

Basic Information

The HEATER CORE is usually located inside the cab under the dash. It is connected to the engines heater hoses. As hot engine coolant flows through its coils or tubes, the blower fan blows or circulates air through it sending warm air inside the cab.

The HEATER (or WATER) VALVE is used to control the flow of hot coolant to the heater core. They can be positioned opened and closed electronically, by cable, vacuum, or manually depending on the type of valve used.

The ACTUATOR is a small computerized motor used to open and close heater valves and dampner doors, in order to control precise temperature and air flow. A sensor inside the actuator monitors the position of the component it functions and sends information to the command module.



HEATERS, CORES, FITTINGS & VALVES (10-)

HEATERS (AUXILIARY).....466

HEATERS ELECTRIC DC469

HEATER CORES

Illustrated472

Specifications470

HEATER FITTINGS483

HEATER VALVES and ACTUATORS478

AUXILIARY HEATERS

Complete Assemblies665-675

RELATED ITEMS

Control Cables (18-) 585

Heater Hose (09-)..... 444

Knobs (18-)..... 610

Louvers, Vents, Diffusers (18-)..... 611

AUXILIARY HEATERS – Quick Find Chart (Sorted by BTU's)

HEATER #	BTU's	VOLT	FAN	CFM	DIMENSIONS	HEATER #	BTU's	VOLT	FAN	CFM	DIMENSIONS
10-4010	10,000	12v	2 sp	180	6-3/16 H x 11-3/4 W x 8 D	10-4024	14,000	24v	var.	210	10-1/2 H x 7-3/4 W x 5 D
10-4015	12,500	12v	2 sp	150	7 H x 8 W x 3-3/4 D	10-4014	21,715	24v	2 sp	210	9-3/4 H x 11-3/4 W x 5-1/2 D
10-4016	12,500	24v	2 sp	150	7 H x 8 W x 3-3/4 D	10-4001	25,000	12v	2 sp	250	8-1/4 H x 8-1/4 W x 8-1/4 D
10-4000	13,000	12v	2 sp	150	7-1/4 H x 7-1/4 W x 7-1/4 D	10-4002	25,000	24v	2 sp	250	8-1/4 H x 8-1/4 W x 8-1/4 D
10-4017	13,200	12v	2 sp	200	9-7/8 H x 7-3/8 W x 7-1/4 D	10-4007	29,380	12v	2 sp	244	8-1/4 H x 8-1/8 W x 9 D
10-4018	13,200	24v	2 sp	200	9-7/8 H x 7-3/8 W x 7-1/4 D	10-4011	33,000	12v	3 dbl	275	5-1/4 H x 16 W x 8 D
10-4019	13,800	12v	2 sp	205	10 H x 7-3/4 W x 4-3/4 D	10-4013	33,000	12v	2 sp	350	10 H x 16 W x 5-1/4 D
10-4020	13,800	24v	2 sp	205	10 H x 7-3/4 W x 4-3/4 D	10-4012	34,054	12v	2 sp	265	9-3/16 H x 9-3/16 W x 9-1/2 D
10-4021	14,000	12v	var.	210	10-1/2 H x 7-3/4 W x 4-5/16 D	10-4009	39,174	12v	2 sp	375	9-3/4 H x 14-3/4 W x 9-1/2 D
10-4022	14,000	24v	var.	210	10-1/2 H x 7-3/4 W x 4-5/16 D	10-4003A	70,000	12v	2 dbl	830	9.34 H x W x 7.4 D
10-4023	14,000	12v	var.	210	10-1/2 H x 7-3/4 W x 5 D						

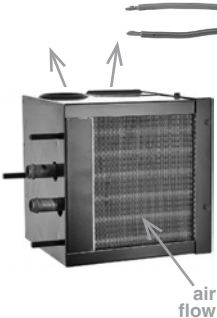
10-4000
CAB HEATER

Height	Width	Depth
7-1/4" x	7-1/4" x	7-1/4"

BTU/HR	.....13,000	CFM	.....150
Amp Draw High	.....5	Volt	.....12
Speed	.....2	Weight	.....10 lbs

OPTIONS

Defroster Kit Single	.....10-4700
Defroster Kit Dual	.....10-4701



This compact heater is very popular in small cab applications. Hose collars can be added when window defrosting is required. Stud mounts make this unit good for inside firewall mounting.


10-4007
CAB HEATER

Height	Width	Depth
8-1/4" x	8-1/8" x	9"

BTU/HR	.....29,380	CFM	.....244
Amp Draw High	...10	Volt	.....12
Speed	.....2	Weight	.....13 lbs

OPTIONS

Defroster Kit Single	.....10-4700
Defroster Kit Dual	.....10-4701



This rugged unit provides excellent heating for the small bus, truck body and R.V. industries.

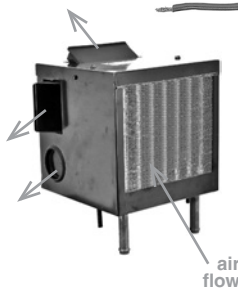
10-4001 (12v)
10-4002 (24v)
CAB HEATER

Height	Width	Depth
8-1/4" x	8-1/4" x	8-1/4"

BTU/HR	.....25,000	CFM	.....250
Amp Draw High	.....5	Volt	.....12
Amp Draw High	..2.5	Volt	.....24
Speed	.....2	Weight	.....12 lbs

OPTIONS

Defroster Kit Single	.....10-4700
Defroster Kit Dual	.....10-4701



This heater is popular in small cab applications when a higher output heater is called for. Hose collars can be added when window defrosting is required. Stud mounts make this unit good for inside firewall mounting.

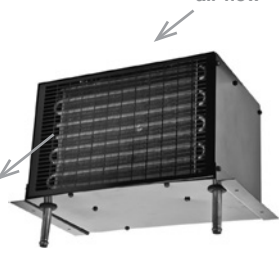
10-4009
UNDER SEATHEATER

Height	Width	Depth
9-3/4" x	14-3/4" x	9-1/2"

BTU/HR	.....39,174	CFM	.....375
Amp Draw High	...10	Volt	.....12
Speed	.....2	Weight	.....20 lbs

OPTIONS

Defroster Kit Single	.....10-4700
Defroster Kit Dual	.....10-4701




This durable auxiliary heater provides a full 40,000 BTU heating ideal for buses, larger van bodies and heavy equipment.

