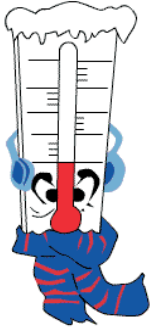
NS
WIDTH 6 1/4"
HEIGHT 5 1/2"
DEPTH 0.51"



2241-FT

GRAY





HOSELINE

Model APS-253 ULTRAVIOLET AIR PURIFICATION SYSTEM

KILLS AIRBORNE MICROORGANISMS

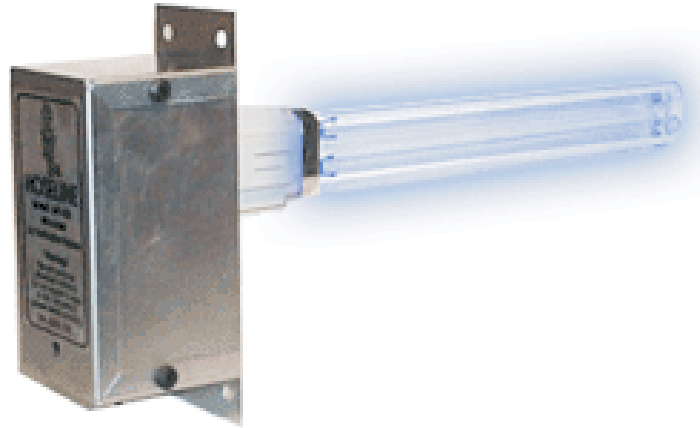
LONG LIFE - HIGH EFFICIENCY LAMP

MICROCOMPUTER CONTROLLED BALLAST

EXTREMELY COMPACT DESIGN

LOW POWER CONSUMPTION

12 VOLT D.C. OPERATION



DESCRIPTION

The use of short-wave ultraviolet radiation (UV-C) to kill airborne bacteria, viruses, mould and other microorganisms has been used in hospitals, laboratories and food processing plants for a number of years. Hoseline now brings this proven air purification technology to the mobile environment. The APS-253 Ultraviolet Air Purification System is an extremely compact and effective solution to the air quality problem in ambulances and other emergency vehicles.

HIGH EFFICIENCY - LONG LIFE

The Hoseline Model APS-253 uses a special long life, high output ultraviolet lamp designed to provide over 8000 hours of useful ultraviolet radiation. That's over 1 year of continuous operation! Unlike other ultraviolet lamps, the special glass used in the APS-253's lamp produces no ozone. This is important in confined spaces such as vehicles. The high efficiency lamp, coupled with the solid state, microcomputer controlled ballast makes the APS-253 ideal for vehicular HVAC systems. The entire system requires less than 2 amps at 12 volts.

KILLS ON SIGHT

While filtering is an effective way to remove large contaminants from the air, smaller microorganisms such as bacteria, viruses and mold spores can easily pass right through the finest of filters. Exposure to ultraviolet light is the most effective way to eliminate or reduce these microorganisms. When used with a vehicle's HVAC system, the APS-253 exposes all the air in a vehicle to ultraviolet radiation over 40 times an hour. See the reverse side of this page for a table of microorganisms that can be eliminated or reduced by exposure to ultraviolet radiation.

EASY INSTALLATION

The model APS-253 Ultraviolet Air Purification System can be easily installed in existing equipment or incorporated into new designs. For more information on how you can add ultraviolet air purification to your vehicle, contact Hoseline at (407) 892-2599.



ULTRAVIOLET AIR PURIFICATION SYSTEM – APS 253

Ultraviolet radiation in the 253 nanometer wavelength (as produced by the APS-253) has proven to be effective in the destruction of the following microorganisms.

Bacteria

Bacillus anthracis
B. megatherium (veg.)
B. megatherium (spores)
B. paratyphosus
B. subtilis (spores)
Clostridium tetani
Corynebact diphtheriae
Eberthella typhosa
Escherichia coli
Leptospira Spp. (Infectious jaundice)
Micrococcus candidus
Micrococcus piltonencis
Micrococcus sphaeroides
Mycobacterium tuberculosis
Mycobacterium tuberculi
Neisseria Catarrphalis
Phytomonas tumefaciens
Proteus vulgaris
Pseudomonas aeruginosa
Pseudomonas fluorescens
Salmonella enteritis
S. typhosa (Typhoid fever)
S. paratyphi (Enteric fever)
Sarcina lutea

Serratia marcescens
Shigella dysentery (Dysentery form)
Shigella flexneri (Dysentery form)
Shigella paradysenteriae
Spirillum rubrum
Staphylococcus albus
Staphylococcus aureus
Streptococcus hemolyticus
Streptococcus lactis
Streptococcus viridans
Vibro comma-Cholera

Yeasts

Common yeast cake
Sacchsromyces ellipsoideus
Saccharomyces cerevisiae
Torula sphaerica

Algae

Diatoms
Green algae
Blue algae

Protozoa

Paramecium

Worms

Nematode eggs

Mold spores

Aspergillus amstelodami
Aspergillus flavus
Aspergillus glaucus
Aspergillus niger
Cladosporium herbarum
Mucor mucedo
Mucor racemosus
Oospora lactis
Penicillium digitatum
Penicillium expansum
Penicillium chrysogenum
Penicillium roqueforti
Rhizopus nigricans



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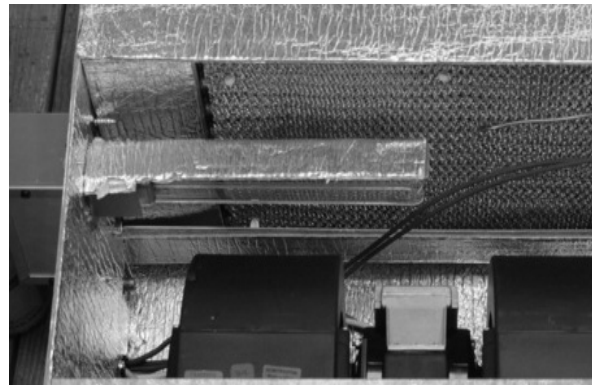
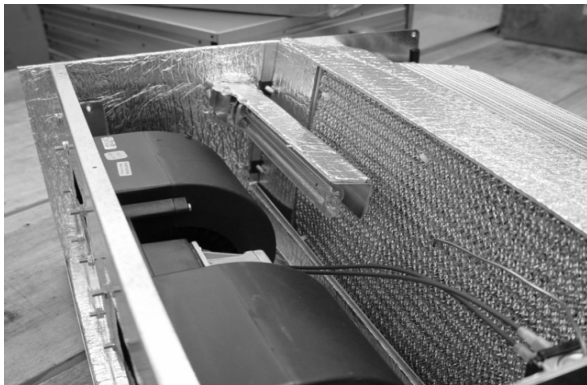
ULTRAVIOLET AIR PURIFICATION SYSTEM [Patent Pending]

ULTRAVIOLET AIR PURIFICATION SYSTEM

KILLS AIRBORNE MICROORGANISMS ON SIGHT
LONG LIFE – HIGH EFFICIENCY LAMP
MICROCOMPUTER CONTROLLED BALLAST
EXTREMELY COMPACT DESIGN
LOER POER CONSUMPTION
12 VOLT OPERATION

KILLS AIRBORNE BACTERIA, VIRUSES, MOLD and
OTHER MICROORGANISMS

**PROVEN TO BE EFFECTIVE IN THE
DESTRUCTION OF BACILLUS ANTHRACIS
(ANTHRAX)**





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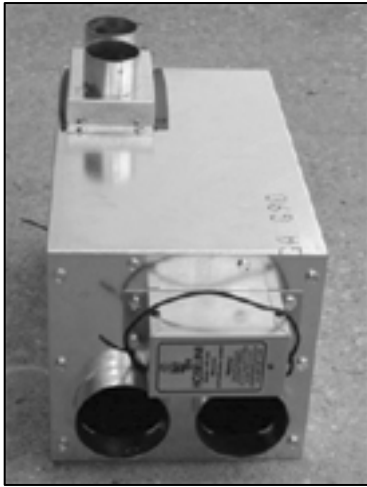


ULTRAVIOLET AIR PURIFICATION SYSTEMS

ULTRAVIOLET AIR PURIFICATION SYSTEM 1000

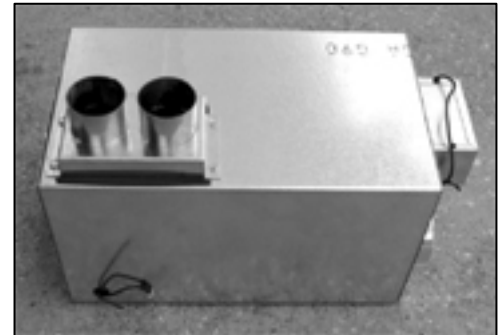
WITHOUT HEPA FILTER

KILLS AIRBORNE MICROORGANISMS ON SIGHT
LONG LIFE – HIGH EFFICIENCY LAMP
MICROCOMPUTER CONTROLLED BALLAST
EXTREMELY COMPACT DESIGN
LOW POWER CONSUMPTION



12 VOLT OPERATION

KILLS AIRBORNE BACTERIA,
VIRUSES, MOLD and OTHER
MICROORGANISMS



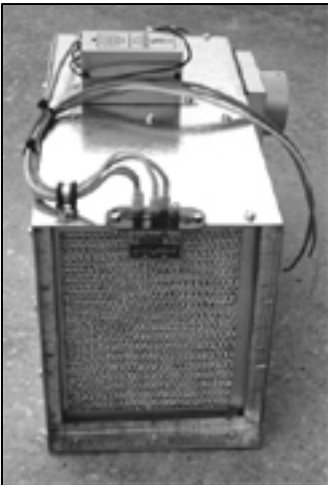
Mounting Dimensions
W 16 1/2"
H 10 1/2" includes vent
D 8 5/16"

**PROVEN TO BE EFFECTIVE IN THE DESTRUCTION
OF BACILLUS ANTHRACIS (ANTHRAX)**

ULTRAVIOLET AIR PURIFICATION SYSTEM 2000

WITH HEPA FILTER

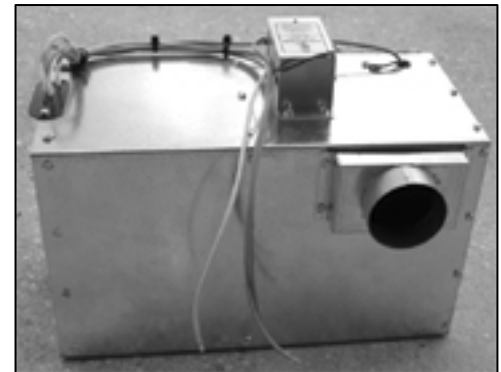
KILLS AIRBORNE MICROORGANISMS ON SIGHT
LONG LIFE – HIGH EFFICIENCY LAMP
MICROCOMPUTER CONTROLLED BALLAST
EXTREMELY COMPACT DESIGN
LOW POWER CONSUMPTION



12 VOLT OPERATION

KILLS AIRBORNE BACTERIA,
VIRUSES, MOLD and OTHER
MICROORGANISMS

W 10 3/4"
H 12 1/2"
D 17 1/2"



Specifications and Dimensions
9 3/4 x 7 5/8 x 1/2 EZ Clean Filter
9 3/4 x 7 5/8 x 2 Charcoal Filter
9 3/4 x 7 5/8 x 3 1/2 Hepa Filter
BH4400 Blower
APS-254 UV Light

**PROVEN TO BE EFFECTIVE IN THE DESTRUCTION
OF BACILLUS ANTHRACIS (ANTHRAX)**



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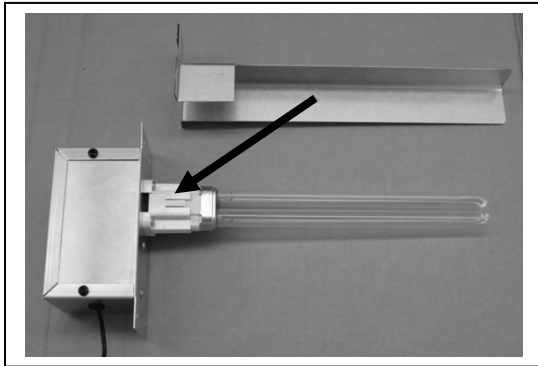
(407) 892-2599 FAX Toll Free 800-892- 8143

email: sales@hoseline.com

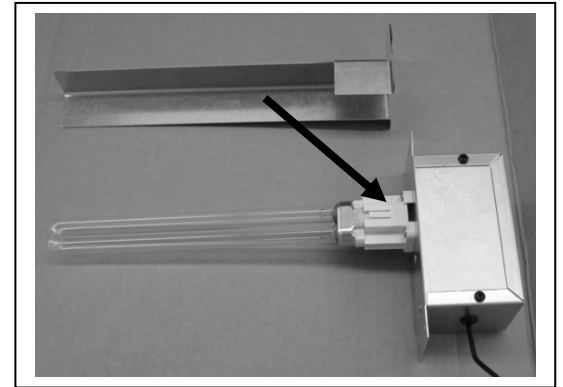


**Part # Uvlightcover-L
Uvlightcover-R**

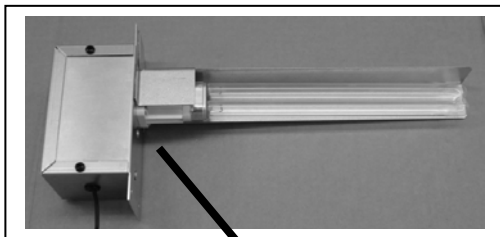
Left hand UV Protector



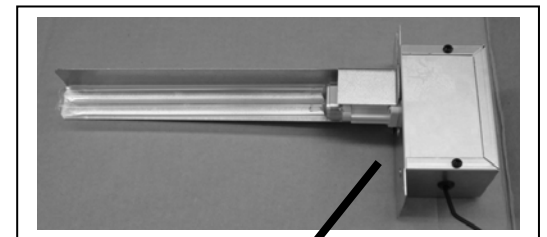
Right Hand UV Protector



Left Hand UV Light With Protector

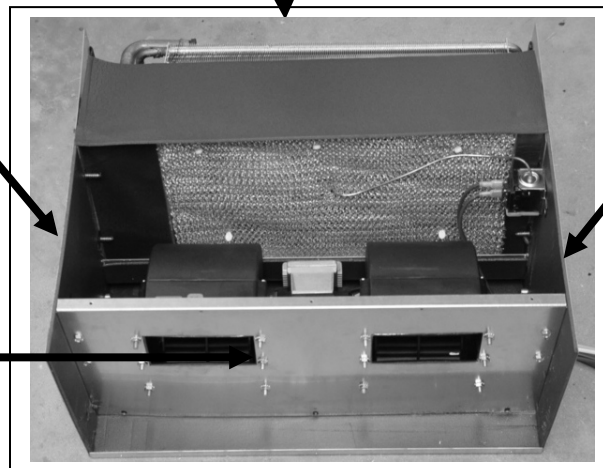


Right Hand UV Light With Protector



Evaporator

Blower



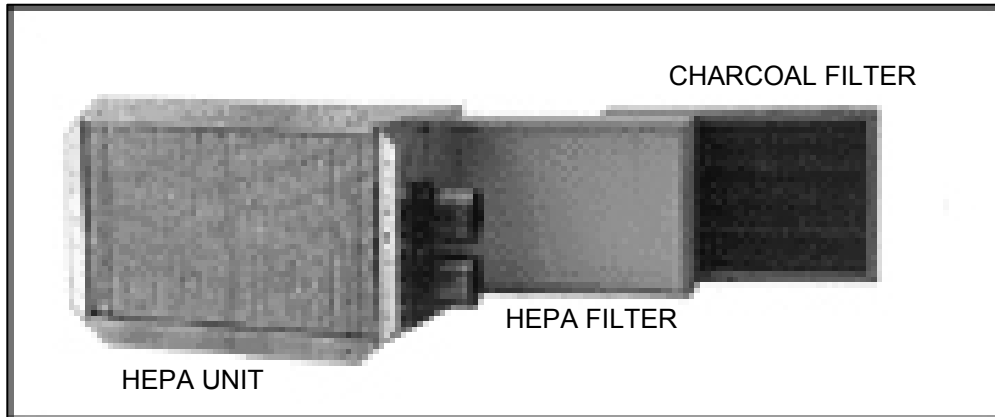
You can tell which UV Protector you need on **Most Units** by looking at the **blower** and seeing which side your UV light is on. If the light is mounted on the left hand side of the blower it's a Left, if it's mounted on the right hand side it's a right. Some units are mounted with the Evaporator facing out and the blower pointing up. This is an updraft unit, if you have a updraft and the **Evaporator** is facing out you will need a left hand UV Protector if the light is installed on the Right and a Right hand UV Protector if the light is installed on the left.



