


HVAC CATALOG



ROAD CHOICE[®]
TRUCK PARTS



We are committed to keeping
trucks on the road and moving
forward by providing quality parts
to all who repair heavy-duty vehicles.

CONFIDENCE.
COVERAGE.
COMMITMENT.

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**Parts that keep you moving.
Quality that keeps you coming back.**

FREIGHTLINER

SANDEN STANDARD COMPRESSORS



ACC3012

Direct Mount
8 GRV, 119mm Diameter
OE# SKI4776



ACC3210

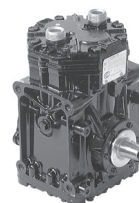
Direct Mount
8 GRV, 119mm Diameter
OE# SKI4818



ACC3208

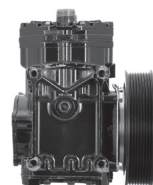
Direct Mount
6 GRV, 125mm Diameter
OE# SKI4819

YORK COMPRESSORS TUBE-O HEAD



ACC1000

No Clutch
OE# ET210L-25150



ACC1016

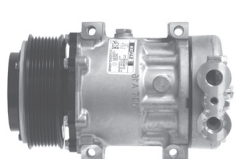
8 GRV Clutch
OE# ET210L-25246

SANDEN SUPER HEAVY-DUTY COMPRESSORS



ACC3211

Direct Mount
8 GRV, 119mm Diameter
OE# N83-304543S



ACC3744

Direct Mount
8 GRV, 119mm Diameter
OE# SKI4314S



ACC3748

Direct Mount
8 GRV, 140mm Diameter
OE# SKI4802

CLUTCHES



ACL2076

8 GRV, 6-1/8" Diameter
2 Wire OE# 024-25247



ACL2052

2 GRV, 6" Diameter 1
Wire OE# 024-21590

ACL2054

2 GRV, 6" Diameter
2 Wire OE# 024-25238

RECEIVER DRIERS



RD12225

Diameter: 3"
Length: 10"
In: 3/8" Male O-Ring
Out: 3/8" Female O-Ring
Top Sight Glass
Pressure Relief Valve
Moisture Indicator
(2) Schrader Valves - M10
OE# N83-319510



RD11205

Diameter: 3"
Length: 10"
In/Out: #6 Slimline
(2) M10 Switch Ports
Pressure Relief Plug
OE# N83-319744



RD11215

Diameter: 4"
Length: 7"
In/Out: #8 Stat Seals
Columbia, M2
OE# A22-63992-001



RD11222

In/Out: #8 Stat Seals
Cascadia
OE# A22-66700-00



O-RINGS

OR11330

#6 Stat Seal (Red)
5/8" OD, 5/16" ID

OR11331

#8 Stat Seal (Red)
3/4" OD, 7/16" ID

OR11345

Compressor
Stat Seal (Red)
1-1/8" OD, 9/16" ID

OR11341

Evaporator
#10 Stat Seal (Red)
15/16" OD, 9/16" ID

OR11342

#12 Stat Seal (Red)
1" OD, 11/16" ID

OR11349

STAT SEALS

Single job seal kit
Kit contains 2 pieces each.



PART #	DESCRIPTION
OR11330	#6 Stat Seal
OR11331	#8 Stat Seal
OR11341	#10 Stat Seal
OR11345	Compressor Seal
OR11342	#12 Stat Seal

FREIGHTLINER

BLOWER MOTORS & WHEELS



BM68305

Double Shaft
12 Volt, 1 Speed, CW
OE# BOA80-414-00-189



BM63300

12 Volt, 1 Speed, CW
OE# BOA85-440-50-009

BM63306

12 Volt, 1 Speed, CW
OE# BOA94350
BOAD8587



BM63307

12 Volt
OE# VCC35000003

EXPANSION VALVES



EV01040

Hose Side: #6 and #10
Suction Side: #8 and #10
Female O-Ring
Rating: 1-1/2 Ton
OE# BOA80-321-00-079



EV01410

Hose Side: #6 and #10
Suction Side: #8 and #10
Stat Seals
Rating: 1-1/2 Ton
Aux Sleeper (Gold Color)
OE# VCC88000030



EV01440

Hose Side: #8 and #12
Suction Side: #8 and #12
Stat Seals
OE# VCCT1001428N

EV01415

Hose Side: #6 and #10
Suction Side: #8 and #10
Stat Seals
Rating: 1 Ton
Aux. Sleeper
OE# BOA93674

EV01420

Hose Side: #6 and #12
Suction Side: #8 and #10
Stat Seals
Rating: 1-1/2 Ton
Main Unit
OE# BOA4965

EV01425

Hose Side: #8 and #12
Suction Side: #8 and #10
Stat Seals
OE# 327309

CABIN AIR FILTERS



CAF0433

7-7/8" x 6-1/4" x 3/4"
OE# BOA91595



CAF0432

10-5/8" x 10-5/8" x 1"
OE# BOA91559

CAF0436

8-5/8" x 8-3/8" x 1"
M2 Business Class
OE# VCC36000006

PRESSURE SWITCHES



SWI1922

High Pressure, NO
M10 x 1.25 Female
OE# A22-45194-000

SWI2322

Fan Override, NC
M10 x 1.5 Female
OE# A22-45194-1



SWI3216

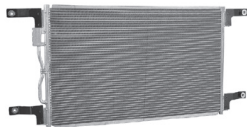
Binary Switch, M10
OE# 22-51296-000



SWI3226

Female Binary, M10
OE# A22-43249-000

CONDENSERS



CON0423

19" x 33-5/8" x 5/8"
Block Connectors
OE# 1E5864

CON0431

22-1/8" x 34-1/2" x 5/8"
Block Connectors
OE# 22-62272-000

CON0429

19" x 33-1/4" x 5/8"
Block Connectors
OE# 22-62271-000

CON0435

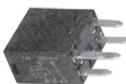
18-7/8" x 41-1/2" x 5/8"
Block Connectors
OE# A22-67125-001

RELAYS



SWI5708

5 Terminal, 30/50 amp
OE# VF2815F14S01



SWI5609

5 Terminal, 20/10 amp
OE# VF2815F24S01

SWI5612

5 Terminal, 35/20 amp
OE# 23-13265-000

A/C HOSE ASSEMBLIES



HOS5631

Discharge Hose
OE# A22-59792-004

HOS5658

Liquid Hose
OE# A22-57504-002

SANDEN STANDARD COMPRESSORS



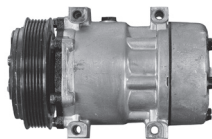
ACC3608

Direct Mount
6 GRV, 125mm Diameter
OE# F69-6002-121



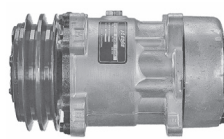
ACC3456

Direct Mount
8 GRV, 119mm Diameter
OE# F69-6002-111



ACC3452

Direct Mount
6 GRV, 125mm Diameter
OE# F69-6002-122



ACC2900

Ear Mount
2 GRV, 125mm Diameter
OE# F69-6002-231



ACC2844

Ear Mount
2 GRV, 132mm Diameter
OE# F69-6001-253

SANDEN SUPER HEAVY-DUTY COMPRESSORS



ACC3609

Direct Mount
6 GRV, 125mm Diameter
OE# F69-6003-122



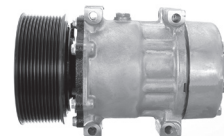
ACC3808

Direct Mount
8 GRV, 119mm Diameter
OE# F69-6003-111



ACC3453

Direct Mount
6 GRV, 125mm Diameter
OE# F69-6003-121



ACC3460

Direct Mount
12 GRV, 126mm Diameter
OE# F69-6003-151

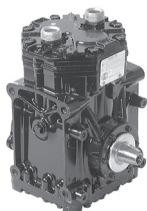


ACC3616

Direct Mount
8 GRV, 123mm Diameter
OE# F69-6003-112

YORK COMPRESSORS & CLUTCHES

TUBE-O HEAD



ACC1000

No Clutch
OE# ET210L25150



ACL2052

2 GRV, 6" Diameter
1 Wire
OE# 024-21590

RECEIVER DRIERS



RD12128

Diameter: 3"
Length: 10"
In/Out: 3/8" Male
O-Ring
Side Sight Glass
Top Schrader Valve
Moisture Indicator,
PRV OE# K251-521



RD12325

Diameter: 3"
Length: 10"
In: 3/8" Female O-Ring
Out: 3/8" Male O-Ring
Moisture Indicator
Side Sight Glass
OE# K251-571



RD11105

OE# F37-6000

RD11107

OE# F37-6003

Diameter: 3"
Length: 11"
Manifold
Connection

A/C HOSE ASSEMBLIES

HOS6000

Suction Hose
OE# D9031-1478

HOS6022

Discharge Hose
OE# D9031-1546

HOS6020

Discharge Hose
OE# D9031-1552

HOS6023

Discharge Hose
OE# K342-805-1050-055-0

HOS6021

Discharge Hose
OE# D9031-1549

HOS6050

Liquid Hose
OE# F50-1653-0930

O-RINGS

OR11011

#6 Hose Fitting
HNBR (Green)

OR11008

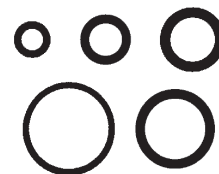
GM Capillary Tube

OR11013

#8 Hose Fitting
HNBR (Green)

OR11099

SINGLE JOB O-RING KIT
Kit contains:



OR11015

#10 Hose Fitting
HNBR (Green)

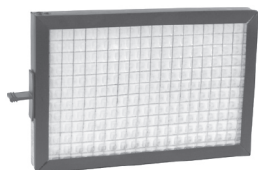
OR11017

#12 Hose Fitting
HNBR (Green)

QTY.	PART #	DESCRIPTION
1 ea.	OR11008	Capillary Tube
7 ea.	OR11011	#6 O-Ring
6 ea.	OR11013	#8 O-Ring
4 ea.	OR11015	#10 O-Ring
1 ea.	OR11017	#12 O-Ring

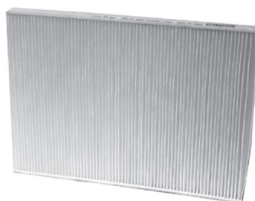
KENWORTH

CABIN AIR FILTERS



CAF1222

10-1/4" x 7" x 3/4"
OE# 5X000180,
5X000190



CAF1221

14" x 10" x 3/4"
OE# 525507BSM

EXPANSION VALVES



EV01025

Hose Side: #6 and #10 O-Rings
Suction Side: #8 and #8 O-Rings
w/M10, M12 Ports
Rating: 2 Ton
OE# 540446BSM

EV01005

Hose Side: #6 and #10 O-Rings
Suction Side: #8 and #8 O-Rings
Rating: 1-1/2 Ton
OE# 58590P

EV01230

Hose Side: #6 and #10 Flange
Suction Side: #8 and #8 Flange
Stud Mount, w/M10, M12 Ports
Rating: 2 Ton
OE# 540254BSM