10-4003A
SEAT / WALL HEATER

Height	Width	Depth
9.34" x	- x	7.4"

BTU/HR	.....70,000	CFM	.....830
Amp Draw High	...15	Volt	.....12
Speed	.....3	Weight-




Dual Electric Fan, Floor Exit - unit mounts between seat and wall.

10-4010
STEPWELL HEATER with Faceplate

Height	Width	Depth
6-3/16" x	11-3/4" x	8"

BTU/HR	.....10,000	CFM	.....180
Amp Draw High	.....5	Volt	.....12
Speed	.....2	Weight	.....10 lbs

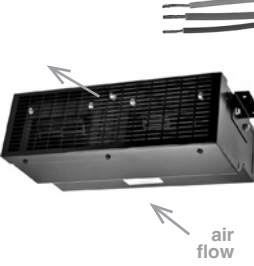


This versatile, compact unit delivers heat in a variety of applications from bus stepwell to off highway space heating. Built of heavy gage pre-coated steel and powder coat finished to hold up to the elements. Mounting provisions on both sides assure maximum installation flexibility.

AUXILIARY HEATERS (continued)

10-4011
UNDER SEAT HEATER

Height	Width	Depth
5-1/4" x	16" x	8"
BTU/HR .....33,000	CFM.....275	
Amp Draw High ...14	Volt .....12	
Speed (double).....3	Weight 12 lbs	

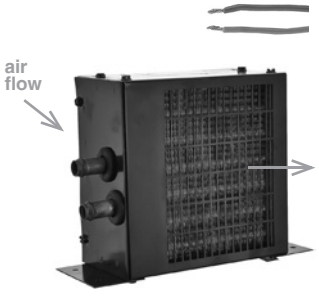


OPTIONS
 Switch Plate Harness Kit 11-3501
 Toggle Switch 11-3406

A heavy duty twin blower auxiliary heater designed for use in ambulances, rescue vehicles and heavy equipment.

10-4015 (12v)
10-4016 (24v)
UNDER SEAT HEATER

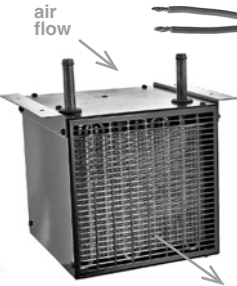
Height	Width	Depth
7" x	7" x	3-3/4"
BTU/HR .....12,500	CFM .....150	
Amp Draw High -	Volt .....12	
Speed .....2	Weight -	



Fully rotational in 90° increments by switching core tube locations. Includes 3 position switch, mounting nuts, wiring diagram and installation instructions.

10-4012
UNDER SEAT HEATER

Height	Width	Depth
9-3/16" x	9-3/16" x	9-1/2"
BTU/HR.....34,054	CFM.....265	
Amp Draw High.10	Volt .....12	
Speed.....2	Weight 15 lbs	




OPTIONS
 Defroster Kit Single..... 10-4700
 Defroster Kit Dual 10-4701

A high output auxiliary heater for use as a rear van body heater and a bus underseat heater.

10-4017 (12v)
10-4018 (24v)
UNIVERSAL FLOOR MOUNT

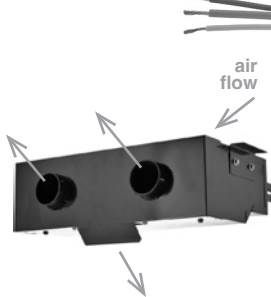
Height	Width	Depth
9-7/8" x	7-3/8" x	7-1/4"
BTU/HR .....13,200	CFM.....200	
Amps.....6.0	Volt .....12	
Amps.....3.0	Volt .....24	
Speed .....2	Switch .....Rocker (built in)	



Tube & Fin, 5/8" Fittings, Adjustable Airflow Louvers, Heater Housing is plastic/nylon. Mounting Hardware included.

10-4013
HEATER / DEFROSTER

Height	Width	Depth
5-1/4" x	16" x	10"
BTU/HR .....33,000	CFM.....350	
Amp Draw High ...14	Volt .....12	
Speed .....3	Weight 14 lbs	




OPTIONS
 Defroster Kit Dual 10-4714

Used in small cabs, this rugged unit provides a door for heat and two 2-1/2 inch collars for either defogging or remote heat runs.

10-4019 (12v)
10-4020 (24v)
SIDE MOUNT HEATER


Height	Width	Depth	Mntg Brkt
10" x	7-3/4" x	2-7/16"	4-3/4"
BTU/HR .....13,800	CFM.....205		
Amps.....2.7	Volt .....12		
Amps.....1.3	Volt .....24		
Speed .....2			



Tube & Fin, 5/8" Fittings, 2 speed Rocker Switch required. Inline Shut off Valve for temperature control. Heater Hose Kit not included.

10-4014
CAB HEATER


Length	Width	Height
9-3/4" x	11-3/4" x	5-1/2"
BTU/HR .....21,715	CFM.....210	
Amp Draw High -	Volt .....24	
Speed .....2	Weight -	



Floor or Wall Mount Heater - Air enters through the top and exhaust out of each side. Includes 3 position switch, mounting nuts, wiring diagram and installation instructions.

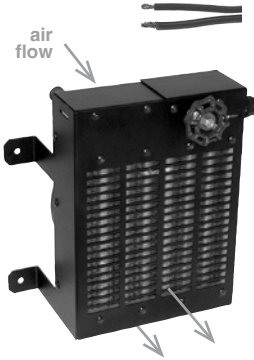

10-4021 (12v)
10-4022 (24v)
FLOOR MOUNT HEATER

Height	Width	Depth
10-1/2" x	7-3/4" x	4-5/16"
BTU/HR .....14,000	CFM.....210	
Amps.....2.7	Volt .....12	
Amps.....1.3	Volt .....24	
Speed .....variable	Switch .....Rheostat (built in)	




Tube & Fin, 5/8" Fittings, Inline Shut off Valve for temperature control.