HEPA FILTER SYSTEMS

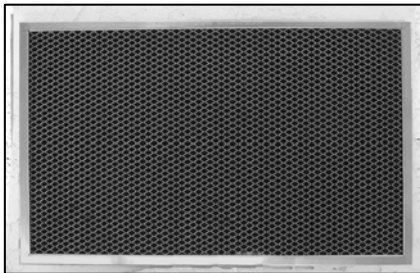
HF3001

- THE HEPA FILTER SYSTEM MAY BE INSTALLED BENEATH A SQUAD BENCH IN THE BACK OF AN AMBULANCE.
- THE HEPA SYSTEM USES A 12 VOLT BLOWER
- 3" DUCT HOSES ARE PROVIDED WITH THE UNIT



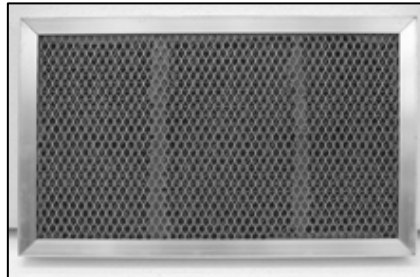
DIMENSIONS of UNIT WIDTH 18 3/8" DEPTH 13" HEIGHT 14"

FILTERS



EZ CLEAN FILTER

HF3001 Part No. FILTER10x16x1/2



CHARCOAL FILTER

Part No. FILTER10x16x2



HEPA FILTERS

Part No. FILTER10x16x3 1/2

SEE PAGE 60 FOR SIZES / PART NUMBERS

THE EZ CLEAN FILTER IS USED PRIMARILY TO FILTER DUST PARTICLES.

THE CHARCOAL FILTER PROVIDES

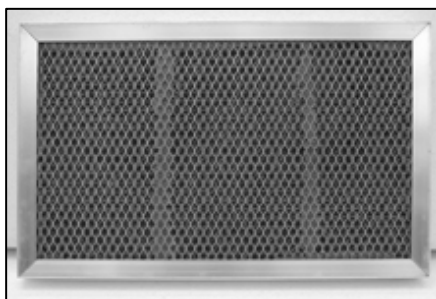
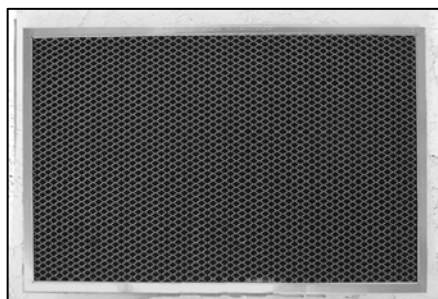
1. A HIGH SINGLE PASS EFFICIENCY WILL BE ACHIEVED AND ODOR/POLLUTION CONTROL WILL NOT BE SOLELY DEPENDENT UPON RE-CIRCULATION.
2. EFFICIENCY IS NOT DEPENDENT UPON THE COMPOUND BEING SOLUBLE, NOR IS IT LIMITED BY THE LAWS OF PARTIAL PRESSURE.
3. NOTHING IS ADDED TO THE AIR STREAM AND CLEAN PUREE AIR CAN BE ENJOYED.
4. CORROSION RESISTANT MATERIALS ARE NOT NORMALLY REQUIRED.

THE HEPA FILTER PROVIDES (0.3 MICRON) PROTECTION WITH AN EFFICIENCY OF 99.7 TO 99.9%

CALL HOSELINE INC. FOR ADDITIONAL SPECIFICATION INFORMATION



FILTERS



Filters need to be ordered by size & description.

EZ CLEAN FILTER

10" x 16" x 1/2"
14" x 9 1/2" x 1/2"
15" x 8 7/8" x 1/2"
9 3/4" x 7 3/4" x 1/2"

CHARCOAL FILTER

10" x 16" x 2"
14" x 9 1/16" x 7/8"
15" x 8 7/8" x 7/8"
9 3/4" x 7 3/4" x 1 7/8"

HEPA FILTER

10" x 16" x 3 1/2"
14" x 9 1/16" x 2 7/8"
15" x 8 7/8" x 1 7/8"
9 3/4" x 7 3/4" x 3 7/8"

REUSABLE CHARCOAL / EZ CLEAN FILTERS

18" x 11" x 1/2"
16" x 9" x 1/2"
24" x 8" x 1/2"
18" x 10 1/2" x 1/2"
16 1/4" x 8" x 1/2"
24" x 8" x 1/2"
16 1/4" x 9 1/2" x 1/2"

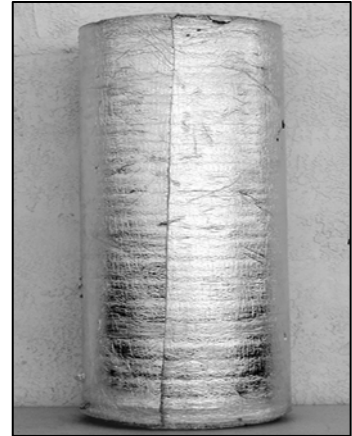
CALL HOSELINE INC. FOR ADDITIONAL SPECIFICATION INFORMATION



LOW-E REFLECTIVE INSULATION

PART No. LE4X125

500 SQUARE FEET PER ROLL



COLOR/FINISH ALUMI
POLISHED

NUM/HIGHLY
METALLIC

NOMINAL

1/4" (1/8" ALSO AVAILABLE)

WEIGHT

.75 OZ / SQ FT

TEMPERATURE RANGE

-60 DEGREES F to =180 DEGREES F

FLAME SPREAD

0 UNITED STATE TESTING CO ASTM 3 84-89A

SMOKE DEVELOPMENT

20 UNITED STATE TESTING CO ASTM 3 84-89A

EMISSIVITY 0.032+0.013

PERM RATING

0.068

LINEAR SHRINKAGE

NONE

FIRE RATING

Material Acceptable in accordance with ASTM Guide E 603-77 (83), UL Standard 1715, and Uniform Building Code Standard 17-5

R-VALUE

R-Values may vary according to installation

PROTECTIVE EQUIPMENT

NONE EXCEPT EYE PROTECTION

APPLICATION

MEETS FIRE and SMOKE SAFETY REQUIREMENTS OF MOST FEDERAL, STATE and LOCAL BUILDING CODES



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email: sales@hoseline.com



Insultube and Foam Insulation



Insultube

6' long
1-1/8" Inside diameter
3/8" outside diameter



1/8" thick foam with sticky
back

9" wide

50' long



DUCT HOSE

DUCT HOSE P.V.C

NON-METALLIC HELIX

RE-ENFORCEMENT-BVH

PART No. DH 3X50 = 3"

PART No. DH 2.5x50 = 2 1/2"

PART No. DH 2.0x50 = 2"

PART No. DH 1.5X50 = 1 1/2"



AIR CONDITIONING/DEFROSTER HOSE

TEMPERATURE RANGE
-0 to +180 DEGREES F

PVC HELIX will not rust, transmit vibrations, or short-out wiring

COLOR BLACK

PVC HELIX allows hose to return to original diameter after distortion or crushing

DIAMETERS
LENGTH 50

1 1/2", 2", 2 1/2" AND 3" (in stock)*
feet

PVC HELIX will allow hose to squeeze through narrow spaces, install on rectangular or elliptical connectors.

* Other lengths and diameters available upon request.

Exceeds the requirements of Yacht Safety Bureau Standard E38.

Exceeds the requirements of Motor Vehicle Safety Standard 202.

Exceeds the burn requirements of Underwriters Laboratories, UL 94.

Additional applications	Cleaning Equipment (Venting) Photo Reproduction Equipment Fine dust collection systems
Fume Cloths,	removal dryers Inboard boat ventilation



HEATER HOSE

NO MAX HEATER HOSE
Available: 5/8 and 3/4"

PART No. 00473039202= 5/8 "
PART No. 764575= 3/4 "



TEMPERATURE RANGE -40 to +250 DEGREES F

MAX RECOMMENDED PSI 75 PSI

4:1 SAFETY FACTOR

COLOR of TUBE and COVER BLACK

MULTIPLE TEXTILE PLIES



AC HOSE

BARRIER FREON HOSE STYLE BH

SAE J51b
TYPE AII

PART No. SAE J2064



PART No.	HOSE SIZE (NOMINAL) I.D. (IN).	HOSE SIZE (NOMINAL) O.D. (IN)	MAX RECOM WORKING PRESSURE (PSI)	MINIMUM BURST PRESSURE (PSI)	WEIGHT PER 100 FT (LBS)	BEND RADIUS MINIMUM (IN)
6BH	5/16	.750	350	2000	21	4.0
8BH	13/32	.906	350	2000	31	4.7
10BH	1/2	1.000	350	2000	35	5.5
12BH	5/8	1.125	350	2000	41	6.5

TUBE Nitrile/Nylon/Nitrile Barrier Construction

Reinforcement One textile braid

Cover Oil, abasion, ozone 7 heat reistant

Recommended Temperature Range -40 to +260 degrees F

CUSTOM MADE AC HOSES WITH SPECIAL FITTINGS TO YOUR SPECIFICATIONS ARE ALSO AVAILABLE.

**LET US KNOW HOW WE CAN HELP YOU WITH YOUR
"HOSE LINES"!!!!**



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SILICONE and DRAIN HOSE

SILICONE HEATER HOSE - BLUE

PART No. 5526

BULK 400' PER REEL – will cut to 50' increments
NYLON REINFORCED

IMPORTANT CLAMPING INSTRUCTIONS

DO NOT USE SERRATED, SLOTTED or WIRE TYPE CLAMPS.

WORM GEAR or CONSTANT TORQUE TYPE STAINLESS
STEEL CLAMPS WITH INNER LINER ARE RECOMMENDED
FOR SILICONE HEATER and COOLANT HOSE.

INITIAL CLAMP TORQUE SHOULD BE 40" lbs.

IF RETORQUING IS REQUIRED IT SHOULD BE LIMITED TO 20" lbs.

MEETS or EXCEEDS 5526 SPEC and SAEJ20 PART III SPECIFICATIONS.



VARIOUS INSIDE DIAMETER AVAILABLE

CLER VINYL TUBING

PART No. DH5 10 ½ X ¾

DRAIN HOSE CL70

HIGH QUALITY FLEXIBLE PVC

HIGH GLOSS CLEAR APPEARANCE WITH GLASS SMOOTH
INTERIOR TO REDUCE SEDIMENT BUILDUP

USDA CHEMICALLY ACCEPTABLE

SELF-EXTINGUISHING FOR FIRE PROTECTION
SPECIFICATIONS

NSF CERTIFIED UNDER STANDARD 51

NON TOXIC GRADE

STANDARD FOOTAGE PER CARTON – 100 FEET



90 degree Black Barbed
D.T. ½ W/barbs
PART No. 1875



DRAIN HOSE PLUG
PART No. 838



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OILS, FLUSH and COOLANT

Oil HL 134A 8 oz. With Dye



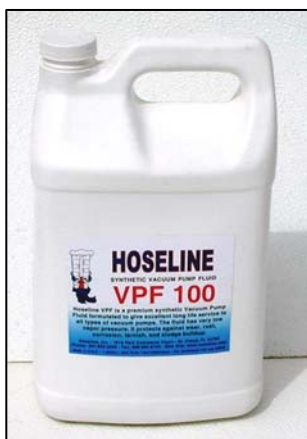
Oil HL 134A Gal Polyol Ester With Dye



Oil HL 1222 Gal R12 & R22 (NOT for 134a)



Oil HL VFP 100 Gal Vacuum Oil



PAG Oil with Dye 8 oz



PAG Oil with Dye Gal Part No. HL4055-100



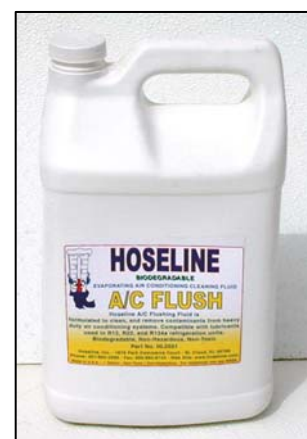
Dye 700008US All Purpose A/C Dye 134A PAG, Ester, Mineral Oils



Motor Max Cooling System Additive PART No. MMAX



A/C Flush PART No. HL2031 Gallon Container





HOSELINE, INC. (407) 892-2599
FAX Toll Free 800-892- 8143 email: sales@hoseline.com



HOSELINE

OZONE-FRIENDLY
SYNTHETIC AIR CONDITIONING LUBRICANT

Hoseline, Inc. - 1619 Park Commerce Court - St. Cloud, FL 34769
Phone: 407-892-2599 - Fax: 800-892-8143 - Web Site: www.hoseline.com

HFC 134a WITH UV DYE

Developed Specifically For Heavy Duty Truck & Emergency Vehicles

HOSELINE lubricants are premium, specially manufactured Polyol Ester Refrigeration Compressor Lubricants. They are manufactured with an advanced technology additive system designed to provide superior protection for all HFC and blended refrigerant systems. HOSELINE has extraordinary solubility in refrigeration systems and is formulated to provide superior lubricity and protection for refrigeration compressors. HOSELINE lubricants have exceptional chemical and thermal stability to provide extra long service life in all types of refrigeration systems.

- Excellent Oxidation Stability
- High Viscosity Index
- High Flash & Auto Ignition Points
- Very Low Volatility
- Extremely High Film Strength
- Exceptional Solubility in HFC Refrigerants
- Carbon and Varnish Removal
- Reduced Maintenance Costs
- Excellent Materials Compatibility
- Excellent Rust & Corrosion Control
- Reduced Compressor Downtime

Typical Properties

Lubricant Designation	32	46	68	100	150
Viscosity Index	121	123	124	120	126
Viscosity cSt @ 40 °C	32.5	45.6	68.7	98.8	148.0
Viscosity cSt @ 100 °C	5.8	7.3	9.8	12.5	17.2
Flash Point °F	440	450	475	520	522
Auto-Ignition Point °F	732	741	759	801	805
Pour Point °F	-52	-50	-46	-38	-33
Copper Corrosion, 24 Hr.	1a	1a	1a	1a	1a



HOSELINE

AIR CONDITIONING LUBRICANT WITH UV DYE

Hoseline, Inc. - 1619 Park Commerce Court - St. Cloud, FL 34769
Phone: 407-892-2599 - Fax: 800-892-8143 - Web Site: www.hoseline.com

PAG

HOSELINE PAG lubricants are premium, specially manufactured blended Polyalkylene Glycol Refrigeration Compressor Lubricants. They are manufactured with an advanced technology base fluids and additive system designed to provide superior protection for automotive HFC refrigerant systems. HOSELINE PAG have extraordinary solubility in refrigeration systems and is formulated to provide superior lubricity and protection for refrigeration compressors. HOSELINE PAG lubricants have exceptional resistance to water, superior chemical and thermal stability which provides extra long service life in all types of refrigeration systems.

- Excellent Oxidation Stability
- High Viscosity Index
- High Flash & Auto Ignition Points
- Exceptional Anti-Wear Protection
- Extremely High Film Strength
- Exceptional Solubility in HFC Refrigerants
- Reduced Maintenance Costs
- Excellent Materials Compatibility
- Excellent Rust & Corrosion Control
- Increased Compressor Reliability
- Exceptional Resistance to Carbon and Varnish Deposits

Typical Properties

Lubricant Designation	PAG-46	PAG-100	PAG-150
Viscosity Index	186	185	189
Viscosity cSt @ 40 °C	46.2	101.3	148.7
Viscosity cSt @ 100 °C	9.2	17.1	23.5
Flash Point °F	420	403	397
Auto-Ignition Point °F	714	692	681
Pour Point °F	-51	-47	-41
Copper Corrosion, 24 Hr.	1a	1a	1a



ICE 32

The Automotive Air Conditioning Lubricant Enhancer For All Seasons

What is ICE 32?

A treatment for automotive air conditioning systems. This treatment Dramatically and Instantly improves the effectiveness of your automotive Air Conditioning system.

How does it work?

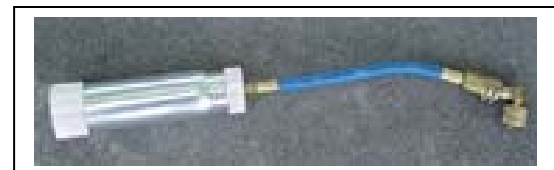
- **Reduces friction, which cuts down wear on metal parts and seals**
- **Helps to keep compressor clean**
- **Prevents oxidation and acid formation**
- **Improves thermal conductivity**
- **ALL THE ABOVE LISTED ITEMS EXTENDS AIR**
- **CONDITIONING LIFE, PROVIDES COLDER AIR**
- **AND COOLS FASTER (UP TO 15 % FASTER)**

OTHER ICE BENEFITS:

- **CONTAINS UV LEAK DETECTION DYE**
- **OPERATES OVER A BROAD TEMPERATURE RANGE**
- **SUPERIOR HEAT EXCHANGE PROPERTIES**
- **READILY MIXES WITH ALL AUTOMOTIVE REFRIGERANTS AND A/C SYSTEMS**
- **NON-CORROSIVE AND ENVIRONMENTALLY SAFE**
- **CONTAINS NO CHLORINATED COMPOUNDS**
- **SOLUBLE IN MINERAL OIL, ALKYL BENZENES, POLYOLESTERS, NAPHTHENES, AND REFRIGERATION LUBRICANTS**
- **COMPATIBLE WITH ELASTOMER SEALS EPR, EPDM, HNBR, POLYSULFATES, SILICOMES AND NEOPRENE**
- **Cuts Humidity !**

ICE 32 IS SOLD IN 1.5 FLUID OZ OR 8 FLUID OZ BOTTLES.