BLOWER MOTORS & WHEELS



BM11136

Double Shaft, 12 Volt
1 Speed, REV
OE# 203080BSM



BM02178

Single Shaft
OE# HA1530 / 203115



BM65301

12 Volt, 1 Speed, CW
OE# 203142BSM



BM67300

12 Volt, 1 Speed, CW
OE# 5X012163



BMP3339

Wheel w/Dual Rotation
4-1/2" Diameter (Plastic)
OE# 589540BSM

SWITCHES



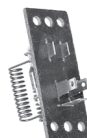
SWI3231

Binary Switch
M10 Threads (Brown)
OE# K301-370-1



SWI1672

Low Pressure, NO
M12 Threads (Green)
OE# 652578BSM



SWI6056

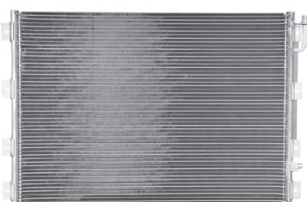
Blower Resistor
3 Speed, 3 Terminal
OE# 650179



SWI4404

Thermostatic Switch
Preset, 12" Capillary Tube
OE# RDHRD5-8938-0

CONDENSERS



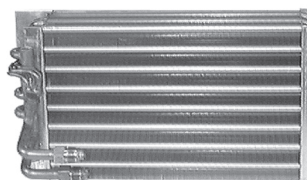
CON0819

20" x 28-1/2" x 1"
MIO Fittings
OE# K122-125

CON0824

24-1/4" x 31-1/2" x
3/4" Pad Fittings
OE# 486684-5008

EVAPORATORS



EVA0818

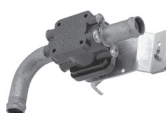
8" x 12-1/8" x 1-3/8"
Pad Fittings
OE# 151328BSM

HEATER VALVES & ACTUATORS



HP21315

Cable Control 90°
5/8" x 5/8" Pull to Open
OE# MA1680; 869261



HP21920

Cable Control 90°
5/8" x 5/8" Pull to Close
OE# MA1000; 865850



HP22702

Electric Heater Valve 90°
5-Pin, 5/8" x 5/8" Hose End
OE# 869948BSM



HP22720

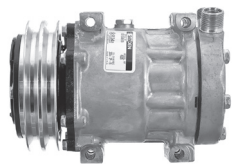
Electric Heater Valve Assembly
5-Pin Actuator, 5/8" x 5/8"
OE# 1000192487



HP22722

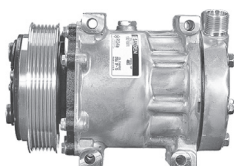
Electric Heater Valve Assembly
4-Pin Actuator, 5/8" Hose End
OE# MA1685; 686505BSM

SANDEN STANDARD COMPRESSORS



ACC2534

Direct Mount
2 GRV, 132mm Diameter
OE# SD4626/4780



ACC3540

Direct Mount
6 GRV, 125mm Diameter
OE# SD4883/4092



ACC2824

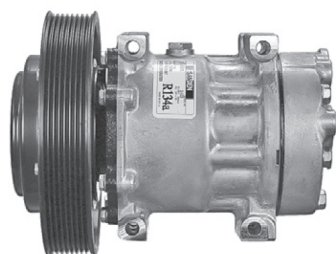
Ear Mount
2 GRV, 125mm Diameter
OE# 4379-RD5-7120-0



ACC2844

Ear Mount
2 GRV, 132mm Diameter
OE# 206RD413M

SANDEN SUPER HEAVY-DUTY COMPRESSORS



ACC3414

Sealed Super Heavy-Duty
Direct Mount
8 GRV, 180mm Diameter
OE# 206RD53M

SANDEN CLUTCHES



ACL2310

2 GRV, 132mm
(1/2" Width)
Keyed Shaft
OE# 509285

ACL2346

6 GRV, 2 Wire
4.9" Diameter, 125mm
Splined Shaft
OE# 4756-9931

ACL2332

2 GRV, 1 Wire
5-1/4" Diameter, 132mm
Keyed Shaft
OE# 6504-6210

ACL2352

8 GRV, 2 Wire
4.6" Diameter, 119mm
Keyed Shaft
OE# 4424-9931



ACL2336

2 GRV, 2 Wire
5-1/4" Diameter, 132mm
Splined Shaft
OE# 4777-9931

RECEIVER DRIERS



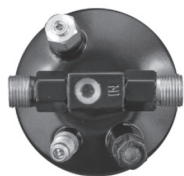
RD12025

Diameter: 3"
Length: 6-1/2"
3/8" x 3/8" Male O-Ring
Top Sight Glass
Side 1/4" Schrader Valve
Pressure Relief Valve
OE# 088423-01



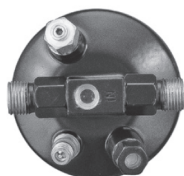
RD12140

Diameter: 3"
Length: 10"
3/8" x 3/8" Male O-Ring
Top Sight Glass
Schrader Valve
Pressure Relief Valve
OE# 221RD334



RD12145

Diameter: 3"
Length: 10"
3/8" x 3/8" Male O-Ring
Top Sight Glass
M10 Schrader Valve
Pressure Relief Valve
Moisture Indicator
OE# 221RD335



O-RINGS

OR11011

#6 Hose Fitting
HNBR (Green)

OR11013

#8 Hose Fitting
HNBR (Green)

OR11015

#10 Hose Fitting
HNBR (Green)

OR11017

#12 Hose Fitting
HNBR (Green)

OR11224

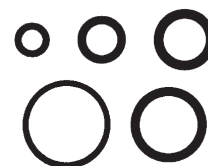
Suction Line (Black)
WV Head

OR11099

SINGLE JOB O-RING KIT

Kit contains:

QTY.	PART #	DESCRIPTION
1 ea.	OR11008	Capillary Tube
7 ea.	OR11011	#6 O-Ring
6 ea.	OR11013	#8 O-Ring
4 ea.	OR11015	#10 O-Ring
1 ea.	OR11017	#12 O-Ring



CABIN AIR FILTERS



CAF1030
10-1/4" x 11" x 1/2"
OE# 7787-525784

BLOWER MOTORS & WHEELS



BM02204
12 Volt, 1 Speed, CW
OE# 4379-RD5-6526



BMP3032
Wheel, CW
5-3/16" Diameter (Steel)
OE# 4379-RD5-8705-0

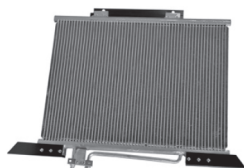


BM02528
12 Volt, 1 Speed, REV
OE# 2790-275160

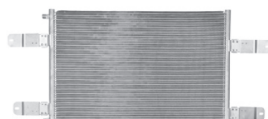


BM66301
12 Volt, 1 Speed, CW
2 Wires
OE# 7787-869445

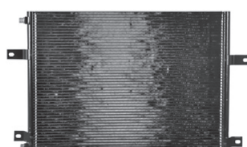
CONDENSERS



CON1023
17" x 24" x 1-3/8"
#6, #8 MIO Fittings
OE# 210RD424



CON1025
19-5/8" x 29" x 7/8"
#6, #8 MIO Fittings
OE# 210RD510M



CON1027
19-1/2" x 26" x 7/8"
#8, #6 MIO Fittings
OE# 210RD59M



CON1028
21-1/8" x 31-3/8" x 3/4"
#8, #6 MIO Fittings
OE# 210RD428

EXPANSION VALVES



EV01005
Hose Side: #6 and #10
Suction Side: #8 and #8
O-Rings
Rating: 1-1/2 Ton
OE# 4379-RD56868-0



EV01070
Hose Side: #6 and #12
Suction Side: #8 and #10
O-Rings
Rating: 1-1/2 Ton
OE# 6788-540



EV01030
Hose Side: #6 and #10
Suction Side: #8 and #10
O-Rings
Rating: 2 Ton
OE# 4379-RD5-5382-0

SWITCHES



SWI3010
Binary Switch
1/4" SAE Thread
OE# 1MR3506



SWI3211
Female Binary, M10 Threads
OE# 1MR3550M

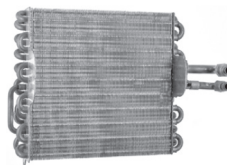


SWI3308
Female Trinary Switch
Fan Override, NO
7/16" Female Thread
OE# 1MR3506P2



SWI4432
Preset
Thermostatic Switch
24" Capillary Tube
OE# 9533N419

EVAPORATORS



EVA1012
10" x 10" x 2-5/8"
OE# 7787-869224

EVA2443
9-7/8" x 8-9/16" x 3-1/8"
OE# 4379-RD2-16550

ACTUATORS



HP22530
Heater Actuator
4-Pin
OE# 7787-650694

HEATER VALVES



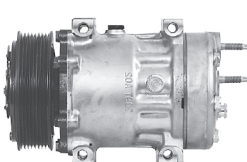
HP22304
Heater Valve
5/8" x 5/8"
OE# 2790-HV30644

SANDEN STANDARD COMPRESSORS



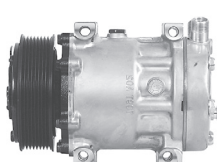
ACC3380

Direct Mount
6 GRV, 125mm Diameter
OE# 3541235-C91



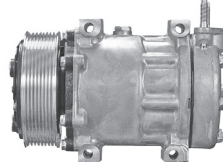
ACC3384

Direct Mount
8 GRV, 119mm Diameter
OE# 3547917-C1



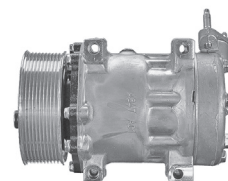
ACC3544

Direct Mount
8 GRV, 119mm Diameter
OE# 3551405-C1



ACC3160

Direct Mount
8 GRV, 119mm Diameter
OE# 3582435-C1

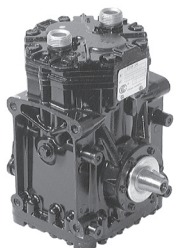


ACC4474

Direct Mount
10 GRV, 119mm Diameter
OE# 3611894-C1

YORK COMPRESSORS & CLUTCHES

TUBE-O HEAD



ACC1000

No Clutch
OE# 2502459-C91



ACL2004

1 GRV, 6" Diameter
2 Wire
OE# 502409

ACL2008

1 GRV, 6" Diameter
1 IHC Plug
OE# 1653480-C91

ACL2010

1 GRV, 6-5/16" Diameter
1 IHC Plug
OE# 2016403-C2



ACL2066

6 GRV, 5-7/8" Diameter
1 Wire
OE# 513352, MAN-03

ACL2074

8 GRV, 5-3/8" Diameter
1 Wire
OE# 515376, MAN-03

RECEIVER DRIERS & ACCUMULATORS



RD12415

Diameter: 3"
Length: 10"
In: 11-16" Female O-Ring
Out: 3/8" Female O-Ring
Top Sight Glass
Pressure Relief Valve
16mm Service Port
OE# 200821-C1