AUXILIARY HEATERS (continued)

<p>10-4023 (12v) 10-4024 (24v)</p> <p>UNIVERSAL WALL MOUNT</p> <table border="1"> <thead> <tr> <th>Height</th> <th>Width</th> <th>Depth</th> <th>Mntg Brkt</th> </tr> </thead> <tbody> <tr> <td>10-1/2" x</td> <td>7-3/4" x</td> <td>2-5/8" x</td> <td>5.0"</td> </tr> <tr> <td>BTU/HR</td> <td>14,000</td> <td>CFM.....</td> <td>210</td> </tr> <tr> <td>Amps.....</td> <td>2.7</td> <td>Volt</td> <td>12</td> </tr> <tr> <td>Amps.....</td> <td>1.3</td> <td>Volt</td> <td>24</td> </tr> <tr> <td>Speed</td> <td colspan="3">variable</td> </tr> <tr> <td>Switch</td> <td colspan="3">Rheostat (built in)</td> </tr> </tbody> </table>  <p>Tube & Fin, 5/8" Fittings. Inline Shut off Valve for temperature control. Heater Hose Kit not included.</p>	Height	Width	Depth	Mntg Brkt	10-1/2" x	7-3/4" x	2-5/8" x	5.0"	BTU/HR	14,000	CFM.....	210	Amps.....	2.7	Volt	12	Amps.....	1.3	Volt	24	Speed	variable			Switch	Rheostat (built in)			 <p>50-0525 Auxiliary Heater Tie-In Kit</p>
Height	Width	Depth	Mntg Brkt																										
10-1/2" x	7-3/4" x	2-5/8" x	5.0"																										
BTU/HR	14,000	CFM.....	210																										
Amps.....	2.7	Volt	12																										
Amps.....	1.3	Volt	24																										
Speed	variable																												
Switch	Rheostat (built in)																												

For additional Auxiliary Heaters & Defroster Kits, see A/C & Heating Units Section, pages 663-669.

DEFROSTER KITS

 <p>10-4700 DEFROSTER KIT</p> <p>Single defroster kit for heaters: 10-4000, 4001, 4002, 4007, 4009, 1014 heaters</p> <p>Kit contains:</p> <ul style="list-style-type: none"> Defroster Hose, 1 qty. 2-1/2" diameter hose, 9 ft. length.....09-4250 Hose Louver Box, 1 qty. 2-1/2" Louver Box, Duct Hose Collar with 2-3/4" square back .....18-3104 Duct Hose Louver, 1 qty. 2" Duct Hose Adapter, fits 2-1/2" opening .....18-3012 Clamps, 4 qty. 	 <p>10-4701 DEFROSTER KIT</p> <p>Dual defroster kit for heaters: 10-4000, 4001, 4002, 4007, 4009, 1014 heaters</p> <p>Kit contains:</p> <ul style="list-style-type: none"> Defroster Hose, 2 qty. 2-1/2" diameter hose, 9 ft. length.....09-4250 Hose Louver Box, 1 qty. 2-1/2" Louver Box, Duct Hose Collar with 2-3/4" square back .....18-3104 Duct Hose Louver, 2 qty. 2" Duct Hose Adapter, fits 2-1/2" opening .....18-3012 Y-Splicer, 1 qty. fits 2-1/2" duct hose .....09-4410 Clamps, 10 qty.
 <p>10-4714 DEFROSTER KIT</p> <p>Dual defroster kit for heaters: 10-4013 heaters</p> <p>Kit contains:</p> <ul style="list-style-type: none"> Defroster Hose, 2 qty. 2-1/2" diameter hose, 9 ft. length.....09-4250 Duct Hose Louver, 2 qty. 2" Duct Hose Adapter, fits 2-1/2" opening .....18-3012 Clamps, 4 qty. 	

ELECTRIC DC HEATERS

**Brushless 50,000hr. Fan
Infra-Red Quartz Recirculating
Forced Air (Cab) Heaters**

- Automotive
- Off-Road Equipment
- Industrial
- Golf Cars
- Marine
- S.T.C. Aircraft*

- INSTANT HEAT
- U.S.A. MANUFACTURED
- SAFE
- EFFICIENT
- DEPENDABLE
- F.A.A. APPROVED
- ALUMINUM CASE
- ODORLESS
- 10,000 hr. ELEMENT (thermally protected)



*Special Order Only on Certified Aircraft

NOTE: As a general rule, alternator must have at least 15 more amps than the heater.
(ex. #10-4054A requires a minimum 45 amp alternator.)

AUTOMOTIVE, OFF-ROAD, INDUSTRIAL, GOLF, MARINE & S.T.C. AIRCRAFT (12v-24v)

PART #	DESCRIPTION	VOLTS ¹	DIMENSIONS	AMPS*	WATTS	BTU'S
10-4050A	DC Electric Htr.....	12	4" H x 5" W x 6" D	30	360	6012
10-4053A	DC Electric Htr.....	12	4" H x 5" W x 6" D	40	480	8016
10-4055A	DC Electric Htr.....	12	4" H x 5" W x 6" D	50	600	10,020
10-4051A	DC Electric Htr.....	24	4" H x 5" W x 6" D	25	600	10,020
10-4052A	DC Electric Htr.....	24	4" H x 5" W x 6" D	35	840	14,028
10-4054A	DC Electric Htr.....	24	4" H x 5" W x 6" D	45	1080	18,036

NOTES:

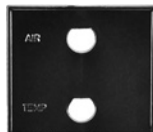
(1) 12 volt nominal voltage = 14.2 alternator voltage / 24 volt = 28 alternator voltage

- Heaters are hard-wired into electrical system (uses 30 or 40 amp fuse). Supplied with mounting bracket, hardware, and fuse.
- Heaters equipped with High/Low/Off switch on side (can be operated from dash with a push/pull switch).
- Heaters can be used on FAA approved S.T.C. aircraft (field approval form #337 required).
- By design, the airflow on these heaters is not as strong as the airflow on the vehicle's O.E. heater.
 - The infrared heat warms exposed flesh, not the air.
 - The convective flow of heat warms the air in the vehicle.