THE ICE 32 INJECTOR MUST BE USED TO INJECT THE ICE 32 FLUID INTO THE A/C SYSTEM



**ICE 32
INJECTOR**



HOSELINE, INC.
FAX Toll Free 800-892- 8143

(407) 892-2599
email: sales@hoseline.com



KITS and THERMOSTATS

WK1400 5/8", WK 2400 3/4"

Electric Control, Vacuum Operated Water Valve Kit



TWK 1600 5/8", TWK 2600 3/4"

M600MC Thermostat, 3 Speed Fan Switch, Electric Vacuum Operated Valve Kit



TWK1700 5/8", TWK 2700 3/4" – CM3000 W / RCB3000S, Electric Control, Vacuum Operated Water Valve Kit



TWK1800 5/8", TWK 2800 3/4" - M600MC Thermostat Electric Control, Vacuum Operated Water Valve Kit



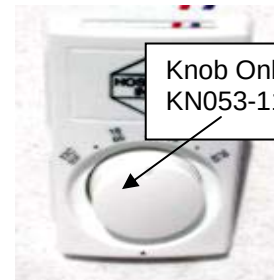
TWK1900 5/8", TWK 2900 3/4"
M600MC Thermostat, Electric Control, Vacuum Operated Water Valve Kit and Rocker Switch



TWK2000 – M600MC with 2 electric water valves GP200 5/8"



M600MC – Thermostat double Circuit



Knob Only
KN053-1181-XX

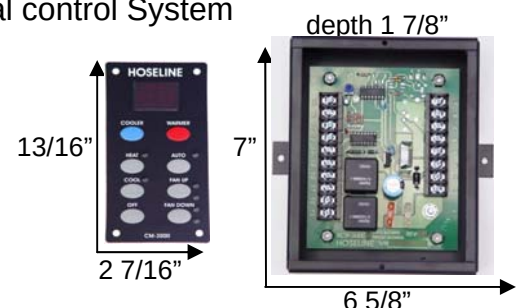
CM1000 MODKIT – This kit replaces the old CM1000 Thermostat

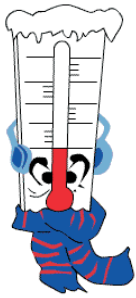


CM1000 no longer Available

CM3000 W/ RCB-3000S Control Board Environmental control System

RCB-Board
L = 5 1/2"
W= 4"



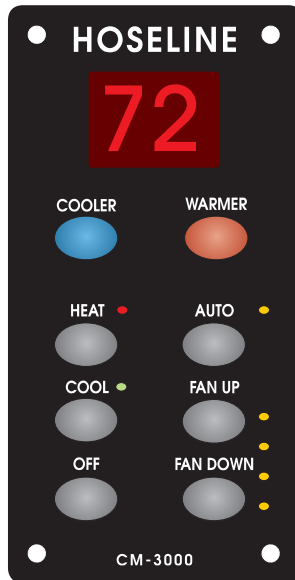


HOSELINE

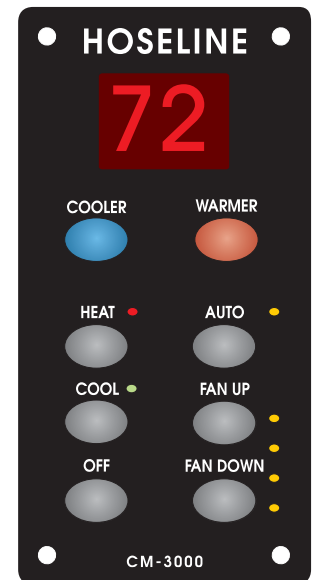
CM-3000

DUAL PANEL CONTROL SYSTEM

Now control your
vehicles HVAC system
from two locations



Master



Remote

Multi-Point Control

Offers complete control of a vehicle's heating and air conditioning from two different locations. Allows emergency responders to remain seated and still have full control of the HVAC system. Simple 3 wire installation gives multipoint control at a small fraction of the cost of a fully multiplexed control system. Control operating mode, set-point temperature, and blower speed while displaying ambient and set-point temperature from both locations. The dual control system even allows one panel to be mounted in the driver's cab while the other is in the patient compartment.

Easy Installation

The CM-3000's CM/CP serial communication protocol requires only a 3 wire connection between the control board and the two CM-3000 control panels. This feature greatly reduces the wiring requirements to fully implement multi-point control in the vehicle. A complete wiring diagram is provided on the back of this sheet. The dual panel CM-3000 system can also be used with the Hoseline dual voltage, shore powered HVAC systems.

Fully Automatic Operation

Fully automatic mode maintains the vehicle's temperature while automatically switching between cooling to heating and adjusting the system's blower speed for optimal operation automatically. This is ideal for unattended operation. Just set the desired temperature and let the CM-3000 system do the rest.

Semi-Automatic Mode

Semi-Automatic mode will automatically switch the system between heating and cooling but allows the blower speed to be manually selected. Unlike fully automatic mode, the blower will always remain at the selected speed.

Manual Control

In manual mode, the user selects either heating or cooling and also selects the blower speed. The system will then automatically cycle the heating or cooling system to maintain the selected temperature but will not automatically switch between heating and cooling modes.



HOSELINE, INC.
FAX Toll Free 800-892- 8143

(407) 892-2599
email: sales@hoseline.com



PARTS

EXV928 Expansion Block R134A



110v Expansion valves
040444-02JW-134A
040444-01JW-R-22/R-407C



12v Expansion valves
EXV 38872 R-134A



R0133-30 Thermostat (1100) Switch



R1061-30 Thermostat (1131) Switch



M6G754 4 PC Kit 3 Sp Fan Switch M6G754
M82032 Nut, KNU52-3 PC Knob, 983HS
Cover Plate



M916
Resistor 3 speed



M928
4 Speed



Vacuum Lines
VL 100 - 7'
Hos 19 - 22'



Clamp - Various Sizes

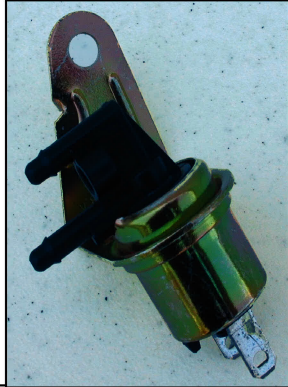


SW0400012
Rocker Switch





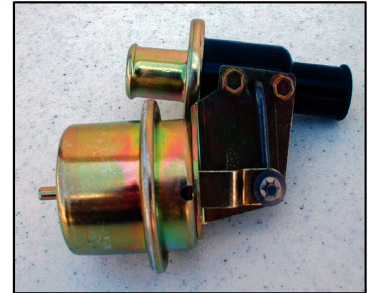
52-0161 Vacuum Controlled Solenoid



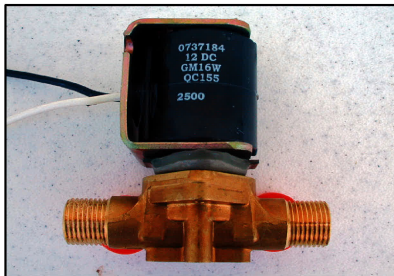
Vacuum Controlled Water Valve's
normally closed

52176
5/8" X 5/8"

52186
3/4" X 3/4"



GM103 Freon Controlled 12V Solenoid

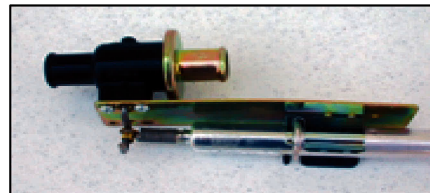


Electro-Thermal Valves

GP200 12 volt 5/8" Water Valve

GP300 12 volt 3/4" Water Valve

GP300 24 volt 3/4" Water Valve



GP400 Electric Water Valve
12 Volt 5/8" Water Hose



2211 Cable Operated Water Valve -
Turns Left to open

2212 Cable Turns Right to open



EWP 12V - 5/8" or 3/4"
Used as a Boost Pump for
Increased Coolant Flow Through Heaters



VAC PUMP 20659
Electrical Vacuum Pump





PARTS

838 Air Restrictor

Used in drain hose to reduce air locks. Keeps water flowing out.



1875

90 degree
Black Barbed
D.T. 1/2 W/barbs



1131-VBKIT w/Ext 2.5 Duct Hosew/1131 Vent Box,

COMES WITH #36
HOSE CLAMP



DRYER 7-9125

2 3/4" Diameter x 8 1/2" Long,
3/8 MIO x 3/8 MIO



DRYER 7-9213

3 1/2" Diameter
5 1/4" Length
3/8 MIO x 3/8 MIO



CABLE For Water Valves. Use With Part #2211 and/or Part #2212 (SEE PAGE 71)

Cable #70363223
30 inches -
Used on 1100 Unit



PRESSURE SWITCHES

NEW Female Binary Switch

23208 – use on 134a systems only!

15120 – use on R-22/R-407C systems only!





WIRING HARNESS / CONVOLUTED TUBING / LOOM

**BLACK/GRAY STRIPE NYLON; APPLICATION: AUTOMOTIVE, TRAILERS and R.V.'S
OPERATING TEMPERATURE +300° F-MELTING POINT 428°
AVAILABLE IN SPLIT OR NON-SPLIT, SMALL BOXES OR GAYLORD BOXES
"LOOM" PROVIDES AN EFFICIENT METHOD OF WIRE HARNESS ASSEMBLY, WHILE
PROTECTING AND REDUCING INSTALLATION DAMAGE OF VALUABLE WIRING
CIRCUITS.**

SMALL-BOXED LOOM

PART# SIZE	QUANTITY-FEET-SLIT	QUANTITY-FEET -UNSLIT
1/4" WHL	3200'	3200'
3/8" WHL	1900'	2000'
1/2" WHL	1100'	1200'
5/8" WHL	800'	800'
3/4" WHL	550'	500'
7/8" WHL	400'	450'
1" WHL	300'	350'
1 1/4" WHL	250'	300'
1 1/2" WHL	150'	150'
2" WHL	100'	100'

GAYLORD CAPACITY

1/4"WHL	28000'	17000'
3/8"WHL	15000'	10000'
1/2"WHL	8500'	6000'
5/8"WHL	5500'	4000'
3/4"WHL	4200'	3000'
7/8"WHL	3000'	2500'
1"WHL	2250'	2000'
1 1/4"WHL	1800'	1500'
1 1/2"WHL	1000'	800'
2"WHL	700'	700'

**Note: UNSLIT QUANTITIES ARE ESTIMATES and MAY VARY YOU WILL BE
NOTIFIED OF ANY CHANGES**

SHIPPING INFORMATION:

SMALL BOXES SHIPPABLE UPS, FEDEX

GAYLORD BOXES SHIPPABLE BY FREIGHT CARRIERS

Call Hoseline Inc. for Shipping Information



MISCELLANEOUS PARTS

SMALL BOX LOOM

(SEE DETAILS PAGE 39)

DIMENSIONS

HEIGHT 27 $\frac{3}{4}$ "
WIDTH 20 $\frac{3}{4}$ "
DEPTH 20 $\frac{3}{4}$ "



GAYLORD BOXED LOOM

(SEE DETAILS PAGE 39)

DIMENSIONS

HEIGHT 41"
WIDTH 43"
DEPTH 43"





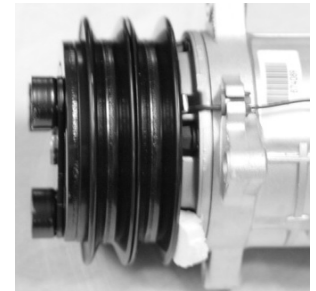
COMPRESSORS

TOP CONNECTION

MODEL 20-46011 5 1/4" 2A GROVE V-BELT
MODEL 20-10267 4 3/4" POLY GROVE SERPENTINE BELT

BACK CONNECTION

MODEL 20-46030 5 1/4" 2A GROVE V-BELT
MODEL 20-10268 4 3/4" POLY GROVE SERPENTINE BELT



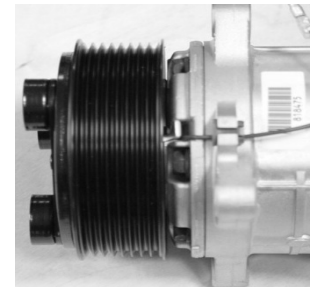
5 1/4" 2A GROVE V-BELT



TOP CONNECTION

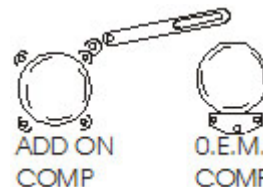
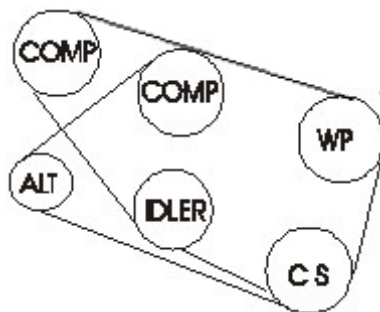


BACK CONNECTION



4 3/4" POLY GROVE
SERPENTINE BELT

DUAL MOUNT DRIVE SYSTEMS

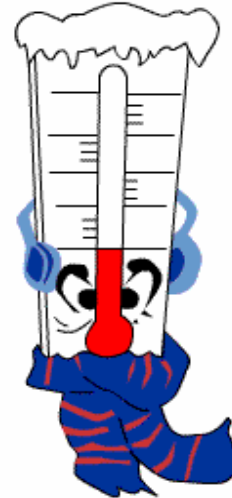
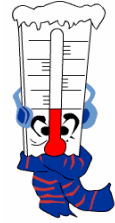


(COMPRESSOR and BRACKET KITS)

NOTE: HOSELINE INC. CAN PROVIDE A COMPRESSOR and BRACKET SYSTEM FOR ANY TYPE OF VEHICLE.



HOSELINE, INC.
1619 PARK COMMERCE COURT
ST. CLOUD FL 34769
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FAX Local (407) 892-8143 Toll Free 800-892-8143 email:
sales@hoseline.com



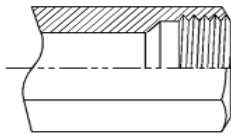
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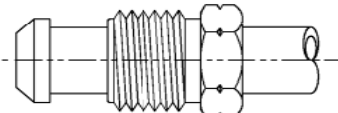
FITTING CONNECTIONS - ATCO

FEMALE FLARE
(FF)

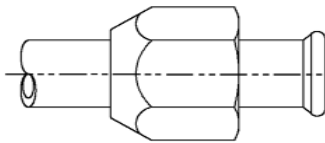


RIGID

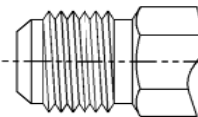
MALE FLARE
(MF)



SWIVEL

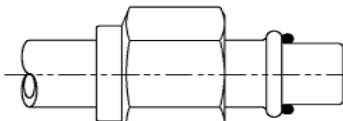


SWIVEL



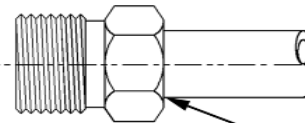
RIGID

FEMALE O-RING
(FOR)

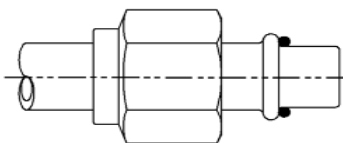


SWIVEL

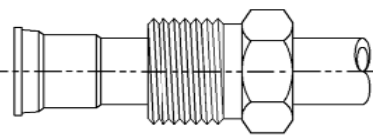
MALE INSERT O-RING
(MIO)



BRAZE/WELDED

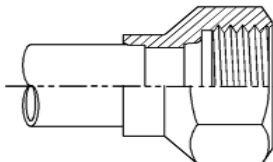


SWIVEL



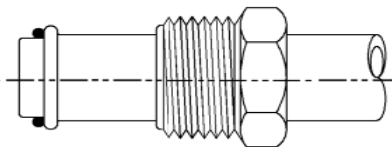
TWO PIECE

FEMALE INSERT O-RING
(FIO)



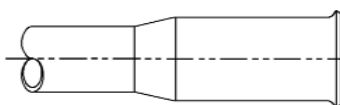
RIGID

MALE O-RING
(MOR)



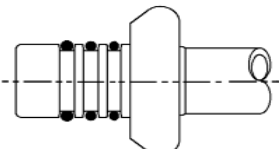
SWIVEL

FEMALE SPRINGLOCK
(FSL)



PUSH TO CONNECT

MALE SPRINGLOCK
(MSL)



PUSH TO CONNECT



AIR CONDITIONING FITTINGS & HOSE - ATCO

FITTING SIZE DESIGNATION

□ FITTINGS

Refer to the following standards for additional dimensional details:

- International Mobile Air Conditioning Association (**IMACA**) **Standard 305** (FITTINGS AND TUBING DETAILS FOR MOBILE AIR CONDITIONING SYSTEMS)
- International Mobile Air Conditioning Association (**IMACA**) **Standard 320** (FITTINGS, HOSE AND ASSEMBLIES FOR R134a AIR CONDITIONING SYSTEMS)
- Society of Automotive Engineers (**SAE**) **Standard J512** (AUTOMOTIVE TUBE FITTINGS)
- Society of Automotive Engineers (**SAE**) **Standard 639** (SAFETY AND CONTAINMENT OF REFRIGERANT FOR MECHANICAL VAPOR COMPRESSION SYSTEMS USED FOR MOBILE AIR CONDITIONING SYSTEMS). R12 and R134a charge port dimensions.
- **ATCO Engineering Guide EG-1031** (FITTING AND HOSE SIZE GUIDE).

Beadlock fittings are recommended for barrier style and all-rubber hoses using bubble type crimps.
Barb style fittings are recommended for all-rubber hose using face style crimps and worm gear clamps.