RDP1205

Diameter: 3-7/16"
Length: 9-1/2"
Pad Mount Type
OE# 3542577-C2,
BOA80-323-00-139



RDP1210

Diameter: 3-7/16"
Length: 9-1/2"
Pad Mount Type
OE# 3666273-C1



RDP1215

Accumulator
OE# 3670134-C1
P6546001

A/C HOSE ASSEMBLIES



HOS5800

Suction Hose
OE# 3600647-C91

HOS5820

Discharge Hose
OE# 3612296-C92

HOS5840

Liquid Hose
OE# 3612298-C92

HOS5824

Discharge Hose
OE# 3582987-C92

O-RINGS & GASKETS



OR11502

Discharge Line
O-Ring (Yellow)
5/8" OD, 3/8" ID
WG Head

OR11504

Discharge Line
5/8" ID
Metal Gasket
with Rubber Insert (Red)

OR11503

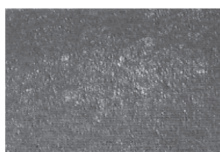
Suction Line
O-Ring (Yellow)
3/4" OD, 5/8" ID
WG Head

OR11505

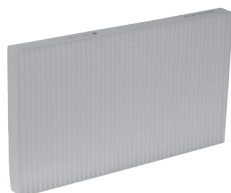
Suction Line
3/16" ID
Metal Gasket
with Rubber Insert (Red)

NAVISTAR

CABIN AIR FILTERS



(Washable)



CAF0621

13-1/2" x 12-1/2" x 1"
OE# 498144-C1

CAF0624

10" x 13-5/8" x 1/2"
OE# 1699956-C1

CAF0625

12-1/2" x 7-1/4" x 1"
OE# 2506656-C1

EXPANSION VALVES

EV01070

Hose Side: #6 and #12
Suction Side: #8 and #10
Female O-Ring
Rating: 1-1/2 Ton
OE# 3660853-C2



EV01230

Hose Side: #6 and #10
Suction Side: #8 and #8
Flange Mount
Rating: 2 Ton
M10, M12 Service Ports
OE# 2501794-C1

EV01215

Hose Side: #6 and #10
Suction Side: #8 and #8
Flange Mount
Rating: 2 Ton w/
Switch Port
OE# 1696846-C3

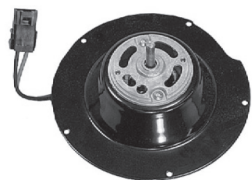


EV01704

Inlet: #6 (3/8")
Outlet: #8 (1/2")
Male O-Ring
Rating: 1-1/2 Ton
Equalizer Tube Length: 10"
OE# 1691469-C2



BLOWER MOTORS & WHEELS



BM64303

12 Volt, 1 Speed, CCW
OE# 1699949-C1



BM64306

12 Volt, 1 Speed, CW
OE# 3542611-C2

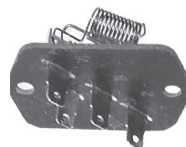
BM64305

12 Volt, 1 Speed, CW
OE# 1699291-C1

BM64308

12 Volt, 1 Speed, CW
OE# 3674285-C1

RESISTORS



SWI6024

4 Speed
4 Terminal
OE# 506552-C1



SWI6160

5 Terminal
OE# 3562102-C1

CONDENSERS



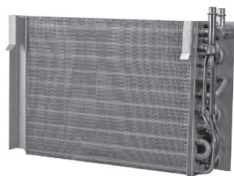
CON0643

20-1/8" x 23-5/8" x
5/8"
(Pad Fittings)
OE# 2585373-C2

CON0646

16" x 32" x 3/4"
(Pad Fittings)
OE# 2591836-C91

EVAPORATORS



EVA0617

10" x 13" x 2-5/8"
(Pad Fittings)
OE# 1699950-C1

ORIFICE TUBES



EV03055

Orifice Tube (Purple)
OE# 3548044-C1

PRESSURE SWITCHES



SWI3804

Freon Sensor
OE# 3548043-C1



SWI1910

High Pressure (Green) NO
M10 Female Threads
OE# 1676787-C1



SWI2314

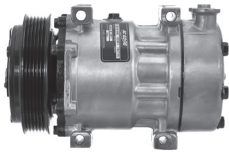
High Pressure (Red) NC
M10 Female Threads
OE# 3521729-C1



SWI2102

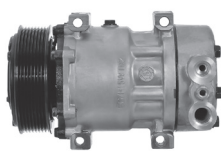
Low Pressure (Black) NC
M12 Female Threads
OE# 1676786-C1

SANDEN STANDARD COMPRESSORS



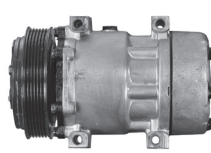
ACC3608

Direct Mount
6 GRV, 125mm Diameter
OE# F69-6002-121



ACC3456

Direct Mount
8 GRV, 119mm Diameter
OE# F69-6002-111



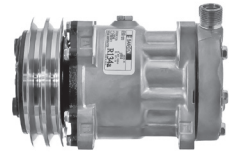
ACC3452

Direct Mount
6 GRV, 125mm Diameter
OE# F69-6002-122



ACC2900

Ear Mount
2 GRV, 125mm Diameter
OE# F69-6002-231



ACC2844

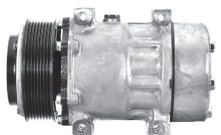
Ear Mount
2 GRV, 132mm Diameter
OE# F69-6001-253

SANDEN SUPER HEAVY-DUTY COMPRESSORS



ACC3609

Direct Mount
6 GRV, 125mm Diameter
OE# F69-6003-122



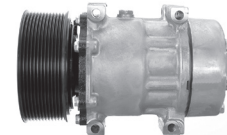
ACC3808

Direct Mount
8 GRV, 119mm Diameter
OE# F69-6003-111



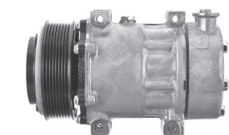
ACC3453

Direct Mount
6 GRV, 125mm Diameter
OE# F69-6003-121



ACC3460

Direct Mount
12 GRV, 126mm Diameter
OE# F69-6003-151



ACC3616

Direct Mount
8 GRV, 123mm Diameter
OE# F69-6003-112

YORK COMPRESSORS & CLUTCHES

TUBE-O HEAD



ACC1000

No Clutch
OE# ET210L25150



ACL2052

2 GRV, 6" Diameter
1 Wire
OE# 024-21590

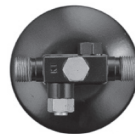
ACL2068

ACL2068
6 GRV, 5-7/8" Diameter
2 Wire
OE# 024-25241

ACL2076

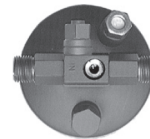
8 GRV, 6-1/8" Diameter
2 Wire
OE# 024-25247

RECEIVER DRIERS



RD12066

Diameter: 3"
Length: 8-1/4"
3/8" x 3/8" Male O-Ring
Side Sight Glass
Top Switch Port
OE# 18-01800



RD12134

Diameter: 3"
Length: 10"
3/8" x 3/8" Male O-Ring
Top Sight Glass
Top Switch Port
Moisture Indicator
Pressure Relief Valve



RDP1302

Diameter: 3-1/2"
Length: 9-1/8"
In/Out: 1-1/16"
Female O-Ring
OE# 18-03837

RDP1305

Diameter: 3-1/2"
Length: 9-1/8"
OE# 18-04171

A/C HOSE ASSEMBLIES

HOS6000

Suction Hose
OE# D9031-1478

HOS6022

Discharge Hose
OE# D9031-1546

HOS6020

Discharge Hose
OE# D9031-1552

HOS6023

Discharge Hose
OE# K342-805-1050-055-0

HOS6021

Discharge Hose
OE# D9031-1549

HOS6050

Liquid Hose
OE# F50-1653-0930

O-RINGS

OR11011

#6 Hose Fitting
HNBR (Green)

OR11008

GM Capillary Tube

OR11013

#8 Hose Fitting
HNBR (Green)

OR11099

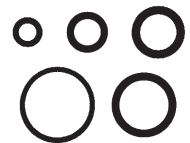
SINGLE JOB O-RING KIT
Kit contains:

OR11015

#10 Hose Fitting
HNBR (Green)

OR11017

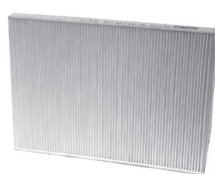
#12 Hose Fitting
HNBR (Green)



QTY.	PART #	DESCRIPTION
1 ea.	OR11008	Capillary Tube
7 ea.	OR11011	#6 O-Ring
6 ea.	OR11013	#8 O-Ring
4 ea.	OR11015	#10 O-Ring
1 ea.	OR11017	#12 O-Ring

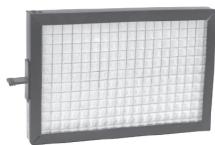
PETERBILT

CABIN AIR FILTERS



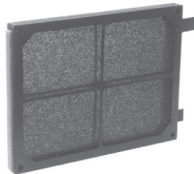
CAF1221

14" x 10" x 3/4"
OE# 525507BSM



CAF1222

10-1/4" x 7" x 3/4"
OE# 5X000180,
5X000190



CAF1223

10-1/2" x 7-1/2" x 3/4"
OE# 5X010007

BLOWER MOTORS & WHEELS



BM02224

12 Volt, CW
OE# 203239BSM



BM67300

12 Volt, CW
OE# 5X012163,
3X010983



BMP3339

Wheel with Dual Rotation
4-1/2" Diameter (Plastic)
OE# 589540BSM

CONDENSERS



CON1225

28" x 28" x 1-1/4"
MIO Fittings
OE# 18-04015



CON1227

24-1/4" x 29-1/2" x 11-1/16"
Pad Fittings
OE# F31-6042

CON1232

14" x 33" x 3/4"
Pad Fittings
OE# N4778001

CON1233

19" x 33" x 3/4"
Pad Fittings
OE# M3609001

EXPANSION VALVES



EV01005

Hose Side: #6 and #10
Suction Side: #8 and #8
O-Rings
Rating: 1-1/2 Ton
OE# 58590P

EV01210

Hose Side: #6 and #10
Suction Side: #8 and #8
Female O-Ring
Rating: 2 Ton
M10, M12 Service Ports
OE# 549708BSM; 929-513



EV01220

Hose Side: #6 and #10
Suction Side: #8 and #8
Flange Mount
Rating: 1-1/2 Ton
OE# 540056BSM

EV01225

Hose Side: #6 and #10
Suction Side: #8 and #8
Flange Mount
Rating: 2 Ton w/Service Ports
OE# 540057BSM

ORIFICE TUBES



EV03024

0.062" (Red)
OE# P93CAB2500-01S

PRESSURE SWITCHES



SWI1908

Fan Override, NO
M10 Threads (Gray)
OE# 18-03836



SWI1664

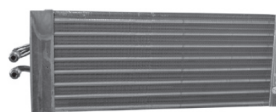
Low Pressure, NO
M12 Threads (Beige)
OE# 18-03834