SWITCH PLATES



18-3200
Rectangle Switch Plate



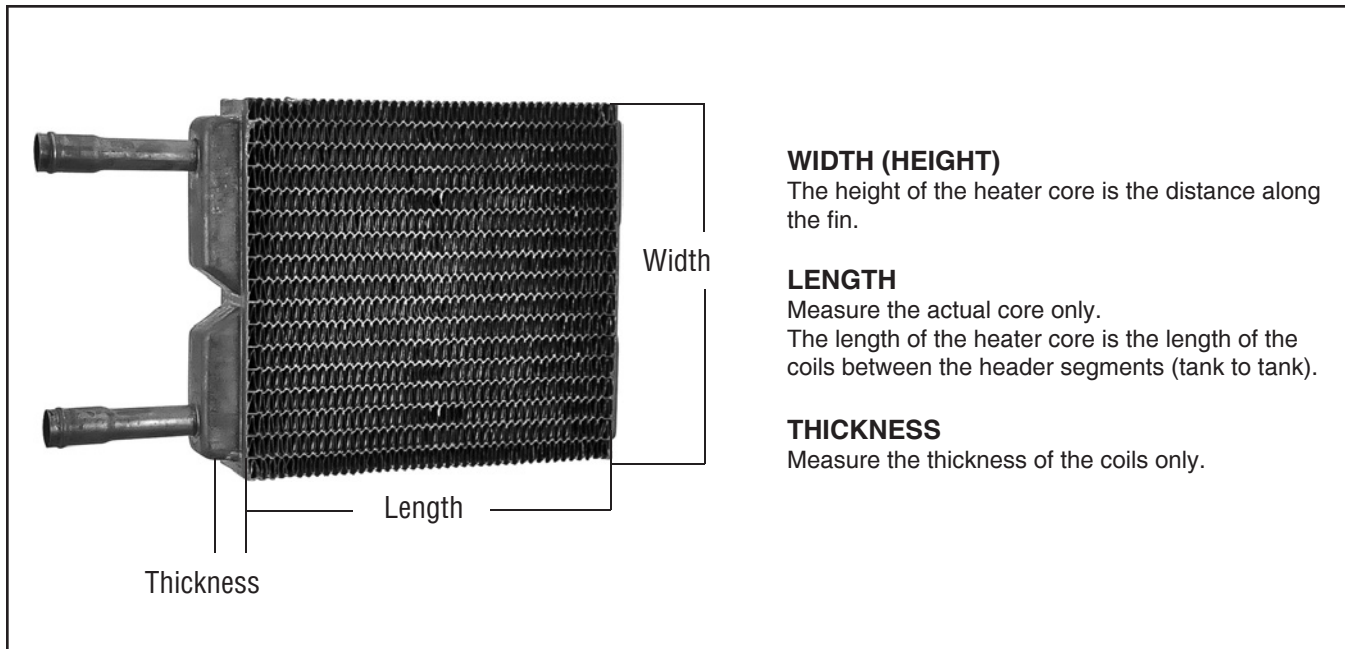
18-3201
Square Switch Plate



18-3202
Round Switch Plate



11-3501
Switch Plate Harness Kit



WIDTH (HEIGHT)

The height of the heater core is the distance along the fin.

LENGTH

Measure the actual core only.
The length of the heater core is the length of the coils between the header segments (tank to tank).

THICKNESS

Measure the thickness of the coils only.