□ FITTING TORQUE VALUES

TUBE SIZE	THREAD SIZE		TORQUE VALUE (FT/LB)		
	INCH	METRIC	FLARES	O-RING	METRIC
1/4"	7/16"	M12	10-15	5-10	5-10
3/8"	5/8"	M16, M18	20-25	10-15	10-20
3/8"	11/16"	M20	25-30	10-15	15-25
1/2"	3/4"	M20	35-40	15-20	15-25
5/8"	7/8"	M22, M24	50-60	20-30	20-35
3/4"	1 1/16"	M27	70-80	25-35	25-40
SWITCHES	3/8"	M10, M12	5-10	5-10	5-10

The above values are "rule of thumb" and may vary for various applications.

□ HOSE AND COUPLINGS

Refer to the following standards for hose and assembly requirements:

- Society of Automotive Engineers (SAE) **Standard J2064 (R134a REFRIGERANT AUTOMOTIVE AIR-CONDITIONING HOSE)**.
- International Mobile Air Conditioning Association (IMACA) **Standard 320 (FITTINGS, HOSE AND ASSEMBLIES FOR R134a AIR CONDITIONING SYSTEMS)**

SIZE NO.	I.D. DIMENSIONS			O.D. DIMENSIONS	
	FRACTION	DECIMAL	METRIC	2 BRAID	REDUCED*
6	5/16"	.312"	8mm	.750"	.580"
8	13/32"	.406"	10mm	.906"	.680"
10	1/2"	.500"	12mm	1.000"	.765"
12	5/8"	.625"	16mm	1.125"	.930"
14	3/4"	.750"	19mm	N/A	1.125"

* - **REDUCED O.D. DIMENSIONS** refer to barrier style hose only.

- ATCO recommends barrier style air conditioning hose to be used with beadlock fittings. All-rubber hose may also be coupled using beadlock style fittings.
- ATCO **only** recommends the use of barb fittings with all-rubber hose coupled with face style crimp or worm gear clamps. Bubble style crimps are not recommended.
- Approved crimping equipment is located in the **HOSE CRIMPERS AND TOOL** section of this catalog.



BEADLOCK HOSE ENDS - ATCO

BL1101-1

PREFIX

BL=BEADLOCK

(ALUM. TUBE - STEEL FERRULE)

SB=STEEL BEADLOCK

(STEEL TUBE - STEEL FERRULE)

RB=REDUCED BEADLOCK

(ALUM. TUBE - STEEL FERRULE)

SR=STEEL REDUCED BEADLOCK

(STEEL TUBE - STEEL FERRULE)

AQ=Aroquip Fitting uses EZ ClipSystem

Not applicable for Barb Fittings or
Non-Hose Ends

SUFFIX

-1 = 1/4" R12 SERVICE VALVE
-2 = 3/16" R12 SERVICE VALVE
-3 = R134a QUICK CONNECT
-4 = M10 SWITCH PORT
-5 = M12 SWITCH PORT
-9 = R134a HI SIDE S.V.-10 FTG
-SD = SHORT DROP

FIRST TWO DIGITS

11 = FEMALE FLARE
12 = MALE FLARE
13 = FEMALE O-RING
14 = MALE O-RING
17 = BULKHEAD STYLE
18 = MALE INSERT O-RING
19 = ADAPTERS
20 = COMPRESSOR ADAPTER FITTINGS
21 = TUBE-O & ROTALOK
22 = VIR CONVERSION FITTING
23 = COMPRESSOR BLOCKS
25 = GASKETS
26 = MISC. ADAPTERS & ORIFICE TUBES
28 = COMPRESSION ADAPTERS
29 = COMPRESSION FITTING - INCH
30 = COMPRESSION FITTING - METRIC
33,35,36,37 = CRIMPERS & TOOLS
39 = FLUSH KITS AND FITTINGS
40 = SEALS, O-RINGS,
& SERVICE VALVE CORES & CAPS
41,45 = FORD FEMALE SPRINGLOCK
43 = FORD MALE SPRINGLOCK
56 = SINGLE PAD STYLE COMP. PORT
58 = BRAZE/WELD ON BARB
61 = HOSE SPLICER
62 = AUXILIARY A/C TEE
63 = SPLICERS
64 = R-12 SERVICE ADAPTERS
65 = R134a ADAPTERS
66 = BRAZE ON BEADLOCK
71 = FEMALE DUAL O-RING - INCH
73 = FEMALE DUAL O-RING - METRIC
83 = METRIC ADAPTERS
93 = FEMALE O-RING - METRIC
94 = MALE INSERT O-RING - METRIC
H = HEATER FITTINGS

THIRD DIGIT

0 = STRAIGHT
1 = 45 DEGREE
2 = 90 DEGREE
EXCEPT WHEN
4TH DIGIT IS
A "ZERO" (RARE)

FOURTH DIGIT FOR ENGLISH THREADS

1 = 6 FTG X 6 HOSE
2 = 8 FTG X 8 HOSE
3 = 10 FTG X 10 HOSE
4 = 12 FTG X 12 HOSE
5 = 6 FTG X 8 HOSE
6 = 8 FTG X 10 HOSE
7 = 10 FTG X 12 HOSE
8 = 8 FTG X 6 HOSE
9 = 10 FTG X 8 HOSE
0 = 12 FTG X 10 HOSE*

*WHEN 4TH DIGIT IS
A "ZERO" (RARE)
THEN 3RD DIGIT MEANS:
1 = STRAIGHT
2 = 45 DEGREE
3 = 90 DEGREE

FOURTH DIGIT FOR METRIC THREADS

1 = 5 FTG X 6 HOSE
2 = M16 FTG X 6 HOSE
3 = M18 FTG X 6 HOSE
4 = M20 FTG X 6 HOSE
5 = M20 FTG X 8 HOSE
6 = M22 FTG X 10 HOSE
7 = M24 FTG X 10 HOSE
8 = M27 FTG X 12 HOSE

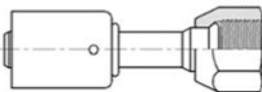
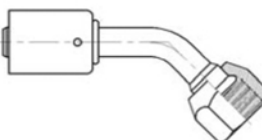
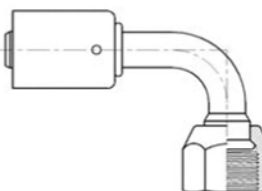
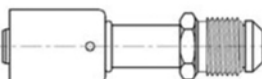
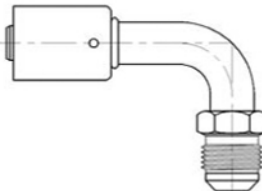
NOTE: PLAIN 5-DIGIT NUMBERS BEGINNING WITH "71" OR "75" ARE CRIMPER COMPONENTS / REPLACEMENT PARTS.



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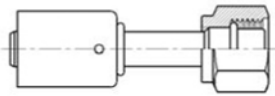
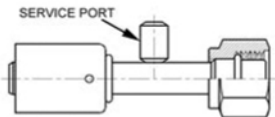
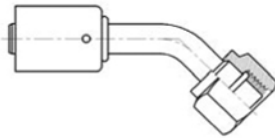
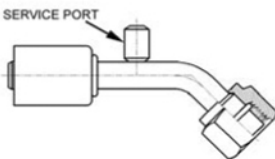
BEADLOCK FITTINGS * MAY ONLY BE AVAILABLE IN BEADLOCK (BL)							
ILLUSTRATION	ATCO SB*	AQ	FJ	THREAD	FITTING SIZE	HOSE SIZE	PORT
 STRAIGHT FEMALE FLARE (FF)	SB1101	AQ1105	FJ3057-02-0608S	5/8"-18	6	6	
	SB1102			3/4"-16	8	8	
	SB1103			7/8"-14	10	10	
	BL1104			1 1/16"-14	12	12	
	SB1105			5/8"-18	6	8	
	BL1106			3/4"-16	8	10	
	SB1107			7/8"-14	10	12	
	SB1108			3/4"-16	8	6	
 45 DEGREE FEMALE FLARE (FF)	SB1111			5/8"-18	6	6	
	SB1112			3/4"-16	8	8	
	SB1113			7/8"-14	10	10	
	SB1114			1 1/16"-14	12	12	
	BL1115			5/8"-18	6	8	
	BL1116			3/4"-16	8	10	
	SB1117			7/8"-14	10	12	
	BL1118			3/4"-16	8	6	
 90 DEGREE FEMALE FLARE (FF)	SB1121	AQ1121	FJ3149-01-0606S	5/8"-18	6	6	
	SB1122	AQ1122	FJ3149-03-0808S	3/4"-16	8	8	
	SB1123	AQ1125	FJ3149-02-0608S	7/8"-14	10	10	
	SB1124			1 1/16"-14	12	12	
	BL1125			5/8"-18	6	8	
	SB1126			3/4"-16	8	10	
	SB1127			7/8"-14	10	12	
	SB1128			3/4"-16	8	6	
 STRAIGHT MALE FLARE (MF)	BL1201			5/8"-18	6	6	
	BL1202			3/4"-16	8	8	
	BL1203			7/8"-14	10	10	
	BL1204			1 1/16"-14	12	12	
 90 DEGREE MALE FLARE (MF)	BL1221			5/8"-18	6	6	
	BL1222			3/4"-16	8	8	
	BL1223			7/8"-14	10	10	
	BL1224			1 1/16"-14	12	12	



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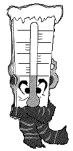


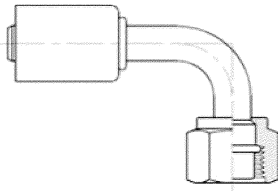
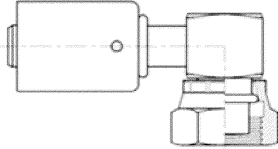
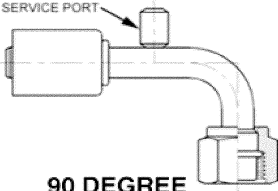
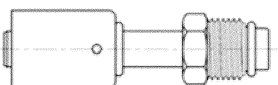
BEADLOCK FITTINGS							
* MAY ONLY BE AVAILABLE IN BEADLOCK (BL)							
ILLUSTRATION	ATCO SB*	AQ	FJ	THREAD	FITTING SIZE	HOSE SIZE	PORT
 STRAIGHT FEMALE O-RING (FOR)	SB1301	AQ1301	FJ5984-06065	5/8"-18	6	6	
	SB1302	AQ1302	FJ5984-08085	3/4"-16	8	8	
	SB1303	AQ1303	FJ5984-10105	7/8"-14	10	10	
	SB1304			1 1/16"-14	12	12	
	SB1305			5/8"-18	6	8	
	SB1306			3/4"-16	8	10	
	SB1307	AQ1307	FJ5984-10125	7/8"-14	10	12	
	SB1308 BL1310	AQ1308	FJ3632-08065	3/4"-16 1 1/16"-14	8 12	6 10	
 STRAIGHT FEMALE O-RING (FOR) WITH SWITCH OR SERVICE PORT	SB1301-1 BL1301-1			5/8"-18 5/8"-18	6 6	6 6	1/4" R12 3/16" R12
	SB1301-3	AQ1301-3	FJ3053-06065	5/8"-18	6	6	16mm R134
	SB1302-1	AQ1302-1	FJ3162-08085	5/8"-18	6	6	M10 SWP
	BL1302-2			3/4"-16	8	8	1/4" R12
	SB1302-3	AQ1302-3	FJ3053-08085	3/4"-16	8	8	3/16" R12
				3/4"-16	8	8	16mm R134
	SB1303-1	AQ1303-1	FJ3162-10105	3/4"-16	8	8	M10 SWP
	SB1303-3	AQ1303-3		7/8"-14	10	10	1/4" R12
		AQ1303-3-LP	FJ3891-01-10105	7/8"-14	10	10	13mm R134
				7/8"-14	10	10	13mm R134
	SB1304-3			1 1/16"-14	12	12	16mm R134
	SB1307-3 BL1308-3	AQ1308-3	FJ3053-08105	1 1/16"-14 7/8"-14 3/4"-16	12 10 8	12 12 6	13mm R134 M12 SWP 13mm R134 16mm R134
 45 DEGREE FEMALE O-RING (FOR)	SB1311	AQ1311	FJ3055-01-06065	5/8"-18	6	6	
	SB1312	AQ1312	FJ3055-03-08085	3/4"-16	8	8	
	SB1313			7/8"-14	10	10	
	SB1314	AQ1314	FJ3192-02-12125	1 1/16"-14	12	12	
	SB1315			5/8"-18	6	8	
	SB1316			3/4"-16	8	10	
	SB1317			7/8"-14	10	12	
 45 DEGREE FEMALE O-RING (FOR) WITH SWITCH OR SERVICE PORT	SB1311-1			5/8"-18	6	6	1/4" R12
	SB1311-3			5/8"-18	6	6	16mm R134
	SB1312-1			3/4"-16	8	8	1/4" R12
	SB1312-3			3/4"-16	8	8	16mm R134
	SB1313-1			7/8"-14	10	10	1/4" R12
	SB1313-3			7/8"-14	10	10	13mm R134
	SB1317-3			7/8"-14	10	12	13mm R134



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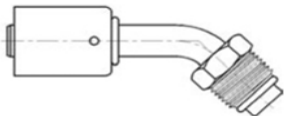
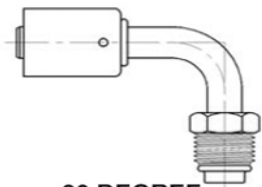
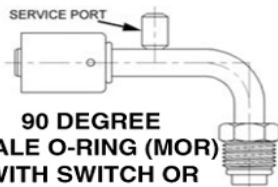
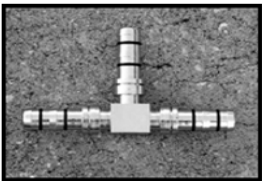
BEADLOCK FITTINGS							
* MAY ONLY BE AVAILABLE IN BEADLOCK (BL)							
ILLUSTRATION	ATCO SB*	AQ	FJ	THREAD	FITTING SIZE	HOSE SIZE	PORT
 90 DEGREE FEMALE O-RING (FOR)	SB1321	AQ1321	FJ5985-0606S	5/8"-18	6	6	
	SB1322			3/4"-16	8	8	
	SB1323	AQ1323	FJ5985-1010S	7/8"-14	10	10	
	SB1324			1 1/16"-14	12	12	
	SB1325	AQ1325	FJ5985-0608S	5/8"-18	6	8	
	SB1326	AQ1326	FJ5995-1010S	3/4"-16	8	10	
	SB1327			7/8"-14	10	12	
	SB1328			3/4"-16	8	6	
	SB1330			1 1/16"-14	12	10	
	SB1329			7/8"-14	10	8	
 90 DEGREE FEMALE O-RING (FOR) SHORT DROP	SB1322-SD			3/4"-16	8	8	
	SB1323-SD			7/8"-14	10	10	
	SB1327-SD			7/8"-14	10	12	
 90 DEGREE FEMALE O-RING (FOR) WITH SWITCH OR SERVICE PORT	SB1321-1	AQ1321-1-LP	FJ3289-03-0606S	5/8"-18	6	6	1/4" R12
	SB1321-3	AQ1321-LP	FJ3288-01-0606S	5/8"-18	6	6	16mm R134
	SB1322-1	AQ1322-1-LP	FJ3289-01-0808S	3/4"-16	8	8	1/4" R12
	SB1322-3	AQ1322-3	FJ3013-03-0808S	3/4"-16	8	8	16mm R134
	SB1323-1	AQ1322-LP	FJ3288-02-0808S	7/8"-14	10	10	1/4" R12
		AQ1323-1	FJ3289-01-1010S	7/8"-14	10	10	13mm R134
		AQ1323-1-SSV	FJ3444-1010S	7/8"-14	10	12	1/4" R12
				7/8"-14	10	12	13mm R134
	SB1323-3	AQ1323-3	FJ3012-21-1010S				
	SB1327-1	AQ123-3LP	FJ3892-01-1010S				
	SB1327-3						
 STRAIGHT MALE O-RING (MOR)	SB1401	AQ1401	FJ3052-0606S	5/8"-18	6	6	
	SB1402	AQ1402	FJ3052-0808S	3/4"-18	8	8	
	SB1403	AQ1403	FJ3052-1010S	7/8"-18	10	10	
	SB1404			1 1/16"-16	12	12	
	SB1405			5/8"-18	6	8	
	BL1407	AQ1407	FJ3052-1012S	3/4"-18	8	10	
	SB1407			7/8"-18	10	12	
	SB1408			3/4"-18	8	6	
 STRAIGHT MALE O-RING (MOR) WITH SWITCH OR SERVICE PORT	SB1401-3			5/8"-18	6	6	16mm R134
	SB1403-3			7/8"-18	10	10	13mm R134
	SB1404-3			1 1/16"-16	12	12	13mm R134
	SB1407-3			7/8"-18	10	12	13mm R134