SWI3221

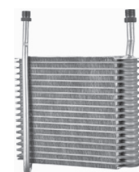
Binary Switch NC
M10 Threads (Purple)
OE# 18-03835

EVAPORATORS



EVA1210

8" x 18-5/8" x 2-1/2"
OE# 108291BSM



EVA1211

8-3/4" x 8-1/8" x 2-7/8"
OE# P93CAB1501-01S

HEATER VALVES & ACTUATORS



HP21303

Actuator, Cable-Operated
Pull to Close, 5/8" x 5/8" Hose
OE# MA1695, 870084BSM



HP22720

Electric Heater Valve Assembly
5-Pin Actuator, 5/8" x 5/8"
OE# 1000192487

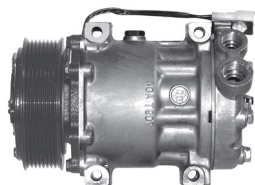


HP22722

Electric Heater Valve Assembly
4-Pin Actuator, 5/8" Hose End
OE# MA1685, 686505BSM

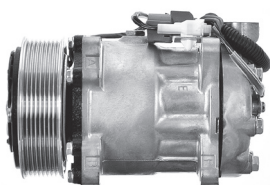
STERLING

SANDEN STANDARD COMPRESSORS



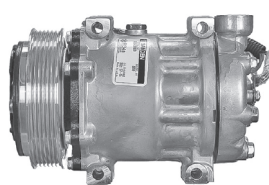
ACC3888

Direct Mount
8 GRV, 119mm Diameter
OE# A22-48973-00



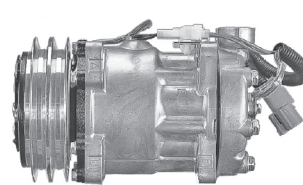
ACC4180

Ear Mount
8 GRV, 119mm Diameter
OE# XC4H-19D629AA



ACC3904

Direct Mount
6 GRV, 125mm Diameter
OE# SKI8410



ACC2950

Ear Mount
2 GRV, 132mm Diameter
OE# F4HT-19D629CA

BLOWER MOTORS & WHEELS



BM62305

12 Volt, CCW
OE# F4HZ-19805AA

BM62307

12 Volt, CW
OE# XC4H-19805AA



BMP3044

Wheel, CW
5-3/4" Diameter
OE# FOTZ-18504A

SANDEN CLUTCHES



ACL2340

2 GRV, 132mm Diameter, 12 Volt
OE# 4601-9931

ACCUMULATORS



RDP1110 - Steel

RDP1111 - Aluminum

Diameter: 3-1/2"
Length: 8-1/8"
In: 5/8" #10 MIO
Out: 3/4" #12 MIO
OE# 4C4H-19C808AA

RELAYS



SWI5704

Relay
4 Terminal, 70 amp
OE# F5RZ-14N089CB

RESISTORS



SWI6012

Resistor
4 Terminal
OE# 4C4H-19A706AA

PRESSURE SWITCHES



SWI1940

High Pressure, 2-Pin
M10 Threads
OE# F3AZ-19D594C



SWI1944

High Pressure, NC
Binary, 4 Terminal
M10 Threads (Green)
OE# 06-35209-000

O-RINGS

OR11008

GM Capillary Tube

OR11011

#6 Hose Fitting
HNBR (Green)

OR11013

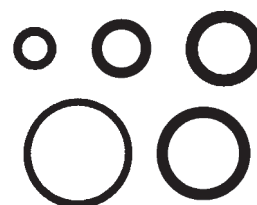
#8 Hose Fitting
HNBR (Green)

OR11015

#10 Hose Fitting
HNBR (Green)

OR11017

#12 Hose Fitting
HNBR (Green)



OR11099

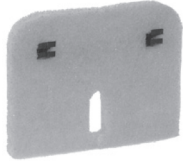
SINGLE JOB O-RING KIT

Kit contains:

QTY.	PART #	DESCRIPTION
1 ea.	OR11008	Capillary Tube
7 ea.	OR11011	#6 O-Ring
6 ea.	OR11013	#8 O-Ring
4 ea.	OR11015	#10 O-Ring
1 ea.	OR11017	#12 O-Ring

STERLING

CABIN AIR FILTERS



CAF0260

6" x 4-1/2" x 1/2"
OE# F6HZ-19N619BA



CAF0261

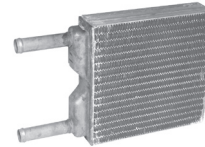
6-1/4" x 8-3/4" x 1-1/2"
OE# F6HZ-19N619AA



CAF0436

8-5/8" x 8-3/8" x 1"
OE# VCC36000006

HEATER CORES



HP11636

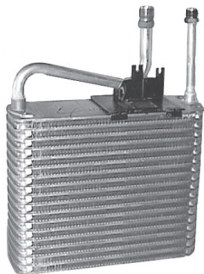
7" x 7-3/4" x 2"
In: 3/4" Out: 3/4"
OE# F1HZ-18476B



HP11647

7-11/16" x 7-1/8" x 2-1/8"
In: 3/4" Out: 3/4"
OE# F7HZ-18476AA

EVAPORATORS

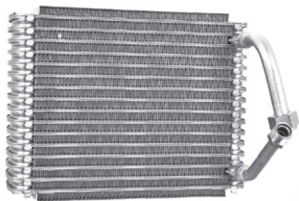


EVA2226

8-1/4" x 8-3/4" x 3-5/8"
OE# E4HZ-19860A

1000-EV03020

0.067" (Blue)



EVA2227

8-1/16" x 8-1/2" x 3-5/8"
OE# 4C4H-19860AA

ORIFICE TUBES



EV03020

0.067" (Blue)

EV03022

0.062" (Red)

EV03028

0.072" (Black/White)

CONDENSERS



CON2270

19" x 37-1/4" x 3/4"
MIO Fittings
OE# F6HZ-19712A



CON2282

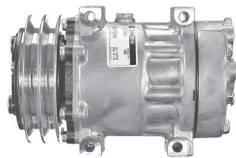
19-5/8" x 30-1/2" x 1"
8 x 8 O-Ring Fittings
OE# VAB1210364



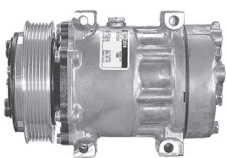
CON2285

24-7/8" x 20" x 5/8"
8 x 8 MIO Fittings
OE# BHT-87164

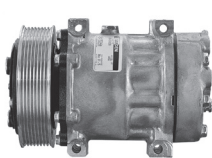
SANDEN STANDARD COMPRESSORS



ACC2516
Direct Mount
2 GRV, 132mm Diameter
OE# 8082269



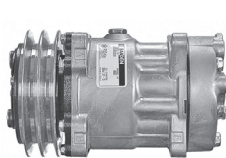
ACC3402
Direct Mount
6 GRV, 125mm Diameter
OE# 20501069



ACC3410
Direct Mount
8 GRV, 130mm Diameter
OE# 20370290

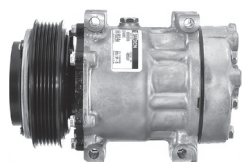


ACC2824
Ear Mount
2 GRV, 125mm Diameter
OE# 20370291

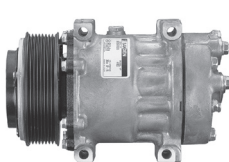


ACC2670
Ear Mount
2 GRV, 132mm Diameter
OE# 20370289

SANDEN SUPER HEAVY-DUTY COMPRESSORS



ACC3403
Super Heavy-Duty
Direct Mount
6 GRV, 125mm Diameter
OE# SD4285



ACC3411
Super Heavy-Duty
Direct Mount
8 GRV, 130mm Diameter
OE# SD4286



ACC3414
Sealed Super Heavy-Duty
Direct Mount
8 GRV, 180mm Diameter
OE# 20721587

SANDEN CLUTCHES



ACL2332
2 GRV, 5-1/4" Diameter
132mm
1 Wire, Keyed Shaft
OE# 6504-6210



ACL2346
6 GRV, 4.9" Diameter
125mm, 2 Wire
Splined Shaft
OE# 4756-9931

ACL2336
2 GRV, 5-1/4" Diameter
132mm, 2 Wire
Splined Shaft
OE# 4777-9931

ACL2352
8 GRV, 4.6" Diameter
119mm, 2 Wire
Keyed Shaft
OE# 3948140

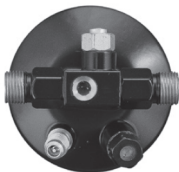
RECEIVER DRIERS



RD12072
Diameter: 3"
Legth: 8-1/4"
In/Out: 3/8" x 3/8"
Male O-Ring
Schrader Valve
Fuse Plug
Moisture Indicator
OE# 61506-3402



RD12095
Diameter: 3"
Length: 9"
In/Out: 3/8" x 3/8"
Male O-Ring
Top Sight Glass
Top Schrader Valve
Moisture Indicator
Pressure Relief Valve
OE# 20447319



RD12104
Diameter: 3"
Length: 9"
In/Out: 3/8" x 3/8"
Male O-Ring
Pressure Relief Valve
Moisture Indicator
OE# 20407203



O-RINGS

OR11011
#6 Hose Fitting
HNBR (Green)

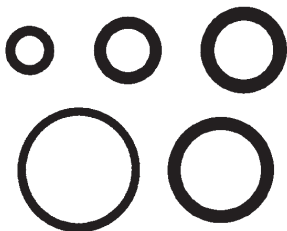
OR11013
#8 Hose Fitting
HNBR (Green)

OR11015
#10 Hose Fitting
HNBR (Green)

OR11017
#12 Hose Fitting
HNBR (Green)

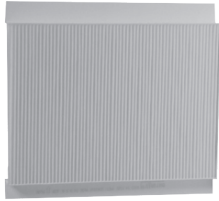
OR11224
Suction Line
(Black)
WV Head

OR11099
SINGLE JOB O-RING KIT
Kit contains:



QTY.	PART #	DESCRIPTION
1 ea.	OR11008	Capillary Tube
7 ea.	OR11011	#6 O-Ring
6 ea.	OR11013	#8 O-Ring
4 ea.	OR11015	#10 O-Ring
1 ea.	OR11017	#12 O-Ring

CABIN AIR FILTERS



CAF1413
12" x 9" x 1-1/4"
OE# 20435801

BLOWER MOTORS & WHEELS



BM63304
Single Shaft
12 Volt, 1 Speed, CW
OE# 3949886

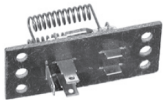
BM63306
Single Shaft
12 Volt, 1 Speed, CW
OE# BOA94350