Listed in progressive size by Width x Length x Thickness

WIDTH	LENGTH	THICKNESS	PART #	IN	OUT	APPLICATION	O.E.M. #
4"	19 1/8"	1 7/8"	10-2686	-	-	RD R9750 units	(50-9735/50-9736)
4 "	10 3/4"	1 7/8"	10-2687	5/8"	5/8"	RD R2020 heater	(50-9868)
6"	6"	2"	10-0400	5/8"	5/8"	Ford F150-350	D2TZ-18476C
6"	6 3/8"	1 5/8"	10-0606	5/8"	5/8"	Freightliner w/ Behr	BOA93675
6"	7 5/8"	2"	10-0412	5/8"	5/8"	Ford L series	E0HZ-18476A
6"	7 3/4"	2"	10-0408	5/8"	5/8"	Ford C,CL,CLT,CT	E6HZ-18476B
6"	7 3/4"	2"	10-0411	5/8"	5/8"	Ford F150-350	E3TZ-18476H (swivel ftgs)
6"	7 3/4"	2"	10-0420	5/8"	5/8"	Ford (swivel ftgs) E27H-18476AA,	E3TZ-18TZ-18476A
6"	7 3/4"	2"	10-0402	5/8"	5/8"	Ford F150/350	C6OZ-18476A
6"	8"	2"	10-0403	5/8"	3/4"	Ford L series	D2HZ-18476B
6"	9 5/8"	2"	10-0413	5/8"	5/8"	Ford L series	E3HZ-18476A
6"	9 3/4"	2"	10-0405	5/8"	3/4"	Ford L series	D9HZ-18476A
6 "	13 1/2"	1 7/8"	10-2688	5/8"	5/8"	RD R8545 units	(50-9743/50-9744)
6"	16"	2 1/2"	10-2062	5/8"	5/8"	Peterbilt	108201, MC1130
6"	18 1/2"	2"	10-1407	5/8"	5/8"	Peterbilt	108206, MC1165
6 1/8"	11 1/4"	2 3/8"	10-1207	5/8"	5/8"	Mack w/Signet a/c	3230-221699
6 1/4"	9 1/2"	2"	10-0213	5/8"	3/4"	Che/GMC P30	3037531
6 1/2"	7 5/8"	2"	10-0801	5/8"	5/8"	Navistar Loadstar	437641C1
6 1/2"	12 1/4"	1 7/8"	10-0601	5/8"	3/4"	Freightliner FL series	ABP N83 315025
6 5/8"	6"	1 5/8"	10-0617	3/8"	3/8"	Freightliner,Chrys Sprinter 2.7TD	
6 5/8"	14 1/8"	1 1/4"	10-0618	Beadlock		Freightliner,Chrys Sprinter	(aluminum)
7"	7"	2"	10-0414	5/8"	5/8"	Ford F150-350	E7TZ-18476A (swivel ftgs)
7 "	7 3/4"	2"	10-0426	3/4"	3/4"	Ford L-Series	F1HZ18476B
7"	8 1/4"	2"	10-0200	5/8"	3/4"	Che/GMC P30	3027247
7"	8 1/2"	2 1/2"	10-2657	5/8"	5/8"	Mack R series	4379-RD106150
7"	8 1/2"	2 1/2"	10-2674	5/8"	5/8"	Mack w/RedDot R8520-2	RD1-0958-0
7"	9 3/4"	1 7/8"	10-2665	5/8"	5/8"	Mack CM series	4379-RD106990
7 1/8"	8 1/4"	1 5/16"	10-0220	5/8"	3/4"	Topkick/Kodiac Express/Sava	(swivel ftgs)
7 1/8"	11"	1 5/8"	10-0621	5/8"	5/8"	Freightliner,Cascadia	VCCT1000899G
7 1/8"	14 5/8"	1 1/2"	10-1614	Fem bead conn		Volvo VN Series	85120277
7 1/4"	7 3/4"	2"	10-0419	3/4"	3/4"	Ford Aerostar	E69H-18476BA
7 1/4"	8"	2"	10-0410	5/8"	5/8"	Ford 80-88 F150-350	E9TH-18476A
7 1/4"	8 1/4"	1"	10-0221	3/4"	3/4"	GMC C/K 10-35 Ser	89018297 (swivel ftgs)
7 1/4"	8 1/2"	1"	10-0209	5/8"	3/4"	Che/GMC	C, M, W3091251 (swivel ftgs)
7 3/8"	7 3/4"	2"	10-0418	3/4"	3/4"	Ford E150/350	E9UZ-18476B
7 1/2"	8 1/4"	2"	10-0205	5/8"	3/4"	Che/GMC Bison/General	3033461
7 1/2"	8 1/2"	2"	10-0208	5/8"	3/4"	Che/GMC C,M,W	3091316 (swivel ftgs)
7 1/2"	9 1/2"	2"	10-0214	5/8"	3/4"	Che/GMC P30	3037515
7 1/2"	10 3/8"	1 1/2"	10-1216	-	-	Mack	3543-K0762 (alum/plastic)


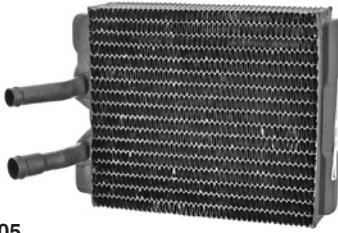


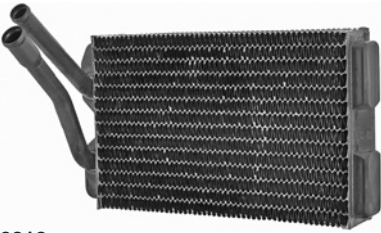
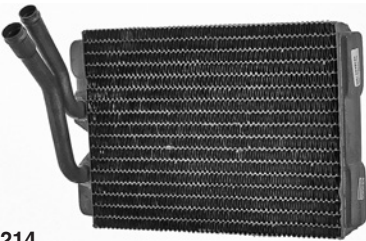

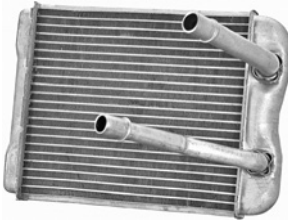
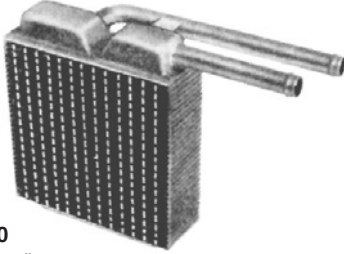

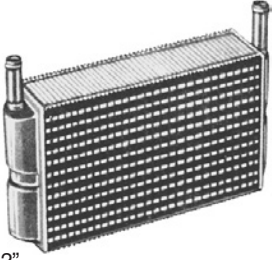
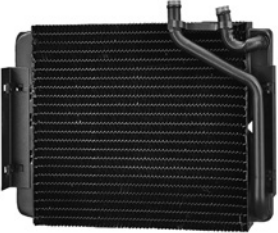
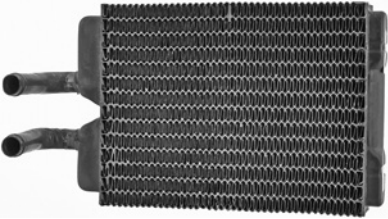
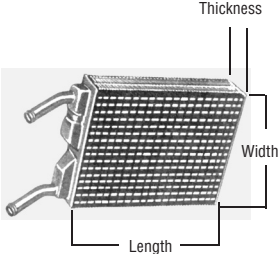
Section IV: Specifications Chart

Heater Cores

Listed in progressive size by Width x Length x Thickness (continued)