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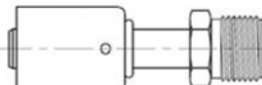
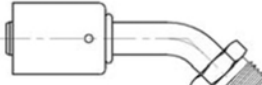
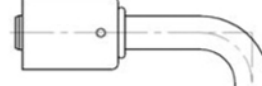
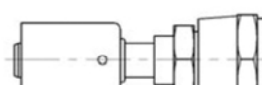
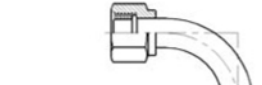
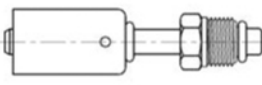
BEADLOCK FITTINGS							
* MAY ONLY BE AVAILABLE IN BEADLOCK (BL)							
ILLUSTRATION	ATCO SB*	AQ	FJ	THREAD	FITTING SIZE	HOSE SIZE	PORT
 45 DEGREE MALE O-RING (MOR)	SB1411 SB1412 SB1413 SB1414 SB1415 SB1418			5/8"-18 3/4"-18 7/8"-18 1 1/16"-16 5/8"-18 3/4"-18	6 8 10 12 6 8	6 8 10 12 8 6	
 90 DEGREE MALE O-RING (MOR)	SB1421 SB1422 SB1423 SB1424 SB1425 SB1427 SB1428	AQ14421 AQ1423	FJ3019-03-0606S FJ3019-07-1010S	5/8"-18 3/4"-18 7/8"-18 1 1/16"-16 5/8"-18 7/8"-18 3/4"-18	6 8 10 12 6 10 8	6 8 10 12 8 12 6	
 90 DEGREE MALE O-RING (MOR) WITH SWITCH OR SERVICE PORT	SB1421-3 SB1423-3 SB1427-3	AQ1423-3	FJ3135-01-1010S	5/8"-18 7/8"-18 7/8"-18	6 10 10	6 10 12	16mm R134 13mm R134 13mm R134
 STRAIGHT MALE INSERT O-RING (MIO) BULKHEAD	NS NS	AQ1603 AQ1604	FJ3066-1010S FJ3066-1212S			10 12	
 90 DEGREE MALE INSERT O-RING (MIO) BULKHEAD	SB1701 SB1702 SB1703	AQ1701 AQ1702 AQ1703	FJ3513-0606S FJ3513-0808S FJ3513-1010S	5/8"-18 3/4"-16 7/8"-14	6 8 10	6 8 10	
 90 DEGREE MALE INSERT O-RING (MIO) BULKHEAD	SB1721 SB1722 SB1723	AQ1721 AQ1722 AQ1723	FJ3514-0606S FJ3514-0808S FJ3514-1010S	5/8"-18 3/4"-16 7/8"-14	6 8 10	6 8 10	



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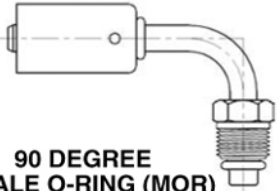
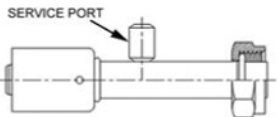
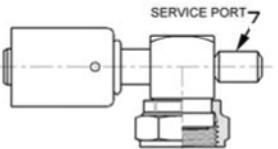
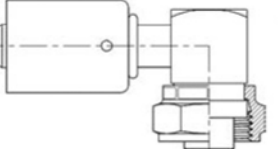
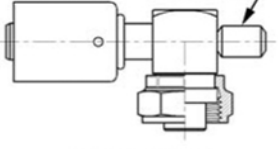
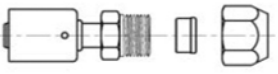
BEADLOCK FITTINGS							
* MAY ONLY BE AVAILABLE IN BEADLOCK (BL)							
ILLUSTRATION	ATCO SB*	AQ	FJ	THREAD	FITTING SIZE	HOSE SIZE	PORT
 STRAIGHT MALE INSERT O-RING (MIO)	SB1801 SB1802 SB1803 SB1804			5/8"-18 3/4"-16 7/8"-14 1 1/16"-14	6 8 10 12	6 8 10 12	
 45 DEGREE MALE INSERT O-RING (MIO)	SB1811 SB1812 SB1813			5/8"-18 3/4"-16 7/8"-14	6 8 10	6 8 10	
 90 DEGREE MALE INSERT O-RING (MIO)	SB1821 SB1822 SB1823			5/8"-18 3/4"-16 7/8"-14	6 8 10	6 8 10	
 STRAIGHT ONE-SHOT FITTING	SB1924 SB1925			5/8"-18 1 3/16"-12	6 12	6 10	
 180 DEGREE FEMALE O-RING (FOR)	SB1931 SB1932 SB1934 SB1933			5/8"-18 3/4"-16 1 1/16"-14 7/8"-14	6 8 12 10	6 8 12 10	
	NA NA	AQ1936 AQ1938	FJ3804-0606@P FJ3804-1010@P	M20-1.5 M24-2.0	M20 (8) M24(10)	6 10	R134a R134a
 STRAIGHT 7 MALE O-RING (MOR)	SB1952			1 1/16"	7	6	



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BEADLOCK FITTINGS							
* MAY ONLY BE AVAILABLE IN BEADLOCK (BL)							
ILLUSTRATION	ATCO SB*	AQ	FJ	THREAD	FITTING SIZE	HOSE SIZE	PORT
 90 DEGREE 7 MALE O-RING (MOR)	SB1953			1 ¹ / ₁₆ "	7	6	
 STRAIGHT FEMALE TUBE-O (FTO) WITH SWITCH OR SERVICE PORT	SB2102-3 SB2103-3			1"-14 1"-14	FTO FTO	8 10	16mm R134 13mm R134
 90 DEGREE FEMALE ROTALOK (FRL) WITH SWITCH OR SERVICE PORT	NEW SB2132-3 SB2133-3			1"-14 1"-14	FRL FRL	8 10	16mm R134 13mm R134
 90 DEGREE FEMALE TUBE-O (FTO)	NEW NS SB2142 SB2143			1"-14 1"-14 1"-14	FTO FTO FTO	14 8 10	
 90 DEGREE FEMALE TUBE-O (FTO) WITH SWITCH OR SERVICE PORT	NS SB2142-1 SB2142-3 SB2143-1 SB2143-3 SB2144-1 SB2144-3			1"-14 1"-14 1"-14 1"-14 1"-14 1"-14 1"-14	FTO FTO FTO FTO FTO FTO FTO	14 8 8 10 10 12 12	13mm R134 1/4" R12 16mm R134 1/4" R12 13mm R134 1/4" R12 13mm R134
 STRAIGHT COMPRESSION FITTING	SB2901 SB2902 SB2903 SB2904 SB2905 SB2906 SB2907 SB2908 SB2909 SB3001 SB3002 SB3003			3/8" Tube 1/2" Tube 5/8" Tube 3/4" Tube 3/8" Tube 1/2" Tube 5/8" Tube 1/2" Tube 5/8" Tube 8mm Tube 12mm Tube 14.5mm Tube	6 8 10 12 6 8 10 8 10 	6 8 10 12 8 10 12 6 8 6 8 10	



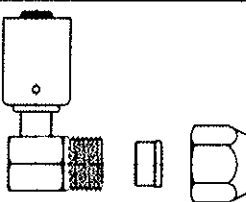
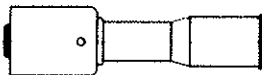
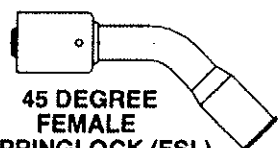
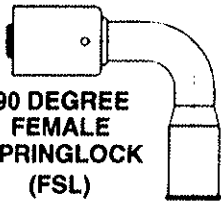
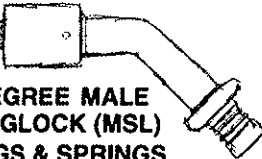
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BEADLOCK FITTINGS

* MAY ONLY BE AVAILABLE IN BEADLOCK (BL)

ILLUSTRATION	ATCO SB*	AQ	FJ	THREAD	FITTING SIZE	HOSE SIZE	PORT
 90 DEGREE COMPRESSION FITTING	SB2921 SB2922 SB2923 SB2924 SB2925 SB2926 SB2927 SB2928 SB2929			3/8" Tube 1/2" Tube 5/8" Tube 3/4" Tube 3/8" Tube 1/2" Tube 5/8" Tube 1/2" Tube 5/8" Tube	6 8 10 12 6 8 10 8 10	6 8 10 12 8 10 12 6 8	
 Clips Hose Cage Connection	NA NA NA NA	AQ4006 AQ4008 AQ4010 AQ4012	1F40104-06c Clip 1F40104-08c Clip 1F40104-10c Clip 1F40104-12c Clip			6 8 10 12	
 Cages / Fitting to Hose Attachment	NA NA NA NA	AQ3006 AQ3008 AQ3010 AQ3012	1F40105-06c Cage 1F40105-08c Cage 1F40105-10c Cage 1F40105-12c Cage			6 8 10 12	
 STRAIGHT FEMALE SPRINGLOCK (FSL)	BL4101 BL4102 BL4103 BL4104			NA NA NA NA	6 8 10 12	6 8 10 12	
 45 DEGREE FEMALE SPRINGLOCK (FSL)	BL4111 BL4112 BL4113 BL4114			NA NA NA NA	6 8 10 12	6 8 10 12	
 90 DEGREE FEMALE SPRINGLOCK (FSL)	BL4121 BL4122 BL4123 BL4124			NA NA NA NA	6 8 10 12	6 8 10 12	
 STRAIGHT MALE SPRINGLOCK (MSL) (O-RINGS & SPRINGS INCLUDE)	BL4301 BL4302 BL4303 BL4304 BL4308			NA NA NA NA NA	6 8 10 12 8	6 8 10 12 6	
 45 DEGREE MALE SPRINGLOCK (MSL) (O-RINGS & SPRINGS INCLUDED)	BL4311 BL4312 BL4313 BL4314 BL4318			NA NA NA NA NA	6 8 10 12 8	6 8 10 12 6	



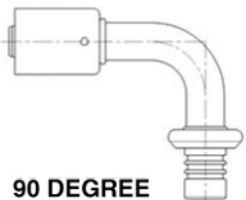
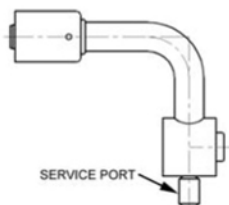
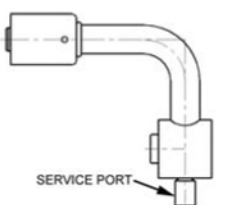
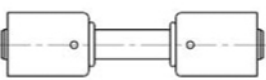
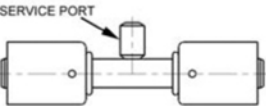
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BEADLOCK FITTINGS

* MAY ONLY BE AVAILABLE IN BEADLOCK (BL)

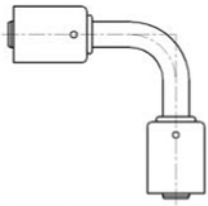
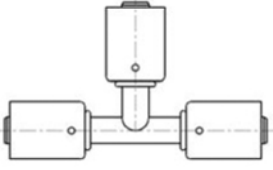
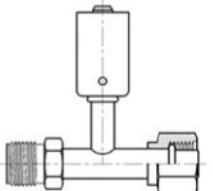
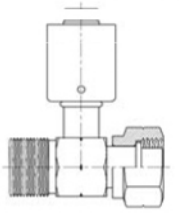
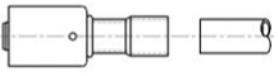
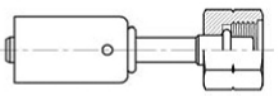
ILLUSTRATION	ATCO SB*	AQ	FJ	THREAD	FITTING SIZE	HOSE SIZE	PORT
 90 DEGREE MALE SPRINGLOCK (MSL) (O-RINGS & SPRINGS INCLUDED)	BL4321 BL4322 BL4323 BL4324 BL4327 BL4328			NA NA NA NA NA NA	6 8 10 12 10 8	6 8 10 12 12 6	
 90 DEGREE GM COMPRESSOR PAD BLOCK - SINGLE WITH SWITCH OR SERVICE PORT	BL5622-1 BL5623-1 BL5624-1			NA NA NA	CPR CPR CPR	8 10 12	1/4" R12 1/4" R12 1/4" R12
 90 DEGREE GM COMPRESSOR PAD BLOCK - SINGLE REVERSED WITH SWITCH OR SERVICE PORT	SB5625-1 BL5626-1 BL5627-1			NA NA NA	CPR CPR CPR	8 10 12	1/4" R12 1/4" R12 1/4" R12
 STRAIGHT SPLICER	SB6101 SB6102 SB6103 SB6104 SB6105 SB6106 SB6107	AQ6101 AQ6102 AQ6103	FJ3045-0606S FJ3045-0808S FJ3045-1010S	6 x 6 8 x 8 10 x 10 12 x 12 6 x 8 8 x 10 10 x 12	6 8 10 12 6 8 10	6 8 10 12 8 10 12	
 STRAIGHT SPLICER WITH SWITCH OR SERVICE PORT	SB6101-1 SB6101-3 SB6102-1 SB6102-3 SB6103-1 SB6103-3 BL6103-9 SB6104-1 SB6104-3	AQ6101-1 AQ6101-3 AQ6102-1 AQ6102-3 AQ6103-1 AQ6103-3	FJ3171-0606S FJ5995-0606S FJ3171-0808S FJ5995-0808S FJ3171-1010S FJ5986-1010S	6 x 6 6 x 6 8 x 8 8 x 8 10 x 10 10 x 10 10 x 10 12 x 12 12 x 12	6 6 8 8 10 10 10 12 12	6 6 8 8 10 10 10 12 12	1/4" R12 16mm R134 1/4" R12 16mm R134 1/4" R12 13mm R134 16mm R134 1/4" R12 13mm R134



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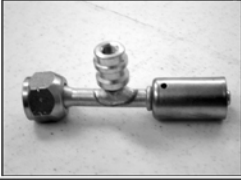
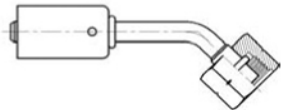
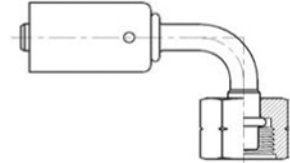
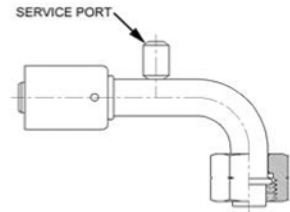
BEADLOCK FITTINGS							
* MAY ONLY BE AVAILABLE IN BEADLOCK (BL)							
ILLUSTRATION	ATCO SB*	AQ	FJ	THREAD	FITTING SIZE	HOSE SIZE	PORT
 90 DEGREE SPLICER	SB6121 SB6122 SB6123 SB6124			6 x 6 8 x 8 10 x 10 12 x 12	6 8 10 12	6 8 10 12	
 T-SPLICER 3 WAY BEADLOCK	SB6201 SB6202 SB6203 SB6204 SB6210			6 x 6 x 6 8 x 8 x 8 10 x 10 x 10 12 x 12 x 12 12 x 12 x 10			
 T-SPLICER INCH THREAD FITTINGS x BEADLOCK	SB6225 BL6226 SB6235 SB6236			3/8"-18 3/4"-16 7/8"-14 1 1/16"-14	6 8 10 12	6 6 10 10	
 T-SPLICER METRIC THREAD FITTINGS x BEADLOCK	SB6286			M27 x 2.0	M27	12	
 STRAIGHT WELD-ON BEADLOCK ENDS	SB6601 SB6602 SB6603 SB6604 SB6605			3/8" Tube 1/2" Tube 5/8" Tube 3/4" Tube 5/8" Tube	6 8 10 12 10	6 8 10 12 12	
 STRAIGHT FEMALE O-RING (FOR) (METRIC)	SB9301 SB9302 SB9303 SB9304 SB9305 BL9306 BL9307 BL9308			9/16"-18 M16 x 1.5 M18 x 1.5 M20 x 1.5 M20 x 1.5 M22 x 1.5 M24 x 2.0 M27 x 2.0	5 M16 M18 M20 M20 M22 M24 M27	6 6 6 6 8 10 10 12	



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BEADLOCK FITTINGS							
* MAY ONLY BE AVAILABLE IN BEADLOCK (BL)							
ILLUSTRATION	ATCO SB*	AQ	FJ	THREAD	FITTING SIZE	HOSE SIZE	PORT
		AQ9304-3	FJ3890-01-0806S@P	M20 - 1.5	M20(8)	6	R134a
		AQ9307-3	PRO13215-01S@P	M24 - 2.0	M24(10)	10	R134a
 45 DEGREE FEMALE O-RING (FOR) (METRIC)	SB9311 SB9312 BL9313 BL9314 BL9315 BL9316 BL9317 BL9318	AQ9318	FJ3192-021212S	9/16"-18 M16 x 1.5 M18 x 1.5 M20 x 1.5 M20 x 1.5 M22 x 1.5 M24 x 2.0 M27 x 2.0	5 M16 M18 M20 M20 M22 M24 M27	6 6 6 6 8 10 10 12	
 90 DEGREE FEMALE O-RING (FOR) (METRIC)	SB9321 SB9322 SB9323 SB9324 SB9325 SB9327	AQ9325 AQ9328	FJ3111-01-0808S FJ3409-1212S	9/16"-18 M16 x 1.5 M18 x 1.5 M20 x 1.5 M20 x 1.5 M22 x 1.5 M24 x 2.0 M27 x 2.0	5 M16 M18 M20 M20 M22 M24 M27	6 6 6 6 8 10 10 12	
 90 DEGREE FEMALE O-RING (FOR) (METRIC) WITH SWITCH OR SERVICE PORT	SB9324-3 SB9327-3	AQ9324-3 AQ9327-3	FJ3112-03-0806S@P PRO13216-01S@P	M20 - 1.5 M24 x 2.0	M20(8) M24	6 10	R134a 13mm R134