BM68305
Double Shaft
12 Volt, 1 Speed, CW
OE# BOA80-414-00-189

BM68301
Double Shaft
12 Volt, 1 Speed, CW
OE# 3946686

RESISTORS

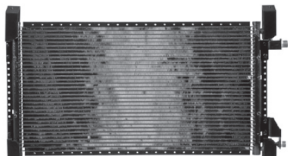


SWI6056
3 Speed, 3 Terminal
OE# V1118410

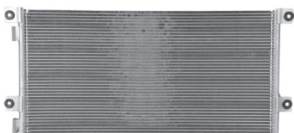


SWI6068
3 Speed, 3 Terminal
OE# V1697520

CONDENSERS



CON1424
14" x 26" x 1-3/8"
#6 MOR x #8 MOR
OE# 8074693



CON1426
16-1/4" x 31-1/2" x 7/8"
OE# 8084348,
20461065,
Valeo 1210340

EXPANSION VALVES



EV01005
Hose Side: #6 and #10
Suction Side: #8 and #8
O-Rings
Rating: 1-1/2 Ton
OE# 3916657



EV01040
Hose Side: #6 and #10
Suction Side: #8 and #10
O-Rings
Rating: 1-1/2 Ton
w/Single Mounting Hole
OE# 3949281



EV01235
Hose Side: #6 and #12
Suction Side: #8 and #10
Flange Mount
Rating: 2 Ton
OE# 3946673



EV01065
Hose Side: #6 and #10
Suction Side: #8 and #10
Female O-Rings
OE# 85104197



EV01070
Hose Side: #6 and #12
Suction Side: #8 and #10
O-Rings
Rating: 1-1/2 Ton
OE# 20443850

PRESSURE SWITCHES



SWI1628
Low Pressure, NO
1/4" Female Flare Threads
OE# RD5-6395-1



SWI2216
High Pressure, NC
1/4" Female Flare Threads
OE# 3918220

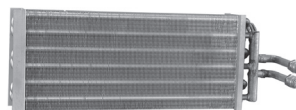


SWI3308
Female Trinary, NO
Fan Override
7/16" Female Thread
OE# 61522-0007



SWI4428
Thermostatic Switch
24" Capillary Tube
OE# V1118408

EVAPORATORS



EVA2474
6" x 13-3/8" x 2-1/2"
OE# RD2-1664-0

HEATER VALVES & ACTUATORS



HP22412
Heater Valve Regulator
OE#3946690



HP22710
4-Pin, 5/8" Hose End
OE#3947439

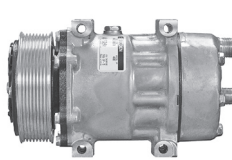
WESTERN STAR

SANDEN STANDARD COMPRESSORS



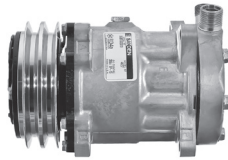
ACC2534

Direct Mount
2 GRV, 132mm Diameter
OE# SD4780



ACC3112

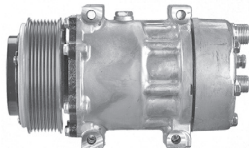
Direct Mount
8 GRV, 119mm Diameter
OE# SD4667



ACC2824

Ear Mount
2 GRV, 125mm Diameter
OE# SD4627

SANDEN SUPER HEAVY-DUTY COMPRESSORS

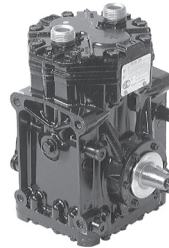


ACC3116

Direct Mount
8 GRV, 119mm Diameter
OE# SD4391

YORK COMPRESSORS & CLUTCHES

TUBE-O HEAD



ACC1000

No Clutch
OE# ET210L25150



ACL2052

2 GRV, 6" Diameter
1 Wire
OE# 03-1104973

ACL2332

2 GRV, 5-1/4" Diameter
1 Wire, 12 Volt
OE# 6504-6210

RECEIVER DRIERS



RD11804

Diameter: 2-3/4"
Length: 10"
In/Out: 3/8" x 3/8" Male O-Ring
Top Sight Glass, Low Pressure Switch
Pressure Relief Valve
OE# 02-7077922



RD11812

Diameter: 2-3/4"
Length: 10"
In/Out: 3/8" x 3/8" Male O-Ring
Top Sight Glass
Pressure Relief Valve
OE# 04-9041020



RD12122

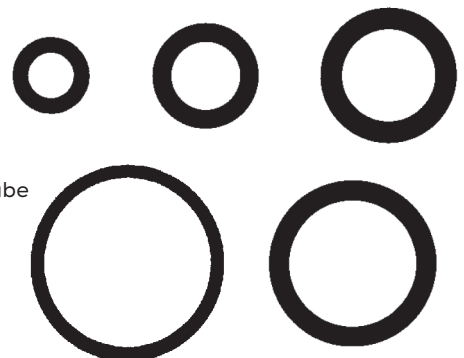
Diameter: 3"
Length: 10"
In/Out: 3/8" x 3/8" Male O-Ring
Top Sight Glass, Fuse Plug
1/4" Port
OE# 61506-3406



RD12072

Diameter: 3"
Length: 8-1/4"
In/Out: 3/8" x 3/8" Male O-Ring
Fuse Plug, Schrader Valve
Moisture Indicator
OE# 61506-3402

O-RINGS



OR11008

GM Capillary Tube

OR11011

#6 Hose Fitting
HNBR (Green)

OR11013

#8 Hose Fitting
HNBR (Green)

OR11015

#10 Hose Fitting
HNBR (Green)

OR11017

#12 Hose Fitting
HNBR (Green)

OR11099

SINGLE JOB O-RING KIT

Kit contains:

QTY.	PART #	DESCRIPTION
1 ea.	OR11008	Capillary Tube
7 ea.	OR11011	#6 O-Ring
6 ea.	OR11013	#8 O-Ring
4 ea.	OR11015	#10 O-Ring
1 ea.	OR11017	#12 O-Ring

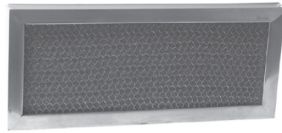
WESTERN STAR

CABIN AIR FILTERS



CAF1414

11-3/4" x 10-1/2" x 3/4"
OE# RD3-8416-0



CAF1415

11-1/2" x 4-7/8" x 3/4"
OE# 60015-3418

EXPANSION VALVES



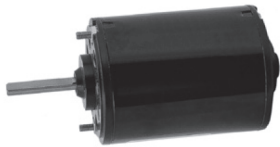
EV01005

Hose Side: #6 and #10
Suction Side: #8 and #8
O-Rings
Rating: 1-1/2 Ton
OE# 60012-4401

EV01030

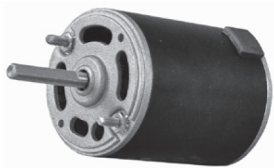
Hose Side: #6 and #10
Suction Side: #8 and #10
O-Rings
Rating: 2 Ton
OE# RD5-7015-0

BLOWER MOTORS & WHEELS



BM02192

12 Volt, 1 Speed, CW
OE# RD3-8663-0



BM02224

12 Volt, 1 Speed, CW
OE# RD3-8657-0



BMP3032

5-3/16" Diameter Steel, CW
OE# 60010-4401

SWITCHES



SWI3312

Trinary Switch
1/4" SAE
OE# RD5-4625-0



SWI3406

Trinary Switch
3/8" - 24" Male
OE# RD5-4585-0



SWI4322

Thermostatic Switch
Preset, 24" Capillary Tube
OE# RD5-4531-24

RELAYS



SWI5716

Relay, 12 Volt
5 Terminal with Diode
40/30 amp
OE# VF4-15F11-S01

RESISTERS



SWI6068

Resistor
3 Speed
3 Terminal
OE# 60032-5001

CONDENSERS



CON1423

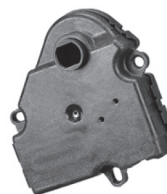
6-1/8" x 36-1/4" x 1-7/8"
OE# 61203-3406



CON1422

18-1/4" x 35-1/2" x 1-3/8"
OE# 61203-3409

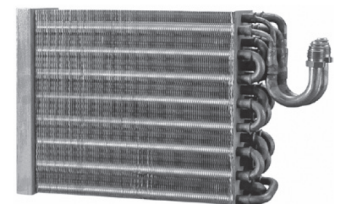
ACTUATORS



HP22517

Heater Valve Actuator
Electric, 4-Pin
OE# RD5-6320-0

EVAPORATORS

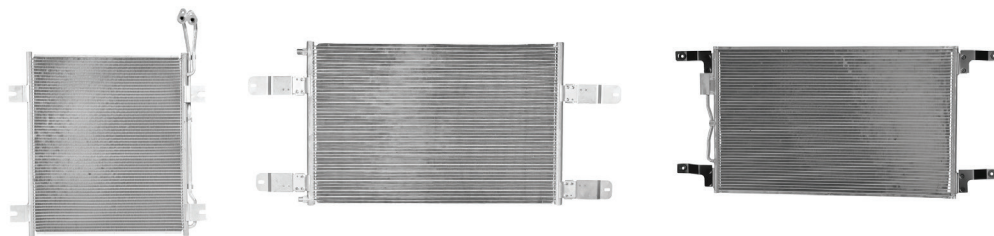


EVA2429

8" x 9" x 2-1/2"
OE# RD2-1272-0

FAST-MOVING CONDENSORS

15 TOP-SELLING CONDENSERS



FREIGHTLINER

PART NUMBER	MODEL	OE NUMBER
CONO423	Classic, Coronado	1E5864, 1E6068
CON0429	Cascadia, Century Class, Columbia	22-62271-000
CON0431	Cascadia	22-62272-000

KENWORTH

PART NUMBER	MODEL	OE NUMBER
CON0819	T400, T600	K122-125
CON0824	T2000	486684-5008

MACK

PART NUMBER	MODEL	OE NUMBER
CON1025	CH, CL, CM	210RD510M

NAVISTAR

PART NUMBER	MODEL	OE NUMBER
CON0640	4000, 7000, 8000	2508698-C92
CON0641	4000, 7000, 8000	2507482-C92
CON0639	4000, 7000, 8000	2505650-C92
CON0646	5000, 9000, Prostar	2591836-C91

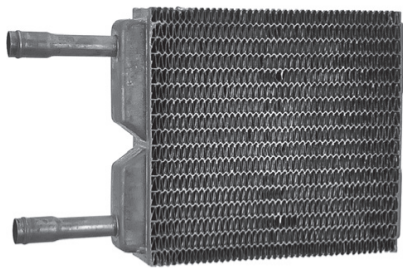
PETERBILT

PART NUMBER	MODEL	OE NUMBER
CON1225	377 through 389, 587	18-04015
CON1232	65, 379, 387, 388, 389	M3659002
CON1233	367, 387, 587	M3609001
CON1227	386, 387	1E5611