WIDTH	LENGTH	THICKNESS	PART #	IN	OUT	APPLICATION	O.E.M. #
7 1/2"	15"	1 3/8"	10-1613	-	-	Volvo VN 2004-09	85104947, BOAA4283
7 3/4"	9 3/4"	2"	10-0806	5/8"	3/4"	Navistar various ser	474030C2
7 7/8"	8"	2"	10-1005	5/8"	5/8"	Kenworth T series	108263
7 11/16"	7 1/8"	2 1/8"	10-0438	9/16"	9/16"	F250-F550 HD super duty	F81Z18476AA (swivel ftgs)
7 11/16"	7 1/8"	2 1/8"	10-0439	3/4"	9/16"	97-03 E series	F7UH18476AA (swivel ftgs)
7 11/16"	7 1/8"	2 1/8"	10-0437	3/4"	3/4"	Ford 98-01 Aeromax (swivel ftgs)	F7HH18476AA; F7HZ18476A
8"	5 5/8"	2 7/8"	10-2660	5/8"	5/8"	Freightliner w/R4190 Sleeper	RD-1-0755-0; MC1255
8"	8"	1 3/4"	10-1402	3/4"	3/4"	Peterbilt Conv., Main Cab	B20011S
8"	8"	2 1/2"	10-2661	5/8"	5/8"	Freightliner w/R4190 Sleeper	MC1150
8"	8"	2 1/2"	10-2662	5/8"	5/8"	Peterbilt Sleeper unit	RD1-0574-0
8"	8 7/8"	1 7/8"	10-0808	5/8"	3/4"	Navistar 2000-8000 ser	1696843C1
8"	9"	2 1/2"	10-2650	5/8"	5/8"	Kenworth, Mack	RD1-0147-1
8"	9"	2 1/2"	10-2681	5/8"	5/8"	Western Star 4800-4900	RD1-0460-1
8"	9 1/2"	2"	10-0802	5/8"	3/4"	Navistar 4000-8000 ser	581702C1 (swivel ftgs)
8"	12"	2 1/2"	10-2659	5/8"	5/8"	Peterbilt	RD1-0650-0
8"	12"	2 1/2"	10-1003	5/8"	5/8"	Kenworth C500	110640, MC1005
8"	12 11/16"	1 7/8"	10-2668	5/8"	5/8"	Mack MC/MR series	4379-RD105500
8"	14 1/2"	1 7/8"	10-2669	5/8"	5/8"	Peterbilt	RD1-0715-0
8"	17 1/2"	1 7/8"	10-0602	5/8"	5/8"	Freightliner FL series	315060; BOA85-200-71-009
8"	18 11/16"	1 7/8"	10-1401	5/8"	5/8"	Peterbilt	108289, MC1365
8 5/8"	10"	1 1/4"	10-1008	5/8"	5/8"	PACCAR (main)	W2046001
8 3/4"	9 1/2"	1 1/2"	10-0608	3/4"	3/4"	Freightliner	HM9104001
9"	11"	1 5/16"	10-0804	1/2"NPT	3/4"	Navistar 5000 ser	501099C91
9"	13"	1 7/8"	10-2800	5/8"	5/8"	Fits PROAIR underseat heater	
9-1/8"	10"	2 1/2"	10-0812	5/8"	3/4"	Navistar, #BSM710082,	2593489-C1, 2594124-C1
9 5/32"	9 3/32"	1 7/8"	10-0809	5/8"	3/4"	Navistar 4000-9000 ser	169995C1; MC1355
9-7/8"	8 7/8"	2 1/2"	10-1409	5/8"	5/8"	Peterbilt, Main Unit, 3X011018,	3x010005
10"	6"	2 1/2"	10-1214	5/8"	5/8"	Mack	7787-869223
10"	7 11/16"	1 7/8"	10-1606	5/8"	5/8"	Volvo w/Bergstrom	108281, MC1370,3947414
10"	7 5/8"	2 1/2"	10-2056	3/4"	5/8"	Peterbilt	280244
10"	7 7/16"	3 1/8"	10-1006	5/8"	5/8"	Peterbilt 387	108293
10"	9"	1 7/8"	10-2656	5/8"	5/8"	Ford L series	RD1-0680-0
10"	9"	2 1/2"	10-2666	5/8"	5/8"	Mack CH/CL series	4379-RD106930
10"	9"	2 3/4"	10-0814	3/4"	5/8"	International	2612565-C1
10"	10"	2 1/2"	10-0603	3/4"	3/4"	Freightliner C112, 120	ABP N83 315010
10"	10 5/8"	2"	10-0406	5/8"	5/8"	Ford C Series	B8T-18476A
10"	10 11/16"	1 7/8"	10-1609	5/8"	5/8"	Volvo w/Bergstrom	108225; 3915105
10"	10 23/32"	1 7/8"	10-1605	5/8"	5/8"	Volvo w/Bergstrom	108220; 1118387
10"	23 11/32"	3015-32"	10-0815	-	-	IC Bus (copper, brass)	2585989-C1
10 3/8"	6"	1 5/8"	10-0811	3/4"	3/4"	Navistar ProStar Aux AC	3599598-C1
11"	7 1/8"	1 5/8"	10-0622	-	-	Freightliner M2 (2009)	VCCT1001837R
11"	10 5/64"	2 3/4"	10-1612	5/8"	5/8"	Western Star Const./Heritage	RD1-1965-0
11 1/8"	7 1/8"	1 5/8"	10-0607A	pad		Freightliner M2	VCC31000005
11 7/8"	7"	1 3/4"	10-0813	-	-	International Navistar	2602575-C91
12 3/8"	7 3/8"	1 1/2"	10-0810	3/4"	3/4"	Navistar	BOA85-471-77-009
15"	7 3/8"	1 1/2"	10-1608	flange		Volvo VN (Behr-Main Unit)	3946674
-	-	-	10-1405	-	-	Peterbilt (bunk)	108322