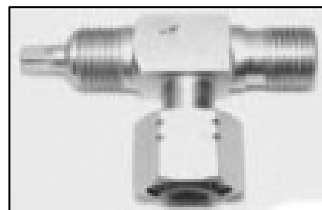


MANUAL CHARGE VALVES & STANDARD FITTINGS

48370-8 FREON MANUAL SHUT OFF VALVE



48371-10 FREON MANUAL SHUT OFF VALVE



SB9324-3

AQ9324-3

SB9327-3

AQ9327-3

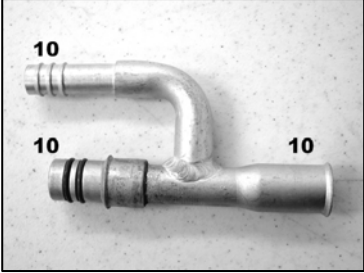
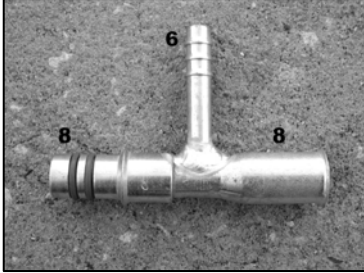
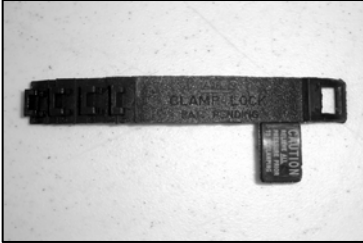
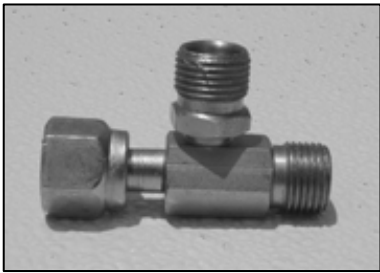
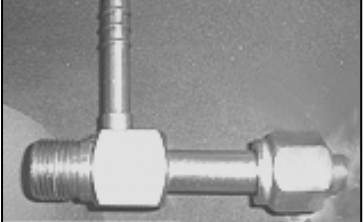
90 DEGREE, FEMALE O-RING (For) (METRIC)
WITH SERVICE PORT

M20-1.5 THREAD M20(8) FITTING SIZE Hose=6
Port R134A

M24-2.00 THREAD M24 (10) FITTING SIZE
Hose=10 Port 13mm R134A

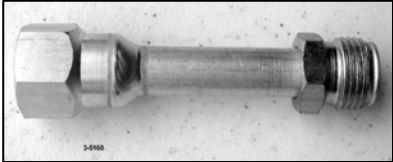
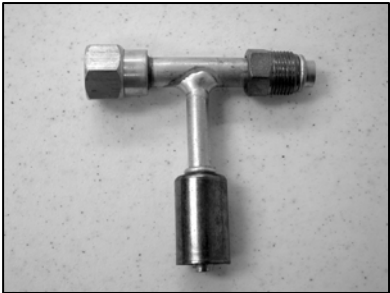


HOSELINE, INC. CUSTOM FITTINGS

3-2457 1987-1992 FT2 & FT3 Uses 2630C Clamp Lock 	3-2458 1987-1992 FT2 & FT3 Uses 2630C Clamp Lock 	2630C CLAMP LOCK Used with #6, 8, 10 or 12 Hoses Uses all Clamp Lock Fittings 
3-2788 1602-8 	3-2930 Use with BL1321 	
3-2995 10 FSL10 MSL 12 B90T 	3-3027 10FORSP10M10BARB90 	3-3303 10MOR SP B180DEG 
3-3402 10FOR/SP 10MIORB90T 	LEFT BLANK ON PURPOSE	
		3-4308-8 MIOR,8FORSP B6T 

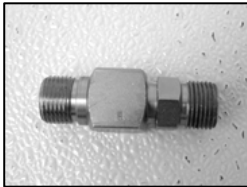
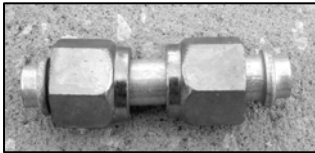
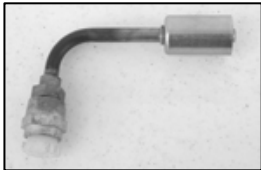
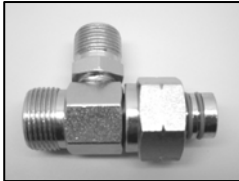
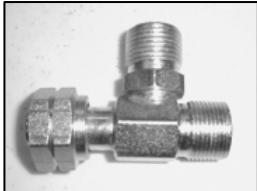
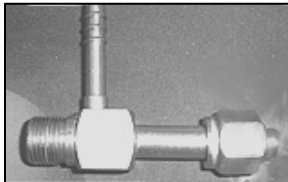
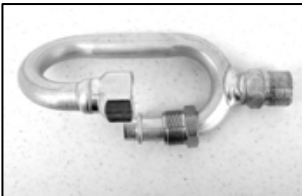
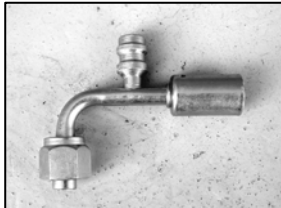
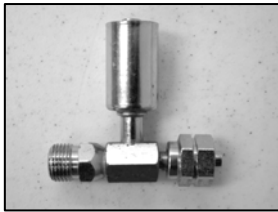
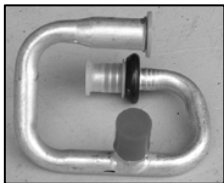


HOSELINE, INC. CUSTOM FITTINGS

	3-5168 8FIO OFI 2TUBE 	
3-5238 8FF BL W/2 102 Y 	3-5265 6FOR LP 5FOR LP 2BEN 	3-5661 8 FIO 10 BARB STRT 
3-6554-12 FORLP-12MIOR 45D 	Blanks Left On Purpose	3-6876 HSLM20 MIO6 BL STR 
	3-7331 HSL8MSL8FSL8MIO 	
3-7475 90-11 ONE SHOT 10SB 	3-7659 Now 6232 8-8-8 	3-7836 8FIO 8 MOR H6 "T" 

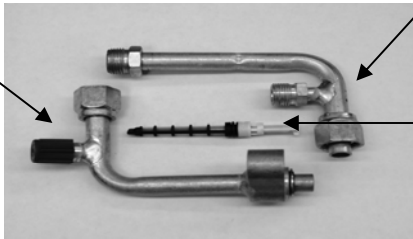
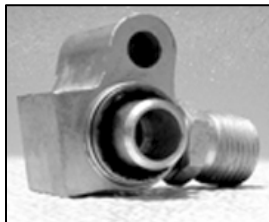
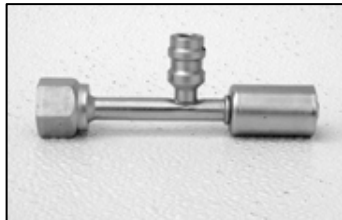
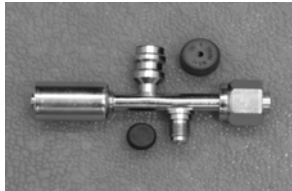
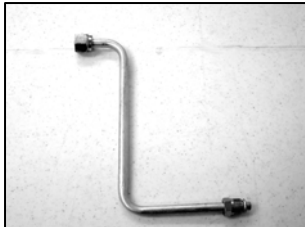
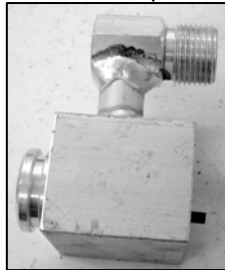
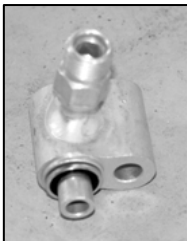
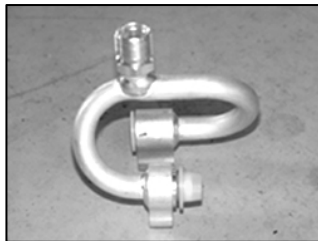


HOSELINE, INC. CUSTOM FITTINGS

3-7923 Chevy Fitting 	3-8069 HSL 6 – 6 MOR STR BTB Made Short 2½” 	3-8070 HSL 8 – 8 MOR STR BTB Made Short 2½” 
3-8107 90° One Shot Hose 6 	BLANKS LEFT ON PURPOSE	3-8211 M27FDO, M27MDO 10 MIO T-Use with BL 1323 CHEVY 
3-8360 M22-1.5M22 10 Same As SB6272 	3-8410 Same As 3-4308 But Made Of Steel (SB) 	
3-8419 11 MOR-12, SR30 10 MIO “T” STEEL 	3-8539 97 FORD Suction Line 12 MIO 	3-8563 8 FOR LP6 BL90 SV 134A 
3-8723 (Use with BL 1323) 	3-8930 M16 FOR 5 MIO 6 SB “T” (ISUZU) 	3-8977 spl pnt blk 6 MIO “T” Dodge 
3-90828 Replaces 3-9399 HSL-8 FSL6 6 SB “T” (FORD) 	3-9605 was 3-5570 	3-9606 was 3-7556 



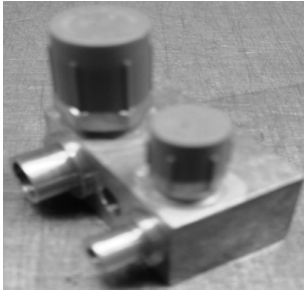
HOSELINE, INC. CUSTOM FITTINGS

3-9004 (X6222) with BL 4824 Style 	3-90109 Evap "T" Chevy KIT 6251 3-90110 (Inside SVL) Fittings available in kit only Evap "T" Chevy  Orifice tube w/ filter # 2615		
3-90173 Compressor Top #8 Fitting 	3-90197 Now 6250 Accumulator "T" Chevy 	3-90205 N8, FOR 6BL ST. 134A SV 	
3-90205-2SV N8, FOR 6BL ST. - 3 SV 134a W/ -2 SV 	3-90220 Same as SB 1323-1sv on Left 	3-90531 Chevy One Shot 45 Degrees 3-90531 	
3-90423 6 FOR LP, 6 MOR SP2 (Dryer Fitting) was 3-7448 	3-90455 PNT BLK-6 MIO T ALUM (Sprinter) 	3-90456 Sprinter 	
3-90601 Chevy 	3-90606 Chevy 	3-90749 Ford 	3-90762, 3-91001, 3-90936 Ford 



HOSELINE, INC. CUSTOM FITTINGS

Ford Type I 2011 **AA3267**



Ford type II 2011 **AA3259**



Ford 2011 E-Series
AA3326



Ford Type I 2011 **AA3327** #10
In Series condenser hose tie in



Ford Type I & III and Dodge Type I
2011 condenser In-series tie in
AA2637



Ford Type I & III and Dodge Type I
condenser In-series tie in 2011
AA2524



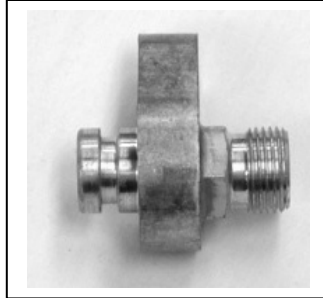


HOSELINE, INC. CUSTOM FITTINGS

AA0613 #10



AA1265 #6



AA1285 #10



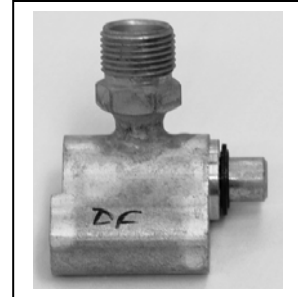
AA0679 – Chevy #10



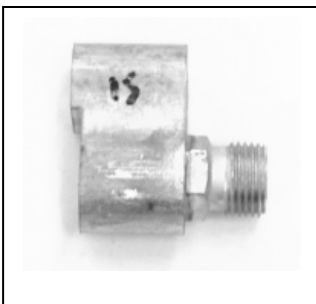
AA0680 – Chevy #8



AA0682 – Chevy #8



AA1435 - Chevy #6



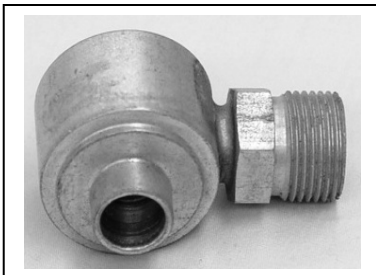
AA0660 – Ford #8



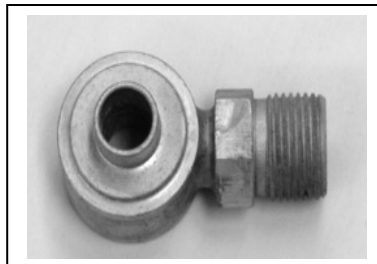
AA0670 – Ford #8



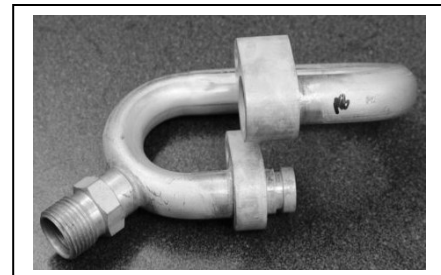
AA0732- #8



AA0733 - #10



AA1685 – Ford #10

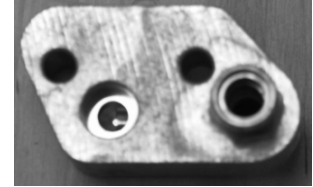
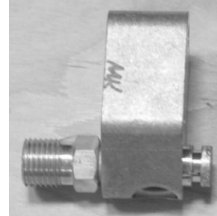




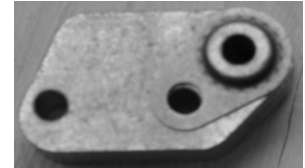
HOSELINE, INC. CUSTOM FITTINGS

2008 Ford F-Series Blocks

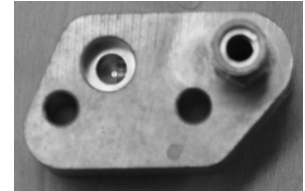
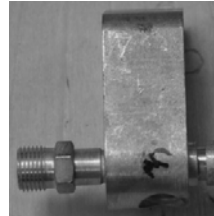
AA1702 #10
Takes gasket #4280
O-ring #4045



Gasket # 4280 →



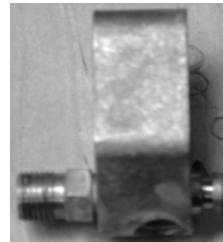
AA1703 #6
Takes gasket #4279
O-ring #4241



Gasket # 4279 →



AA1704 #8
Takes gasket #4279
O-ring #4241



Gasket # 4279 →

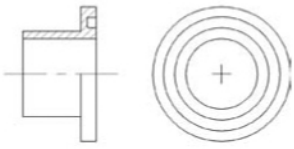
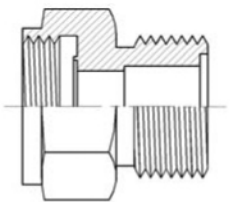
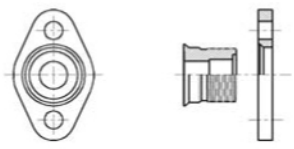
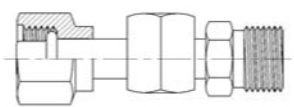




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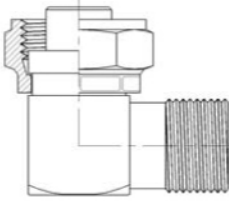
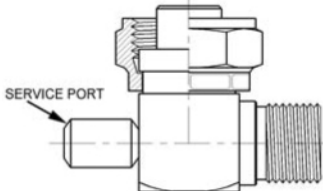
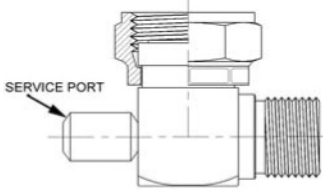
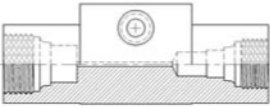
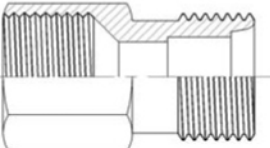
FITTINGS & COMPONENTS					
ILLUSTRATION	ATCO PN#	MALE THREAD	FEMALE THREAD	(NON-HOSE ENDS)	
				DESCRIPTION	PORT
 ADAPTER STRAIGHT TUBE-O to ROTALOK	1954	N/A	N/A	Converts Tube-O Compressor Head to Rotalok Style	
 ADAPTER STRAIGHT ROTALOK to TUBE-O	1955	1"-14	1"-14	Converts Rotalok Compressor Head to Tube-O Style	
 ADAPTER STRAIGHT FLANGE to TUBE-O	1956	1"-14	N/A	Converts Flange Compressor Head to Tube-O Style	
 ADAPTER STRAIGHT FLANGE to ROTALOK	1957	1"-14	N/A	Converts Flange Compressor Head to Rotalok Style	
 SWITCH PORT IN-LINE O-RING STYLE	1972	5/8"-18	5/8"-18	Female Thread on Switch Port is 3/8"-24	