VOLVO

PART NUMBER	MODEL	OE NUMBER
CON1426	VHD, VN, VT	8084348, 20461065

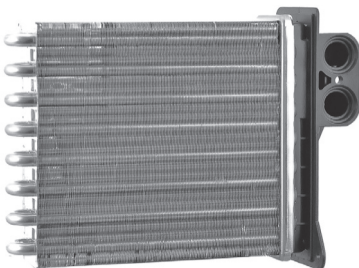
HEATER CORES



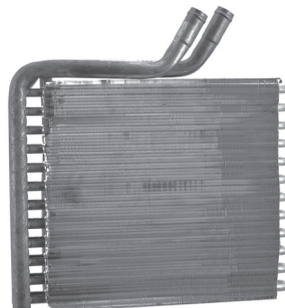
HP11636
7" x 7-3/4" x 2"
In: 3/4" Out: 3/4"
Ford/Sterling L-Series
OE# F1HZ18476B



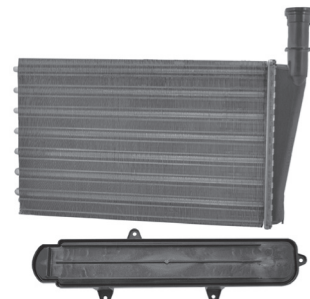
HP11647
7-11/16" x 7-1/8" x 2-1/8"
In: 3/4" Out: 3/4" (Swivel Fittings)
Ford/Sterling L-Series
OE# F7HZ-184776A, F7HH-18476AA



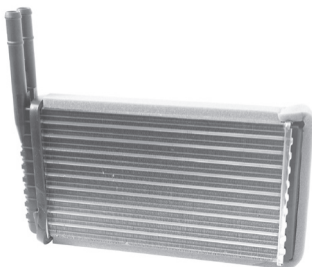
HP11816
6" x 6-3/8" x 1-5/8"
In: 5/8" Out: 5/8"
Freightliner with Behr
Century Class, Columbia, Coronado
OE# BOA93675



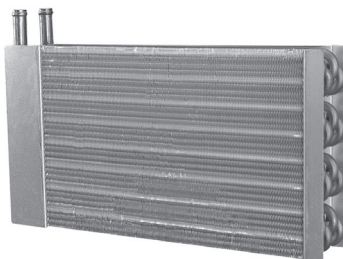
HP11818
8-3/4" x 9-1/2" x 1-1/2"
In: 3/4" Out: 3/4"
Freightliner
Century Class, Columbia, Coronado
OE# HM9104001



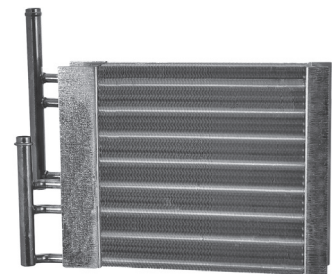
HP11819
11-1/8" x 7-1/8" x 1-5/8"
Pad Connections with Cover
Freightliner
M2 Business Class
OE# VCC31000005



HP12020
12-3/8" x 7-3/8" x 1-1/2"
In: 3/4" Out: 3/4"
Navistar
4000, 7000, 8000 Series,
LoneStar, ProStar
OE# BOA85-471-77-009,
3542604-C2



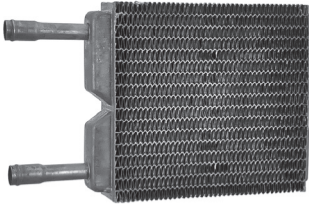
HP12213
8" x 12" x 2-1/2"
In: 5/8" Out: 5/8"
Kenworth with Bergstrom (Main)
C500, T270, T300, T600, T800,
W900
OE# 110640, MC1005



HP12215
7-7/8" x 8" x 2"
In: 5/8" Out: 5/8"
Kenworth with Bergstrom (Sleeper)
C500, T600, T800, W900
OE# 108263

AUXILIARY HEATERS/ DASH FANS

HEATER CORES



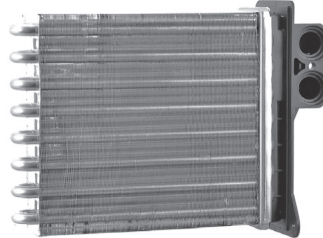
HP11636

7" x 7-3/4" x 2"
In: 3/4" Out: 3/4"
Ford/Sterling L-Series
OE# F1HZ18476B



HP11647

7-11/16" x 7-1/8" x 2-1/8"
In: 3/4" Out: 3/4" (Swivel Fittings)
Ford/Sterling L-Series
OE# F7HZ-184776A,
F7HH-18476AA



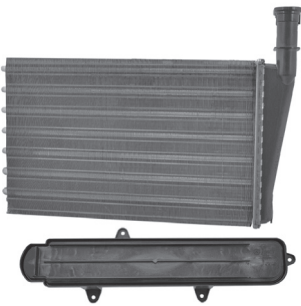
HP11816

6" x 6-3/8" x 1-5/8"
In: 5/8" Out: 5/8"
Freightliner with Behr
Century Class, Columbia, Coronado
OE# BOA93675



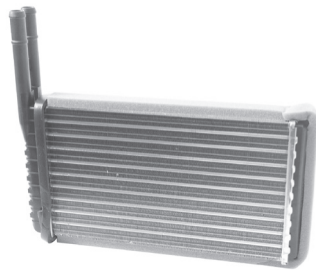
HP11818

8-3/4" x 9-1/2" x 1-1/2"
In: 3/4" Out: 3/4"
Freightliner
Century Class, Columbia, Coronado
OE# HM9104001



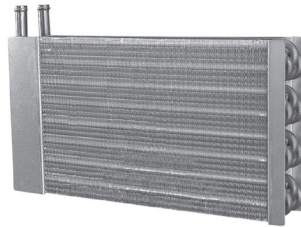
HP11819

11-1/8" x 7-1/8" x 1-5/8"
Pad Connections with Cover
Freightliner
M2 Business Class
OE# VCC31000005



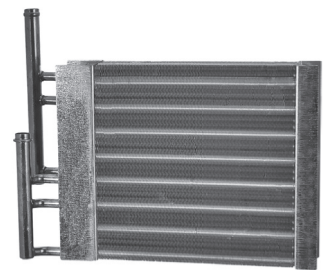
HP12020

12-3/8" x 7-3/8" x 1-1/2"
In: 3/4" Out: 3/4"
Navistar
4000, 7000, 8000 Series,
LoneStar, ProStar
OE# BOA85-471-77-009,
3542604-C2



HP12213

8" x 12" x 2-1/2"
In: 5/8" Out: 5/8"
Kenworth with Bergstrom (Main)
C500, T270, T300, T600,
T800, W900
OE# 110640, MC1005



HP12215

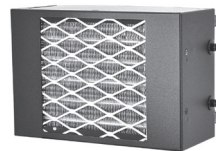
7-7/8" x 8" x 2"
In: 5/8" Out: 5/8"
Kenworth with Bergstrom (Sleeper)
C500, T600, T800, W900
OE# 108263

DASH FANS



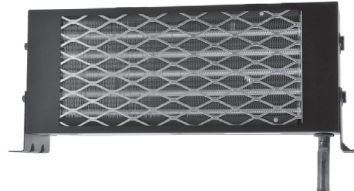
DF41004

12 Volt
6-1/2" Blade Diameter
2 Speed
Chrome, Round Base



ACU5800

12 Volt, Rear Exit
ACU5801 24 Volt, Rear Exit
Single Fan: 5/8" Fittings
Compact Size
Simple Plumbing
High Output



ACU5805

12 Volt, Rear Exit
ACU5808 12 Volt, Floor Exit
Double Fan: 5/8" Fittings
Compact Size
Simple Plumbing
High Output

HEATER VALVES AND ACTUATORS

ACTUATORS

HP22540

Motor Mode Control
4000/8000 Series
- 2 Terminal
Label ID L6402515A
Navistar
OE# 2611234C1,
3542606C1



HP22545

Motor Mode Control
4000/8000 Series - 2-Pin
Label ID A32062951B,
A33081901B
Navistar
OE# 3542575C1



HP22516

Electric Heater Valve
Actuator
Label ID 52402589
C-Label (Red), 4-Pin
Peterbilt
OE# P93CAB0201-01S



HP22702

Electronic Heater
Valve
Volvo
OE#
1000192487BSM,
869948BSM



HP22720

Actuator
Electric Heater Valve Assembly
5/8" x 5/8" Hose, 5-Pin
PACCAR
OE# 2499082, 1000192487BSM



HP22722

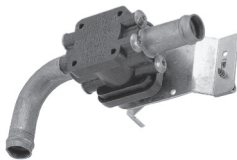
Actuator
Electric Heater Valve Assembly
5/8" Hose End, 4-Pin
PACCAR
OE# MA1685, 686505BSM



HEATER VALVES - CABLE OPERATED

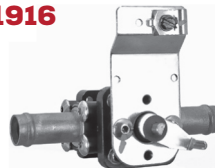
HP21920

90° Elbow; Cable Control
5/8" to 5/8"
Pull to Close
OE# 865850



1000-HP21916

Heater Valve
5/8" to 5/8"
Pull to Close
OE# 866730



HP21315

Heater Valve
5/8" x 5/8"
Pull to Open
Kenworth T300
OE# MA1680



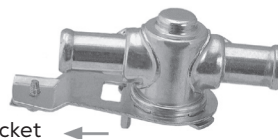
HP21304

Heater Valve
5/8" x 5/8"
Pull to Open
Kenworth
C500, T Series, W900
OE# MA1690, 870081



HP22304

UNIVERSAL
5/8" x 5/8"
Pull to Open
Flow: Toward the Bracket



GATE TYPE - MANUAL SHUT-OFF

HP22626

5/8" to 3/8" NPT Male

HP22628

3/4" to 1/2" NPT Male



HP22701

5/8" Hose to 5/8" Hose

HP22627

3/8" to 3/8" NPT Male

HP22630

5/8" to 1/2" NPT Male

HP22704

3/4" Hose to 3/4" Hose



BLOWER MOTORS AND WHEELS

FREIGHTLINER



BM63300

12 Volt, 1 Speed, CW
OE# BOA85-440-50-009



BM63306

12 Volt, 1 Speed, CW
OE# BOA94350,
BOAD8587



BM63307

12 Volt
OE# VCC35000003



BM68305

Double Shaft
12 Volt, 1 Speed, CW
OE# BOA80-414-00-189

KENWORTH



BM02178

Single Shaft
OE# HA1530,
203115



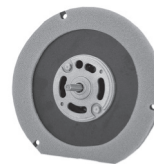
BM11136

Double Shaft, 12 Volt,
1 Speed, REV
OE# 203080BSM



BM65301

12 Volt, 1 Speed, CW
OE# 203142BSM



BM67300

12 Volt, 1 Speed, CW
OE# 5X012163



BMP3339

Dual Rotation
4-1/2" Diameter
(Plastic)
OE# 589540BSM

MACK



BM02204

12 Volt, 1 Speed, CW
OE# 4379-RD5-6526



BM02528

12 Volt, 1 Speed, REV
OE# 2790-275160



BM66301

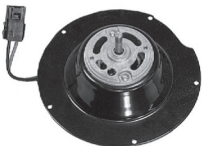
12 Volt, 1 Speed, CW
2 Wires
OE# 7787-869445