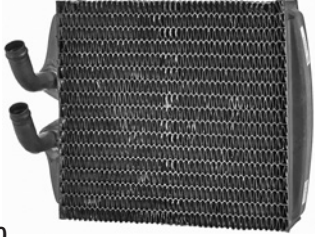


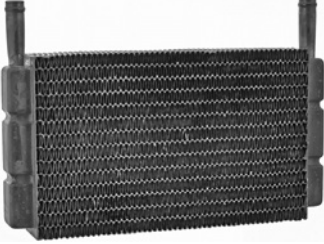

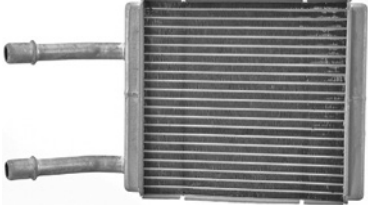


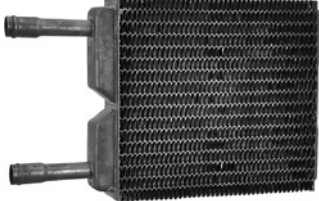



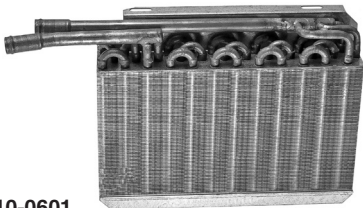
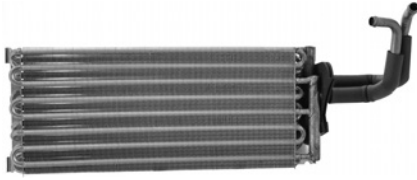
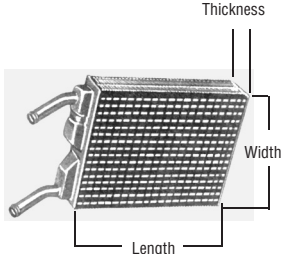
Listed in ascending order by our part number; specifications are listed by Width x Length x Thickness.

 <p>10-0200 7" x 8-1/4" x 2" In: 5/8" / Out: 3/4" Che/GMC P30, 3027247</p>	 <p>10-0205 7-1/2" x 8-1/4" x 2" In: 5/8" / Out: 3/4" Che/GMC Bison/General 3033461</p>	 <p>10-0208 7-1/2" x 8-1/2" x 2" In: 5/8" / Out: 3/4" (swivel fittings) GMC/TopKick/Kodiak 3091316; 52467018</p>
 <p>10-0209 7-1/4" x 8-1/2" x 1" In: 5/8" / Out: 3/4" (swivel fittings) Che/GMC C, M, W 3091251</p>	 <p>10-0213 6-1/4" x 9-1/2" x 2" In: 5/8" / Out: 3/4" Che/GMC P30 3037531</p>	 <p>10-0214 7-1/2" x 9-1/2" x 2" In: 5/8" / Out: 3/4" Che/ GMC P30 3037515</p>
 <p>10-0220 7-1/8" x 8-1/4" x 1-5/16" (aluminum) In: 5/8" / Out: 3/4" (swivel fittings) Express/Savana Topkick/Kodiak</p>	 <p>10-0221 7-1/4" x 8-1/4" x 1" In: 3/4" / Out: 3/4" (swivel fittings) GMC C/K 10-35 Series (regular cabs) OE# 89018297</p>	 <p>10-0400 6" x 6" x 2" In: 5/8" / Out: 5/8" Ford 73-79 F150/350 D2TZ-18476C</p>
 <p>10-0402 6" x 7-3/4" x 2" In: 5/8" / Out: 5/8" Ford F150/350 C6OZ-18476A</p>	 <p>10-0403 6" x 8" x 2" In: 5/8" / Out: 3/4" Ford L Series D2HZ-18476B</p>	 <p>10-0405 6" x 9-3/4" x 2" In: 5/8" / Out: 3/4" Ford L Series D9HZ-18476A</p>
 <p>10-0406 10" x 10-5/8" x 2" In: 5/8" / Out: 5/8" Ford C Series B8T-18476A</p>	 <p>10-0408 6" x 7-3/4" x 2" In: 5/8" / Out: 5/8" Ford C, CL, CLT, CT E6HZ-18476B</p>	 <p>Thickness Width Length</p>

Section IV: Illustrated

Heater Cores

Listed in ascending order by our part number; specifications are listed by Width x Length x Thickness (continued).

 <p>10-0410 7-1/4" x 8" x 2" In: 5/8" / Out: 5/8" Ford F150-350 E9TH-18476A</p>	 <p>10-0411 6" x 7-3/4" x 2" In: 5/8" / Out: 5/8" (swivel fittings) Ford F150/350 E3TZ-18476H</p>	 <p>10-0412 6" x 7-5/8" x 2" In: 5/8" / Out: 5/8" Ford L Series E0HZ-18476A (Copper/Brass)</p>
 <p>10-0413 6" x 9-5/8" x 2" In: 5/8" / Out: 5/8" Ford L Series E3HZ-18476A (Copper/Brass)</p>	 <p>10-0414 7" x 7" x 2" In: 5/8" / Out: 5/8" (swivel fittings) Ford 80-96 F150-350 E7TZ-18476A</p>	 <p>10-0418 7-3/8" x 7-3/4" x 2" In: 3/4" / Out: 3/4" Ford E150/350 E9UZ-18476B</p>
 <p>10-0419 7-1/4" x 7-3/4" x 2" In: 3/4" / Out: 3/4" Ford Aerostar E69H-18476BA</p>	 <p>10-0420 6" x 7-3/4" x 2" In: 5/8" / Out: 5/8" (swivel fittings) Ford E27H-18476AA, E3TZ-18TZ-18476A</p>	 <p>10-0426 7" x 7-3/4" x 2" In: 3/4" / Out: 3/4" Ford L-Series F1HZ18476B</p>
 <p>10-0437 7-11/16" x 7-1/8" x 2-1/8" In: 3/4" / Out: 3/4" (swivel fittings) Ford Aeromax F7HZ-184776A F7HH18476AA (aluminum) Supplied with Retro-Kit</p>	 <p>10-0438 7-11/16" x 7-1/8" x 2-1/8" In: 9/16" / Out: 9/16" (swivel fittings) 99-03 Ford F250-F550HD, SD F81Z-18476AA (aluminum)</p>	 <p>10-0439 7-11/16" x 7-1/8" x 2-1/8" In: 3/4" / Out: 9/16" (swivel fittings) Ford E150/350 F7UZ-18476AA; F7UH-18476AA (aluminum)</p>
 <p>10-0601 6-1/2" x 12-1/4" x 1-7/8" In: 5/8" / Out: 3/4" Freightliner FL Series ABPN 83 315025</p>	 <p>10-0602 8" x 17-1/2" x 1-7/8" In: 5/8" / Out: 5/8" Freightliner FL Series 315060; BOA85-200-71-009</p>	 <p>Thickness Width Length</p>