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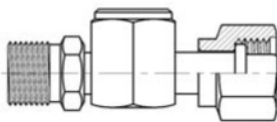
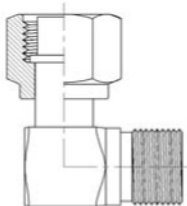
FITTINGS & COMPONENTS					
ILLUSTRATION	ATCO PN#	MALE THREAD	FEMALE THREAD	(NON-HOSE ENDS)	
				DESCRIPTION	PORT
 ADAPTER 90 DEGREE TUBE-O TO MIO	2024-0	3/4"-16	1"-14	Converts Tube-O to Male Insert O-Ring	
	2025-0	7/8"-14	1"-14	Converts Tube-O to Male Insert O-Ring	
 ADAPTER 90 DEGREE TUBE-O to MIO WITH SWITCH or SERVICE PORT	2024	3/4"-16	1"-14	Converts Tube-O to Male Insert O-Ring	1/4" R12
	2024-3	3/4"-16	1"-14	Converts Tube-O to Male Insert O-Ring	16mm R134
	2025	7/8"-14	1"-14	Converts Tube-O to Male Insert O-Ring	1/4" R12
	2025-3	7/8"-14	1"-14	Converts Tube-O to Male Insert O-Ring	13mm R134
 ADAPTER 90 DEGREE ROTALOK to MIO WITH SWITCH or SERVICE PORT	2031	3/4"-16	1"-14	Converts Rotalok to Male Insert O-Ring	1/4" R12
	2031-3	3/4"-16	1"-14	Converts Rotalok to Male Insert O-Ring	16mm R134
	2032	7/8"-14	1"-14	Converts Rotalok to Male Insert O-Ring	1/4" R12
	2032-3	7/8"-14	1"-14	Converts Rotalok to Male Insert O-Ring	13mm R134
 GM V-I-R By-Pass Orifice	2210	N/A	3/4"-18	Converts Valves-In-Receiver Drier to Orifice Style System	
	2210		5/8"-18		
	2210		7/16"-24		
 ADAPTER STRAIGHT FLARE TO O-RING	2606	5/8"-18	5/8"-18	Converts 6 MF to 6 MIO	
	2608	3/4"-16	3/4"-16	Converts 8 MF to 8 MIO	
	2609	7/8"-14	7/8"-14	Converts 10 MF to 10 MIO	
	2610	7/8"-14	3/4"-16	Converts 8 MF to 10 MIO	



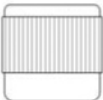
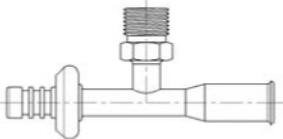
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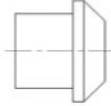
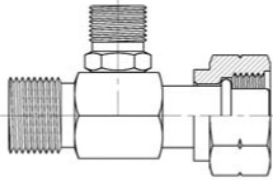
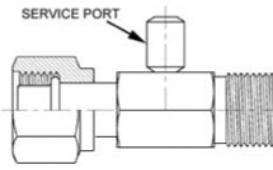
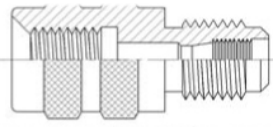
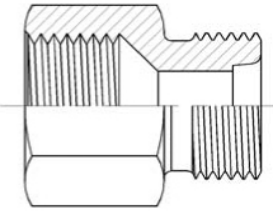


FITTINGS & COMPONENTS					
ILLUSTRATION	(NON-HOSE ENDS)				PORT
	ATCO PN#	MALE THREAD	FEMALE THREAD	DESCRIPTION	
 ORIFICE TUBE WITH FILTER	2611B 2612 2612B 2615 2615B 2616 2616B 2617 2617B 2618 2618B 2619 2619B	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	10 Pack of 2611 GM Brown .047 Orifice 10 Pack of 2612 GM Black .072 Orifice 10 Pack of 2615 Ford Blue .067 Orifice 10 Pack of 2616 Ford Green .052 Orifice 10 Pack of 2617 Ford Orange .057 Orifice 10 Pack of 2618 Ford Red .062 Orifice 10 Pack of 2619	
 SIGHT GLASS O-RING STYLE IN-LINE	2675	5/8"-18	5/8"-18		
 ADAPTER 90 DEGREE	2676 2677 2678	5/8"-18 3/4"-16 7/8"-14	5/8"-18 3/4"-16 7/8"-14	Adapts Male Insert O-Ring By 90 Adapts Male Insert O-Ring By 90 Adapts Male Insert O-Ring By 90	
 STRAIGHT COMPRESSION FITTING BOTH ENDS	2886 2887	3/8"-18 3/4"-16	N/A N/A	Connects to 3/8" Tube on Both Ends Connects to 1/2" Tube on Both Ends	
 GM SLIMLINE PORT SEAL	4004 4004B 4005 4005B 4006 4006B 4007 4007B	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	#12 Accumulator Port Seal 10 Pack of 4004 5/8" I.D.-.05 Compressor Port Seal 10 Pack of 4005 3/4" I.D.-.05 Compressor Port Seal 10 Pack of 4006 5/8" I.D.-.12 Compressor Port Seal 10 Pack of 4007	



FITTINGS & COMPONENTS					
ILLUSTRATION	ATCO PN#	MALE THREAD	FEMALE THREAD	(NON-HOSE ENDS)	
				DESCRIPTION	PORT
 VALVE CORE STANDARD FLOW	4025	.210"-36	N/A	Seal Compounds Compatible with R134a and Lubricants 10 Pack of 4025	
	4025B	.210"-36	N/A		
 PLASTIC CAP FOR R12 SERVICE PORT	4027	7/16"-20	N/A	1/4" Black Cap with Internal O-Ring Seal 10 Pack of 4027	
	4027B	7/16"-20	N/A		
 O-RING COMPATIBLE WITH R12 AND R134 LUBRICANTS	4041	N/A	N/A	O-Ring for 6 Pilot 10 Pack of 4041 O-Ring for 8 Pilot 10 Pack of 4042 O-Ring for 10 Pilot 10 Pack of 4043 O-Ring for 12 Pilot 10 Pack of 4044 O-Ring for 3/8"-24 Switch Port 10 Pack of 4046	
	4041B	N/A	N/A		
	4042	N/A	N/A		
	4042B	N/A	N/A		
	4043	N/A	N/A		
	4043B	N/A	N/A		
	4044	N/A	N/A		
	4044B	N/A	N/A		
	4046	N/A	N/A		
 PLASTIC CAP FOR R134a SERVICE PORT	4050	N/A	8mm	Hi-Side Cap (Standard Flow)-Red 10 Pack of 4050 Lo-Side Cap (Standard Flow)-Blue 10 Pack of 4051 Hi-Side Cap (High Flow)-Red 10 Pack of 4155 Lo-Side Cap (High Flow)-Blue 10 Pack of 4156	
	4050B	N/A	8mm		
	4051	N/A	8mm		
	4051B	N/A	8mm		
	4155	N/A	10mm		
	4155B	N/A	10mm		
	4156	N/A	9mm		
	4156B	N/A	9mm		
 VALVE CORE HI-FLOW	4150	M6 x .75	N/A	Seal Compounds Compatible with R134a and Lubricants 10 Pack of 4150	
	4150B	M6 x .75	N/A		
 FORD SPRINGLOCK 6 MIO-TEE (O-RINGS & SPRING INCLUDED)	4330 4331 4334	5/8"-18 5/8"-18 1 1/16"-14	N/A N/A N/A	8 MSL-8 FSL-6 MIO 6 MSL-6 FSL-6 MIO 12 MSL-12 FSL-12 MIO - Replaces Part No. 3-4070	



FITTINGS & COMPONENTS					
(NON-HOSE ENDS)					
ILLUSTRATION	ATCO PN#	MALE THREAD	FEMALE THREAD	DESCRIPTION	PORT
 ADAPTER STRAIGHT O-RING TO FLARE	6240 6240B 6242 6242B 6243 6243B 6244 6244B	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	Converts 6 MIO to 6 MF 10 Pack of 6240 Converts 8 MIO to 8 MF 10 Pack of 6242 Converts 10 MIO to 10 MF 10 Pack of 6243 Converts 12 MIO to 12 MF 10 Pack of 6244	
 GM METRIC O-RING TEE	6282 6283 6293 NEW	M20 x1.5 M27 x 2.0 10	M20 x1.5 M27 x 2.0 10	Tee branch is 5/8"-18 (6 MIO) Tee branch is 7/8"-14 (10 MIO)  STANDARD FITTING "O" RING	
 UNIVERSAL SPLICER R134a SERVICE PORT FOR RETROFIT (Steel)	6301 6302 6303	5/8"-18 3/4"-16 7/8"-14	5/8"-18 3/4"-16 7/8"-14		16mm R134 16mm R134 13mm R134
 SCREW-ON ADAPTER STRAIGHT R12 SERVICE PORT FOR RETROFIT	6430	7/16"-20	5/16"-24		1/4" R12
 ADAPTER STRAIGHT ENGLISH MALE FLARE TO METRIC MIO	8300 8331 8332	9/16" x 1.5 M16 x 1.5 M20 x 1.5	9/16"-18 5/8 "-18 3/4 "-16	Converts 6 MF to 9/16"-18 MIO Converts 6 MF to M16 MIO Converts 8 MF to M20 MIO	



HEATER HOSE FITTINGS

H1902

1/2" MPT x 5/8" Hose
Straight

H1903

3/8" MPT x 5/8" Hose
Straight

H1904

1/2" MPT x 3/4" Hose
Straight

H1905

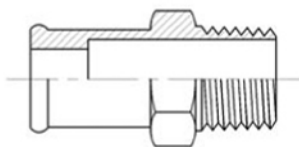
3/8" MPT x 5/8" Hose
Restricted Flow - Straight

H1925

1/4" MPT x 5/8" Hose
Straight

H1940

1/2" MPT x 1" Hose
Straight

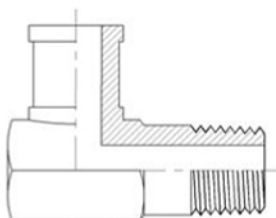


H1942

3/8" MPT x 5/8" Hose
90 Degree

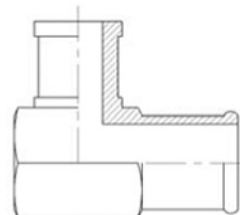
H1948

1/2" MPT x 5/8" Hose
90 Degree



H1951

5/8" Hose x 3/4" Hose
Splicer - 90 Degree



H1953

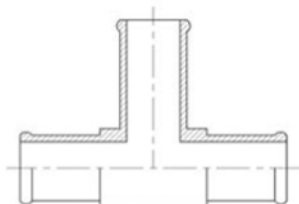
3/4" Hose x 3/4" Hose x 5/8" Hose
Splicer - Tee

H1954

5/8" Hose x 5/8" Hose x 5/8" Hose
Splicer - Tee

H1955

3/4" Hose x 3/4" Hose x 3/4" Hose
Splicer - Tee



H1906

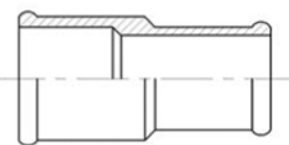
5/8" Hose x 1/2" Hose
Splicer - Straight

H1907

3/4" Hose x 5/8" Hose
Splicer - Straight

H1913

1" Hose x 3/4" Hose
Splicer - Straight



H1908

5/8" Hose x 5/8" Hose
Splicer - Straight

H1909

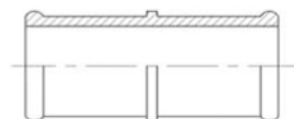
3/4" Hose x 3/4" Hose
Splicer - Straight

H1915

1/2" Hose x 1/2" Hose
Splicer - Straight

H1919

1" Hose x 1" Hose
Splicer - Straight



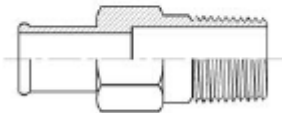


AIR CONDITIONING HEATING UNITS

Heater Hose Fittings

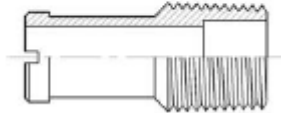
H1914

1/2" MPT - 5/8" Hose
Long Hex - Straight



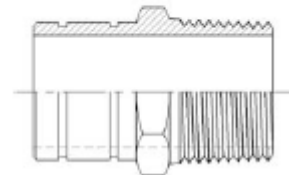
H1923

1/2" MPT - 5/8" Hose
Slotted Head - Straight



H1926

3/4" MPT - 1" Hose
Slotted Head - Straight



H1931

5/8" Diameter Tube x 5/8" Hose
Straight

H1932

3/4" Diameter Tube x 5/8" Hose
Straight

H1933

3/4" Diameter Tube x 3/4" Hose
Straight



BVS 131F

1/2" x 1/2"
ON/OFF Ball Valve



Manual shutoff valves

H2036 5/8" x 5/8"

H1041 3/4" x 3/4"

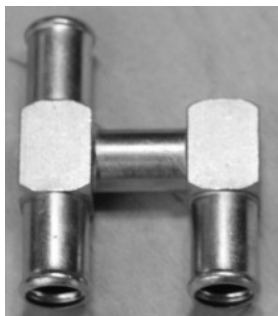


H4066: 5/8" x 5/8" x 5/8"

H4166: 3/4" x 3/4" x 5/8"

H5166: 3/4" x 3/4" x 3/4"

H6166: 5/8" x 5/8" x 3/4"



H1040

5/8" x 5/8

H1952

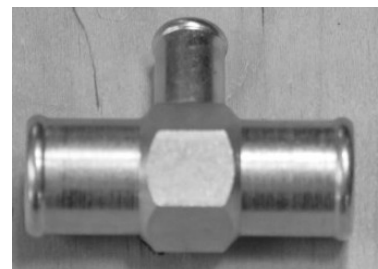
3/4" x 3/4"

90° elbows



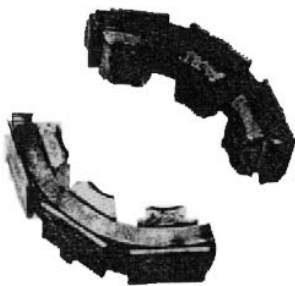
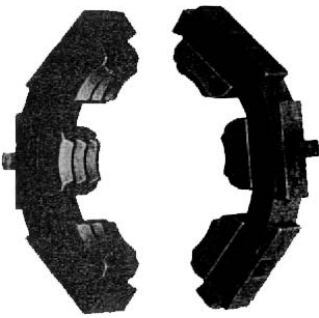
H1046

1" x 1" x 5/8"



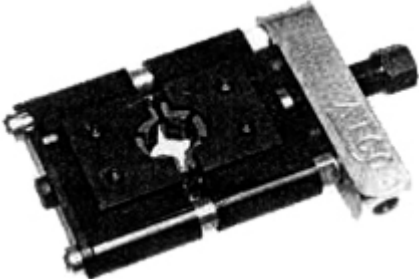


ATCO FITTINGS, PARTS & TOOLS

ILLUSTRATION	PART NO.	COMMENTS
 HANDI-CRIMP	3300	Recommended only for Crimping Hose with Two-Braid Dimensions
 KWIK CUT HOSE CUTTER	3541 3541-B	Hose Cutter-Hand Held Blade Only
 CRIMP DIES	3606 3608 (8) 3610 (10) 3611 (12)	Hose I.D. (6) 5/16" 13/32") 1/2") 5/8" All dies for use in Model 3600 & 3700 crimpers.
 CRIMP DIES	3606-SR 3608-SR 3610-SR 3612-SR Diameter	Hose I.D. (6) 5/16" (8) 13/32" (10)) 1/2" (12)) 5/8" Colors Black Blue Green Clear These dies are for use with aluminum & steel Fittings with steel ferrules & reduced outside barrier style hose. (RB & SR Fittings) For use in ATCO Model 3600 & 3700 Series Crimpers.



ATCO FITTINGS, PARTS & TOOLS

ILLUSTRATION	PART NO.	COMMENTS
	3700-1	Model 3700 crimper only. No dies or carrying case.
	3700-B	Model 3700 crimper equipped for use with ATCO 3500 hydraulic pump
	3710	Portable Bubble Style Hose Crimper Featuring Model 3700 crimper only. No dies or carrying case.
 Chrysler Flush Kit	3930	Kit Includes: 3931 - Evap. Flush 3932 - Condenser Flush 3933 - System Flush (At Drier) 3991 - Evap/Exp Gaskets (5 ea.) 3992 - Rec/Drier Gaskets (10 ea.) 3993 - Condenser Gaskets (5 ea.) All connect to 1/4" Charging Hose Plus Carrying Case



ATCO FITTINGS, PARTS & TOOLS

ILLUSTRATION	PART NO.	COMMENTS
 Ford Flush Kit	3940	Kit Includes: 3941 - 6 Male Springlock 3942 - 8 Male Springlock 3943 - 10 Male Springlock 3944 - 12 Male Springlock 3945 - 6 Female Springlock 3946 - 8 Female Springlock 3947 - 10 Female Springlock 3948 - 12 Female Springlock 3952 - 8 Male Insert O-Ring 3953 - 10 Male Insert O-Ring 3954 - 12 Male Insert O-Ring 3956 - 8 Female O-Ring 3957 - 10 Female O-Ring 3958 - 12 Female O-Ring 3994 - Springlock O-Ring Assortment 3996 - Standard O-Ring Assortment All connect to 1/4" Charging Hose Plus Carrying Case
 GM Flush Kit	3950	Kit Includes: 3951 - 6 Male Insert O-Ring 3952 - 8 Male Insert O-Ring 3954 - 12 Male Insert O-Ring 3955 - 6 Female O-Ring 3956 - 8 Female O-Ring 3958 - 12 Female O-Ring 3959 - System Flush (At Compressor) 3965 - Accumulator By-Pass (Std O-Ring) 3969 - Accumulator By-Pass (Dual O-Ring)) 3972 - 8 Female Insert O-Ring 3974 - 12 Female Insert O-Ring 3985 - 8 FOR to 6 MIO Adapter 3986 - 10 FOR to 8 MIO Adapter 3987 - 12 FOR to 10 MIO Adapter 3995 - O-Ring Assortment All connect to 1/4" Charging Hose Plus Carrying Case



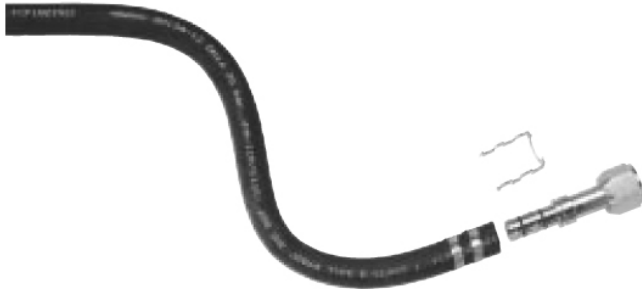
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EATON Aeroquip A/C Refrigeration Hose & Fittings

EZ-CLIP SYSTEM COMPONENTS ORDERING & IDENTIFYING



The E-Z Clip System is designed for assembly with Aeroquip GH134 Multi-Refrigerant hose. Its engineered connection exceeds SAE J2064 and has been vibration and impulse tested.