BMP3032

Wheel, CW
5-3/16" Diameter (Steel)
OE# 4379-RD5-8705-0

NAVISTAR



BM64303

12 Volt, 1 Speed, CCW
OE# 1699949-C1



BM64305

12 Volt, 1 Speed, CW
OE# 1699291-C1



BM64306

12 Volt, 1 Speed, CW
OE# 3542611-C2



BM64308

12 Volt, 1 Speed, CW
OE# 3674285-C1

BLOWER MOTORS AND WHEELS

PETERBILT



BM02224
12 Volt, CW
OE# 203239BSM



BM67300
12 Volt, CW
OE# 5X012163, 3X010983



BMP3339
Wheel with Dual Rotation
4-1/2" Diameter (Plastic)
OE# 589540BSM

STERLING



BM62305
12 Volt, CCW
OE# F4HZ-19805AA



BM62307
12 Volt, CW
OE# XC4H-19805AA



BMP3044
Wheel, CW
5-3/4" Diameter
OE# FOTZ-18504A

VOLVO



BM63304
12 Volt, 1 Speed, CW
OE# 3949886



BM63306
12 Volt, 1 Speed, CW
OE# BOA94350



BM68305
Double Shaft
12 Volt, 1 Speed, CCW
OE# BOA80-414-00-189

WESTERN STAR



BM02192
12 Volt, 1 Speed, CW
OE# RD3-8663-0



BM02224
12 Volt, 1 Speed, CW
OE# RD3-8657-0



BMP3032
5-3/16" Diameter Steel, CW
OE# 60010-4401

COMPRESSOR INFORMATION

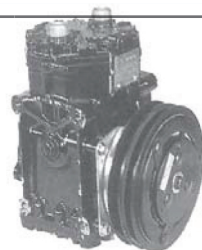
BASIC COMPRESSOR TYPES

There are many different makes of compressors used in the marketplace. Regardless of their manufacturer and design, all compressors operate as a pump to keep the refrigerant circulating and to increase the refrigerant's pressure. The two basic types of compressors are the reciprocating, upright type such as the T/CCI style, and the rotary type such as a Sanden, Seltec, Denso or GM. The different types of compressors and manufacturers are listed below.

1. SANDEN



2. T/CCI STYLE – UPRIGHT TYPE



3. SELTEC/VALEO (ICE - TAMA - ZEXEL)



4. DENSO – FORD/(NIPPONDENSO)



5. GM – DELPHI/HARRISON/FRIGIDAIRE



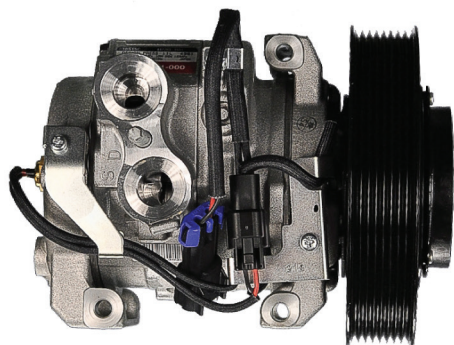
The two most popular types of compressors in the heavy-duty aftermarket are the T/CCI style and Sanden. Both compressors have been produced for many years for OE truck manufacturers. The upright style was the compressor of choice for OEs from 1992 through 2002. Since 2002, Sanden has controlled the compressor market at the OE manufacturer level by designing proprietary rear heads. These types of compressors are unique to the heavy-duty market and are supplied by Road Choice.

FREIGHTLINER DENSO™ AND SANDEN COMPRESSORS

FREIGHTLINER

Cascadia, Columbia, Coronado, 108SD, 114SD

Later models with OEM #22-65771-000 DENSO compressor can be replaced with Road Choice® aftermarket version ACC1275.

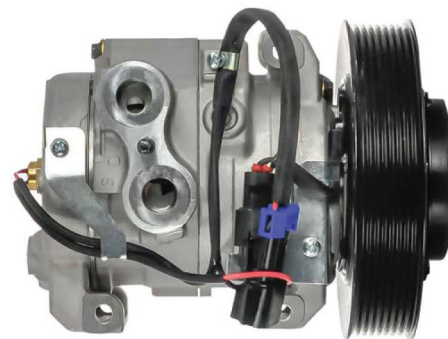


ACC1274
O.E.M.

DENSO 10S15C

12 Volt, 8 Groove
163.5mm Diameter
OE# 22-65771-000

Direct Replacement



ACC1275
Aftermarket

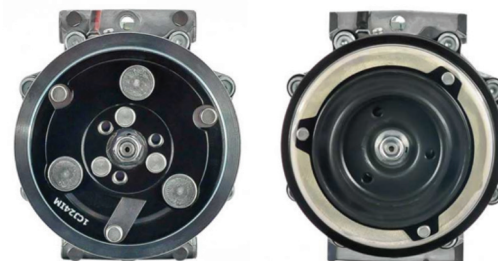
COMPETITIVE PRICE

ONE-YEAR WARRANTY

Road Choice ACC1275 meets or exceeds OEM specifications

NEW SANDEN SUPER HEAVY-DUTY COMPRESSORS (SHD) FEATURES

- New heavy-duty design for greater durability and longer service life – twice as long as standard models
- Original equipment on later model, Class 8 vehicles
- Doubles the number of life clutch cycles (1 million)
- Rubber clutch armature replaces and eliminates leaf spring armature
- New Heavy Duty Extra Pure (EP) steel bearing in clutch rotor
- Increased internal oil flow passages to increase oil flow to lip seal
- Improved over-molded lip seal
- Thermal fuse added to coil for disengagement of clutch pulley



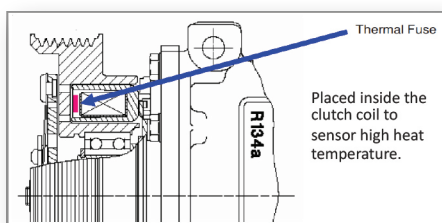
STANDARD

NEW SHD

THERMAL FUSE DESIGN

A thermal fuse in the clutch coil prevents the clutch from locking up and throwing the accessory drive belt.

As the fuse senses extreme heat from clutch slippage, the thermal fuse breaks open. The open fuse prevents the electrical current from flowing to the clutch coil. This function disengages the clutch armature from the clutch pulley and allows the clutch pulley to spin freely, acting as an idler pulley.



The thermal fuse can't be reset or replaced after it breaks open. The compressor must be replaced, and normal maintenance to the system must be performed.



SANDEN COMPRESSORS

SANDEN SHD AND STD COMPRESSORS – VOLVO APPLICATIONS

This field service bulletin concerns VN and VT model trucks built before June 6, 2009 with a Cummins engine and trucks built with Volvo engines prior to the enactment of U.S. emissions standards for model year 2007 and newer heavy-duty truck engines.

For vehicles with **Cummins engine**, a new air conditioning compressor part number ACC3403 has been released that supersedes the original compressors for these trucks. The compressor wiring polarity is different from the original compressor and requires a jumper harness, part number SWI7062, to match the polarity of the compressor to the truck wiring harness. Part number ACC3404 has been developed and includes the compressor and harness assembly.

For vehicles with **Volvo engine**, a new air conditioning compressor, part number ACC3411, has been released to supersede the original compressors. The new air conditioning compressor wiring is different from the original compressor. When installing the compressor, the installer must check and verify the cavities of the two-way connector on the engine harness. The compressor connector must be installed to have the positive wire on the B side of the terminal and the negative wire on A side of the terminal. If this is not the case, the jumper harness part number SWI7062 is required. This can be verified with a voltmeter. Part number ACC3412 has been developed which includes the compressor and harness assembly.

- ACC3404 for Cummins engines includes ACC3403 and the harness part number SWI7062
- ACC3412 for Volvo engines includes ACC3411 and the harness part number SWI7062

CROSS-REFERENCE AND UPGRADE CHART

VOLVO TRUCKS BUILT AFTER 6/12/2009

VOLVO	ROAD CHOICE	ROAD CHOICE	BELT GROOVES	ENGINE	SANDEN
21349573	ACC3403 SHD Compressor Only	ACC3404 SHD Compressor and Harness	6 Groove	Cummings	4285
21349570	ACC3411 SHD Compressor Only	ACC3412 SHD Compressor and Harness	8 Groove	Volvo	4286

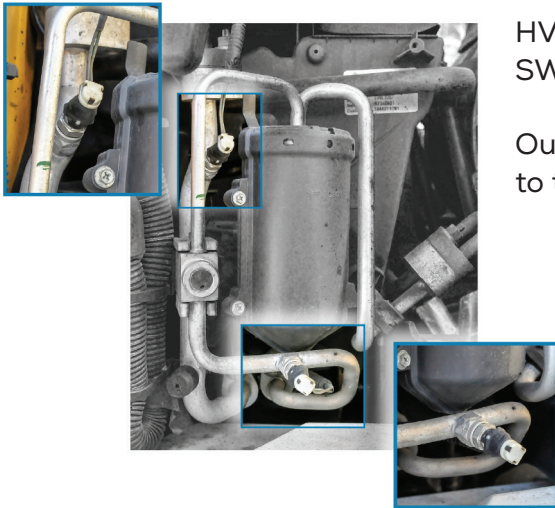
VOLVO TRUCKS BUILT BEFORE 6/12/2009

VOLVO	ROAD CHOICE	ROAD CHOICE	BELT GROOVES	ENGINE	SANDEN
20501069	ACC3402 Original STD Compressor	ACC3404 for SHD Upgrade	6 Groove	Cummings	4494, 4891, 4715
20501067	ACC3410 Original STD Compressor	ACC3412 for SHD Upgrade	8 Groove	Volvo	4892, 4493

NAVISTAR THERMISTORS

NAVISTAR

2001 and newer 4000, 7000, 8000 Series, ProStar



HVAC thermistor kit #2606229-C92 can be replaced with SWI3805 for quicker installation and less hassle.

Our kit contains “First Fit OE products” for longer life solutions to today’s A/C problems.