The benefits of E-Z Clip are virtually endless:

- No guess work
- No leaking crimps
- No power supply needed
- As easy to use as a pair of pliers
- Easy to use in confined areas

Assembly Materials Checklist

- Pliers (3541)
- Guillotine blade (FT1356) or equivalent cutting tool
- Refrigerant oil compatible with refrigeration or A/C system
- GH134 Multi-Refrigerant hose
- Nipple assembly*
- Appropriately sized clips and cage

*NOTE:

The two black O-rings on the nipple assembly are of a specific rubber compound and size. They should NOT be removed or replaced.



E-Z Clip System Components Are Simple to Identify, Order and Use

ORDERING INFORMATION

Hose	Nipple	Cage	Clips
GH134-6	FJ _ _ _ 06S	1F40105-06C	1F40104-06C
GH134-8	FJ _ _ _ 08S	1F40105-08C	1F40104-08C
GH134-10	FJ _ _ _ 10S	1F40105-10C	1F40104-10C
GH134-12	FJ _ _ _ 12S	1F40105-12C	1F40104-12C

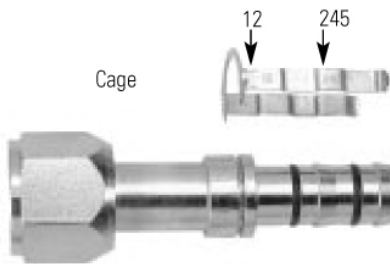
IDENTIFICATION GUIDE

Hose	Cage	Clips	Nipple O-Ring (HNBR)
GH134-6	-6 and 150	150	1F40106-06
GH134-8	-8 and 175	175	1F40106-08
GH134-10	-10 and 200	200	1F40106-10
GH134-12	-12 and 245	245	1F40106-12

For Example...

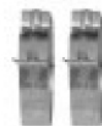


Hose



Cage

Cage Groove



Clips



EATON Aeroquip A/C Refrigeration Hose & Fittings

EZ-CLIP SYSTEM ASSEMBLY INSTRUCTIONS

Step 1. Cut the Hose

Cut the hose to proper length with an appropriate cutting tool. Aeroquip's hand-held hose cutter (FT1356) has been specially designed for cutting all non-wire reinforced hose, such as GH134 Multi-Refrigerant hose. Be sure the cut is made square to the hose length.



Step 2. Slip on Two Clips

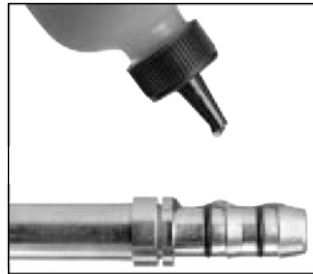
Install two proper-sized clips onto the cut end of the hose. Orientation of the clips does not affect the performance of the connection. However, for ease of assembly, both clips should have the same orientation.

NOTE: Failure to slide the clips over the hose at this time will require the clips to be stretched over the hose or fitting later. This may permanently damage the clip.



Step 3. Oil the Nipple

Lubricate the nipple with a generous amount of the refrigeration or A/C system's compressor lubricating oil. This **MUST** be done to lower the force of nipple insertion.



Step 4. Insert the Nipple into the Hose

Insert the nipple into the hose. To ensure that the nipple is fully inserted, check the gap between the cut end of the hose and the shoulder on the nipple. Care should be taken to avoid kinking or other damage to the hose during nipple insertion.

NOTE: Be sure to wipe excess oil from the nipple and hose.



Step 5. Snap on the Cage

Snap the cage into the groove on the nipple. The arms should extend over the hose length. When the cage has been correctly installed in the cage groove, the cage will be able to rotate in the groove. This step **MUST** be performed to ensure:

1. The clips will be located over the O-rings on the nipple.
2. The connection will be compatible with the connection's pressure rating.





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EATON Aeroquip A/C Refrigeration Hose & Fittings

EZ-CLIP SYSTEM ASSEMBLY

Step 6: Slide the Clips

Slide the clips over the cage arms and into the channels on each arm.



Step 7: Close the Clips

Use the FT1357 pliers to close the clips. The pliers should be positioned squarely on the clip connection points and should remain square during the closing of the clip.

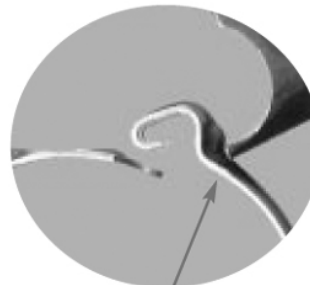


Nose of the pliers should be firmly seated under the assembly bump and lock latch.

If the pliers are not kept square during closing of the clip, the clasp may have an offset. Use the pliers to correct the clasp alignment.



For easiest assembly, the clasp should be closed between the cage arms.



Correct



Incorrect

Notice

E-Z Clip components should not be reused. For recommendations on cleaning and routing hose assemblies, please consult Aeroquip Assembly Bulletin JA776.



Incorrect

Correct



CAUTION: Failure to follow these assembly instructions and/or the use of Aeroquip hose with fittings supplied by other manufacturers may result in unreliable and unsafe hose assemblies, which may result in sudden or unintended escape of refrigerant gases. Personal injury and/or violations of EPA regulations may occur as a consequence. Aeroquip recommends adherence to all guidelines, including EPA guidelines, concerning the service of refrigerant systems.



EATON Aeroquip A/C Refrigeration Hose & Fittings

FC505 – For Use With EZ-CLIP Size 4

Refrigeration/air conditioning SAE J2064 Type E Class 1, Multi-refrigerant



**FC505 is qualified for the EZ Clip System in size 4 only.

PART NUMBER	HOSE I.D. INCHES	HOSE O.D. INCHES	MAXIMUM OPERATING PRESSURE PSI	MINIMUM BURST PRESSURE PSI	MINIMUM BEND RADIUS INCHES	VACUUM *SERVICE* INCH/HG	WEIGHT PER FOOT POUNDS
	MM/INCHES	MM/INCHES	BAR	BAR	MM/INCHES	INCHES	POUNDS
#							
FC505-04	5.08/20	11.2/44	500	2500	38.0/1.50	29.5	07

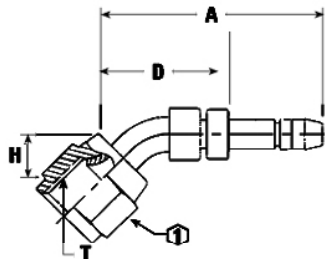
Construction: Nylon veneer tube, stabilized synthetic braided reinforcement and chlorobutyl rubber cover.

Application: Transportation refrigeration and air conditioning systems using R-134a, R-12, R-22 or R-502 (contact Eaton for additional refrigerants).

Operating Temperature Range: -40°F to +275°F (-40°C to +135°C).

*All sizes will withstand full negative pressure for charging purposes.

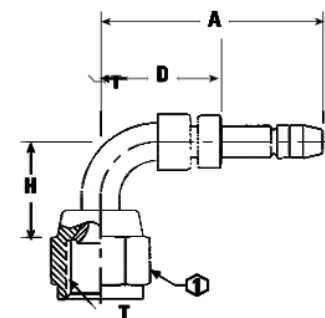
FJ3059



45° Universal Swivel (SAE 37° or 45°)

PART NUMBER	TH'D "T"	HOSE SIZE	A REF	D REF	F REF	H REF	① REF
FJ3059-0404S	7/16-20	4	1.57	0.91	—	0.33	0.56

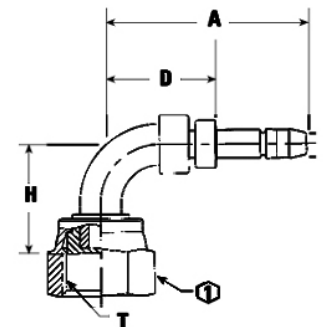
FJ3149



90° Universal Swivel (SAE 37° or 45°)

PART NUMBER	TH'D "T"	HOSE SIZE	A REF	D REF	F REF	H REF	① REF
FJ3149-0404S	7/16-20	4	2.47	0.8	—	0.68	0.56

GA23913



90° ORS Swivel

PART NUMBER	TH'D "T"	HOSE SIZE	A REF	D REF	F REF	H REF	① REF
GA23913-4-4	9/16-18	4	1.79	1.12	—	0.82	17mm

H5166 AEROQUIP HOSE

3/4" x 3/4" x 3/4"

GH134A/R22-6RL	560 FT/REEL
GH134A/R22-8RL	575 FT/REEL
GH134A/R22-10RL	550 FT/REEL





EATON Aeroquip A/C Refrigeration Hose & Fittings

EZ-CLIP SYSTEM ASSEMBLY TOOLS

Pliers / Connecting Tool



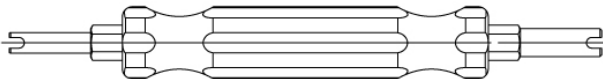
PART NUMBER	DESCRIPTION
FT1357	Connecting Tool

Hose Cutter



PART NUMBER	DESCRIPTION
3541	Hose Cutter
3541-B	Replacement Blade

Core Tool



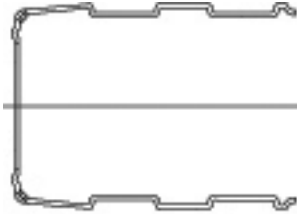
PART NUMBER	DESCRIPTION
42-05-100	Core Tool
FF90192-02	High Side Core*
FF90192-01	Low Side Core*
FF90193-02	High Side Cap
FF90193-01	Low Side Cap
FF9872-04	Cap for 7/16-20 Thd. port

*For Aeroquip high flow charge ports only.



EATON AEROQUIP A/C Refrigeration Hose & Fittings

Cages/ Fittings to Hose Attachment



PART NUMBER	CAGE SIZE	HOSE DESCRIPTION
AQ3004 / 1F40105-04C	-04	1 Cage for size -04 hose
AQ3006 / 1F40105-06C	-06	1 Cage for size -06 hose
AQ3008 / 1F40105-08C	-08	1 Cage for size -08 hose
AQ3010 / 1F40105-10C	-10	1 Cage for size -10 hose
AQ3012 / 1F40105-12C	-12	1 Cage for size -12 hose

Clips Hose/ Cage Connection



PART NUMBER	A REF	DESCRIPTION
AQ4004 / 1F40104-04C	-04	2 Clips for size -04 hose
AQ4006 / 1F40104-06C	-06	2 Clips for size -06 hose
AQ4008 / 1F40104-08C	-08	2 Clips for size -08 hose
AQ4010 / 1F40104-10C	-10	2 Clips for size -10 hose
AQ4012 / 1F40104-12C	-12	2 Clips for size -12 hose

EZ-CLIP SYSTEM TOOL CASE Aeroquip Part # FF12139

KIT CONTENTS COMPONENTS

PART NUMBER	DESCRIPTION	QTY/PER KIT
1F40104-size	Clips	20 each size
1F40105-size	Cages	10 each size
FT1357	Assy. Tool	1
FT1356	Hose Cutter	1
FT1356-2-1	Replacement Blade	1

NOTE: The E-Z Clip System has been designed to work exclusively with Aeroquip GH134 Hose.



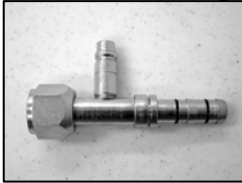


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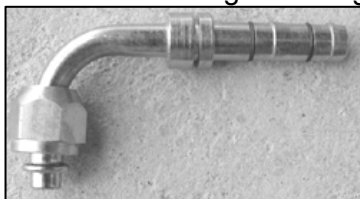


AEROQUIP - FITTINGS, PARTS and TOOLS

AQ1301 Straight Female "O" Ring #6 	AQ1303-3 straight Female "O" Ring With high low #10 
AQ1301-3 Straight Female "O" Ring with High Side #6 	AQ1308 #8 Fitting to #6 Hose 
AQ1302 Straight Female "O" Ring #8 	AQ1308-3 Straight Female "O" Ring #8 Fitting -1 #6 Hose with High Side 
AQ1302-1 Straight Female "O" Ring with Switch Port 	AQ1311 6 for/LP 6 BL 45 
AQ1302-3 Straight Female "O" Ring with High Side #8 	AQ1312 8 for/LP 8 BL 45 
AQ1303 Straight Female "O" Ring #10 	AQ1313 10 for/LP 10 BL 45 
AQ1303-1 Straight Female "O" Ring with Switch Port #10 	AQ1321 90° Female to Ring #6 

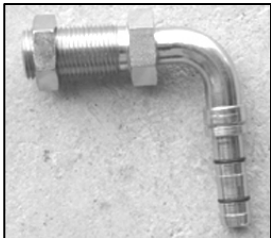
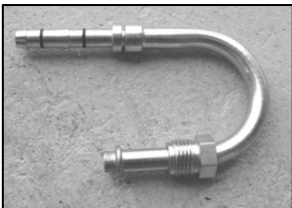
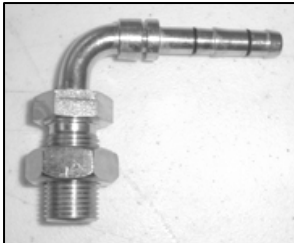
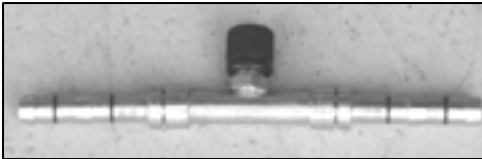


AEROQUIP - FITTINGS, PARTS and TOOLS

AQ1321-1 LP 90° Female "O" Ring with Switch Port #6 	AQ1323 90°Female "O" Ring #10 
AQ1321 LP 90°Female "O" Ring LP with SW#6 	AQ1323-1 90°Female "O" Ring with Switch Port 
AQ1322 90° Female "O" Ring #8 	AQ1323-1 SSV 90° Female "O" Ring #10 With Side Port #10 
AQ1322-1 LP 90° Female "O" Ring Long Pilot With Switch #8 	AQ1323-3 90° Female "O" Ring #10 with Low Side Charge 
AQ1322-3 90° Female "O" Ring with High Side Charge #8 	AQ1325 90° Female "O" Ring #6 Fitting #8 Hose 
AQ1322 LP 90° for LP Female "O" Ring #8 Fitting 	AQ1401 straight Male "O" Ring #6 Fitting 



AEROQUIP - FITTINGS, PARTS and TOOLS

AQ1403 Straight MOR #10 	AQ1723 90° Bulkhead #10 
AQ1421 90° MOR #6 	AQ1936 180° U Fitting #6 
AQ1423 10 MOR/SP BL 90° #10 	AQ1938 180° U Fitting 
AQ1423 90° MOR with Low Side Charge Port #10 	AQ6101 Straight Splicer #6 
AQ1721 90° MIO Bulkhead #6 	AQ6101-1 Splicer with R22/407C Charge Port #6 
AQ1722 90° MIO Bulkhead #8 	AQ6102 #8 fit #8 HS Straight Splicer 



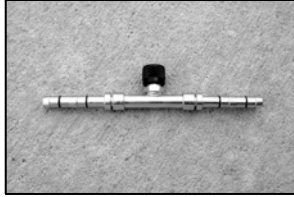
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AEROQUIP - FITTINGS, PARTS and TOOLS

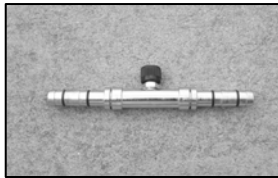
AQ6102-1 Splicer w/R22/407C Charge Port SV #8



AQ6103 10 10 BL SPR STR



AQ6103-1 Splicer with R22/407C Charge Port #10



AQ6103-3 Splicer with 134a charge port #10



AQ6104-3 Splicer with 134a charge port #12



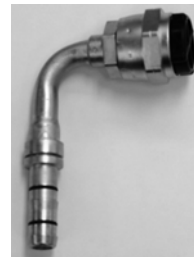
AA1939 #6 Chevy One Shot Straight



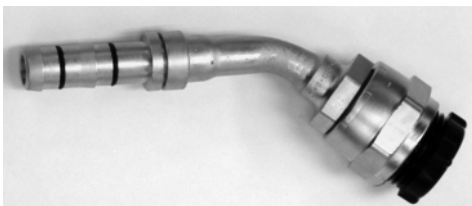
AA1979 #6 Chevy One Shot 90°



AA1940 #10 Chevy One Shot 90°



AA 2321Y #10 Chevy One Shot 40°



AA1980 #10 Chevy One Shot Straight