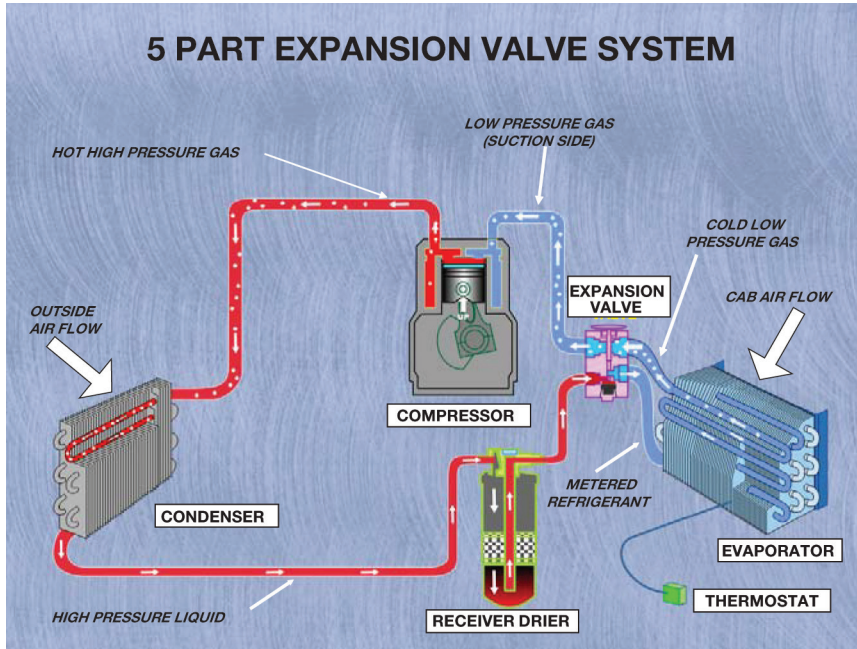
SWI3805

Thermistor kit contains:

- 2 freon thermistor sensors
- 2 pre-assembled wiring harnesses
- Heat-shrink tubing

TECHNICAL OVERVIEW

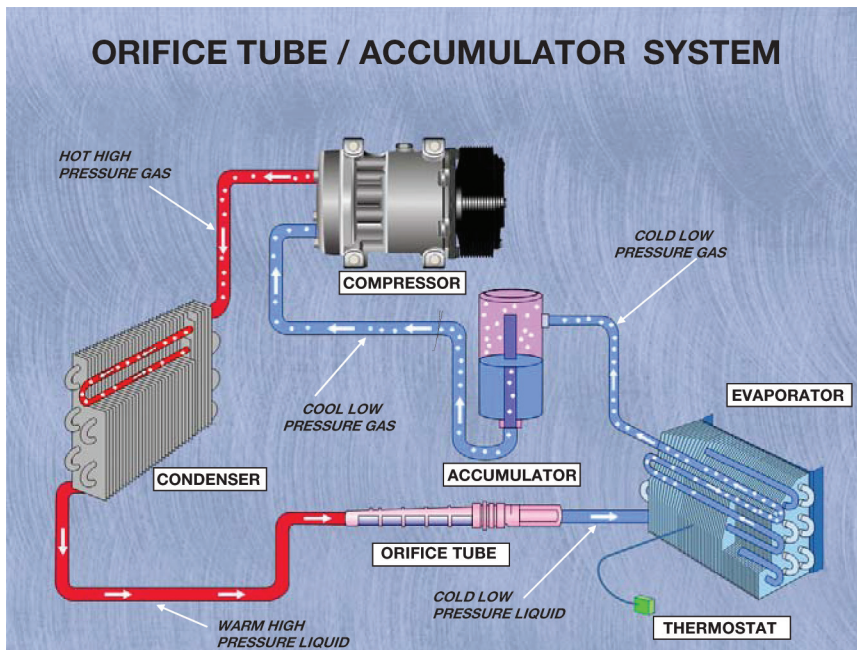
SYSTEM IDENTIFICATION



EXPANSION VALVE RECEIVER DRIER SYSTEM

Components:

- Compressor
- Condenser
- Evaporator
- Expansion valve
- Receiver Drier



ORIFICE TUBE ACCUMULATOR SYSTEM

Components:

- Accumulator
- Compressor
- Condenser
- Evaporator
- Orifice tube

TECHNICAL OVERVIEW

SYSTEM THEORY AND OPERATION

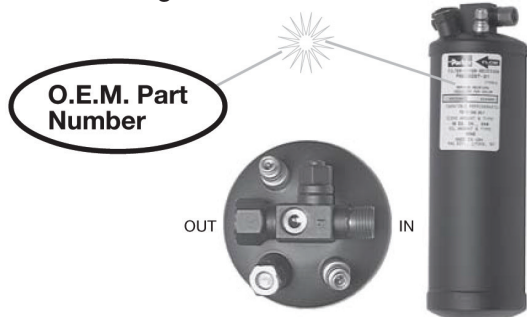
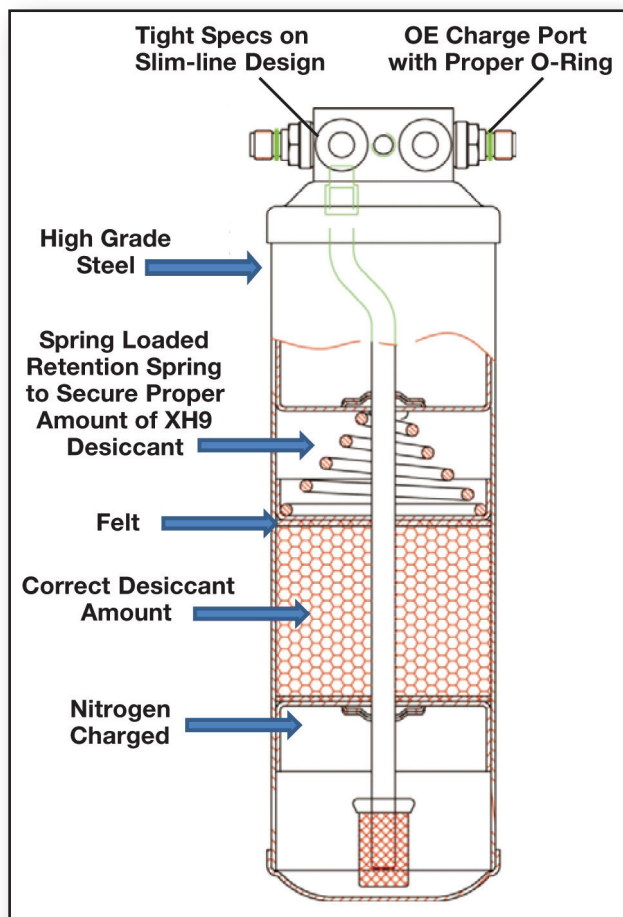
- 1. COMPRESSOR** – The compressor operates as the “pump” of the system to keep the refrigerant circulating and to increase the refrigerant’s pressure. All compressors have two sides: suction and discharge. The refrigerant is drawn into the compressor’s suction side as a cold, low-pressure vapor and is compressed, which raises the refrigerant pressure and temperature. The high pressure-high temperature vapor refrigerant is then pumped out the compressor discharge side to the condenser.
- 2. CONDENSER** – The condenser consists of a refrigerant coil mounted in a series of thin cooling fins. The high-pressure vapor refrigerant enters at the top of the condenser and flows through its coils. The outside airflow across the condenser fins causes the heat to be transferred to the cooler outside air. As the heat is transferred, the refrigerant changes to a warm, high-pressure liquid. The high-pressure liquid refrigerant flows from the condenser through the liquid line and on to the receiver drier.
- 3. RECEIVER DRIER** – The receiver drier (sometimes referred to as a filter drier) receives the refrigerant from the condenser and performs three functions. First, the receiver drier acts as a storage tank and holds the liquid refrigerant until it is required by the evaporator. Second, the receiver drier acts as a filter trapping any solid material that could cause restrictions and freeze up the system. Third, the receiver drier absorbs moisture and dries the refrigerant by using XH-7 desiccant.
- 4. ACCUMULATOR** – In an orifice tube/accumulator system, the accumulator replaces the receiver drier. It is mounted on the low side of the system and basically functions the same as a receiver drier. It traps liquid refrigerant, which could be harmful to the compressor, and allows only refrigerant vapor to continue. The accumulator also removes moisture from the refrigerant.
- 5. EXPANSION VALVE** – The expansion valve receives the liquid refrigerant from the receiver drier and controls the flow of refrigerant into the evaporator. A thermostatically controlled sensor within the expansion valve body controls the open and closed position of a small orifice, which the refrigerant passes through. As the refrigerant passes through the small orifice, the warm, high-pressure liquid refrigerant changes to a cold, low-pressure atomized liquid. The opening and closing of the expansion valve orifice is controlled by the thermostatic sensor, which senses the heat load of the evaporator.
- 6. ORIFICE TUBE** – In an orifice tube/accumulator system, the orifice tube replaces the expansion valve. The orifice tube creates the necessary pressure drop by metering a steady flow of refrigerant into the evaporator while the compressor is operating.
- 7. EVAPORATOR** – The evaporator receives the refrigerant from the expansion valve/orifice tube as a low pressure, cold atomized liquid. As this cold refrigerant passes through the evaporator coils, heat moves from the warm air inside the passenger compartment into the cooler refrigerant. When the liquid refrigerant receives enough heat, a change of state occurs. The refrigerant changes from a cold, low-pressure atomized liquid into a low-pressure vapor.
- 8. SUCTION LINE** – As the refrigerant leaves the evaporator, it passes through the upper portion of the block-type expansion valve where a temperature reading is taken by a thermostatic sensor. The opening and closing of the bottom of the valve is controlled thermostatically by how cold the refrigerant is as it passes through the top of the valve. The refrigerant then returns to the compressor suction side as a cool, low-pressure vapor, and the cycle starts over again.

RECEIVER DRIERS

RECEIVER DRIERS

Receiver driers, accumulators and In-Line filters are canisters used to filter debris and remove moisture to protect the A/C system. Various inlet and outlet fitting types and sizes are used. Many also have system protection devices, moisture indicators, charge ports, sight glass, fuse plugs, high-pressure relief valves and mounting brackets, depending on the requirements from the original equipment manufacturer.

Receiver driers are usually located on the high side of the A/C system before the expansion valve. The receiver drier "receives" liquid refrigerant from the condenser, stores it, filters out contaminants from the a/c system, and removes moisture. A/C systems using a receiver drier use an expansion valve to control the refrigerant flow.



RD11205

Diameter: 3"
Length: 10"
Slimline Connect
(2) M10 Switch Ports
Pressure Relief Plug
OE# ABPN83-319744

RD12095

Diameter: 3"
Length: 9"
In/Out: 3/8" x 3/8"
Male O-Ring
Top Sight Glass, PRV
Top Schrader Valve
Moisture Indicator

RD12145

Diameter: 3"
Length: 10"
3/8" x 3/8" Male O-Ring
Top Sight Glass, PRV
Moisture Indicator
Metric (M10)
Schrader Valve

RD12225

Diameter: 3"
Length: 10"
In: 3/8" Male O-Ring
Out: 3/8" Female O-Ring
Top Sight Glass
2 Schrader Valves (M10)

RD12325

Diameter: 3"
Length: 10"
In: 3/8" Female O-Ring
Out: 3/8" Male O-Ring
Moisture Indicator
Side Sight Glass

RD12415

Diameter: 3"
Length: 10"
In: 11/16" Female O-Ring
Out: 3/8" Female O-Ring
Top Sight Glass; PRV
16mm Service Port;
R134a Only



ROAD CHOICE®
TRUCK PARTS

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RCOAC-18CAT