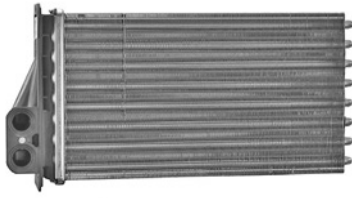
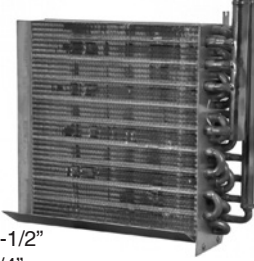


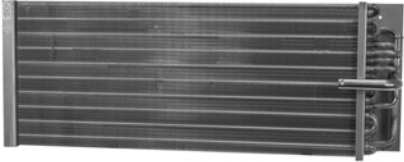
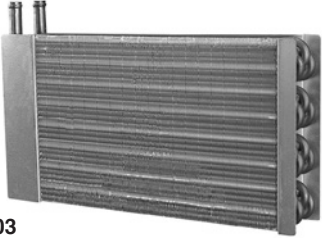
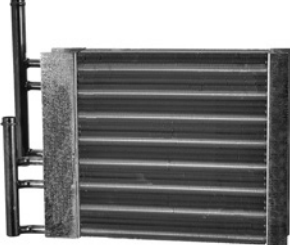
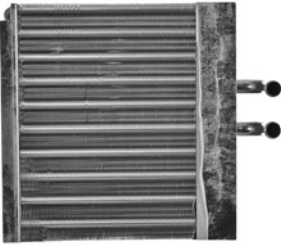


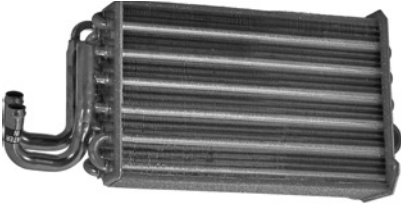
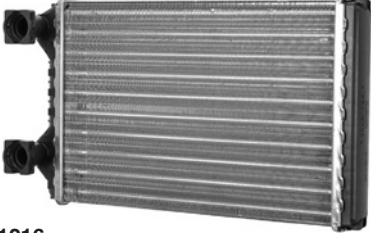
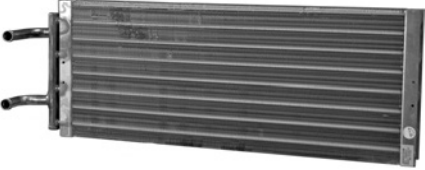
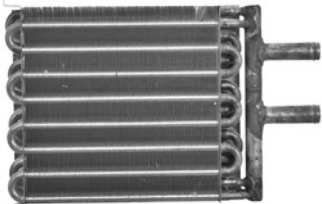
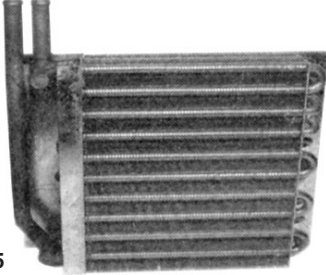
Listed in ascending order by our part number; specifications are listed by Width x Length x Thickness (continued).

 <p>10-0603 10" X 10" X 2-1/2" In: 3/4" / Out: 3/4" Freightliner C112, C120 ABP N83 315010</p>	 <p>10-0606 6" x 6-3/8" x 1-5/8" Flange In: 5/8" / Out: 5/8" Freightliner w/Behr BOA93675</p>	 <p>10-0607A 11-1/8" x 7-1/8" x 1-5/8" (pad conn, w/cover) Freightliner M2 Bus. Class VCC3100005</p>
 <p>10-0608 8-3/4" x 9-1/2" x 1-1/2" In: 3/4" / Out: 3/4" Freightliner HM9104001</p>	 <p>10-0617 6-5/8" x 6" x 1-5/8" In: 3/8" / Out: 3/8" Freightliner, Chrys Sprinter 2003-06 2.7TD (aluminum/plastic)</p>	 <p>10-0618 6-5/8" x 14-1/8" x 1-1/4" Bead connections (aluminum) Freightliner Chrys Sprinter 2007-08</p>
 <p>10-0621 7-1/8" x 11" x 1-5/8" In: 5/8" / Out: 5/8" (aluminum/plastic) Freightliner, 2008 Cascadia VCCT1000899G</p>	 <p>10-0622 11" x 7-1/8" x 1-5/8" 2009 Freightliner M2 VCCT1001837R</p>	 <p>10-0801 6-1/2" x 7-5/8" x 2" In: 5/8" / Out: 5/8" Navistar Loadstar 437641C1</p>
 <p>10-0802 8" x 9-1/2" x 2" In: 5/8" / Out: 3/4" (swivel fittings) Navistar 400/8000 Series 581702C1</p>	 <p>10-0804 9" x 11" x 1-5/16" In: 1/2" NPT / Out: 3/4" Navistar 5000 Series 501099C91</p>	 <p>10-0806 7-3/4" x 9-3/4" x 2" In: 5/8" / Out: 3/4" Navistar various series 474030C2</p>
 <p>10-0808 8" x 8-7/8" x 1-7/8" In: 5/8" / Out: 3/4" Navistar 2000/8000 Series 1696843C1</p>	 <p>10-0809 9-5/32" x 9-3/32" x 1-7/8" In: 5/8" / Out: 3/4" Navistar 4000/9000 Series 169995C1</p>	 <p>10-0810 12-3/8" x 7-3/8" x 1-1/2" In: 3/4" / Out: 3/4" (aluminum/plastic) Navistar BOA85-471-77-009, 3542604-C2</p>

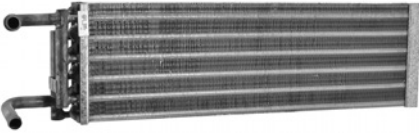



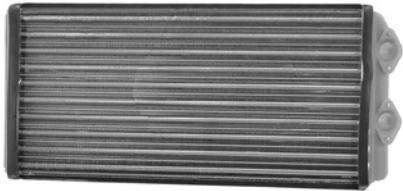
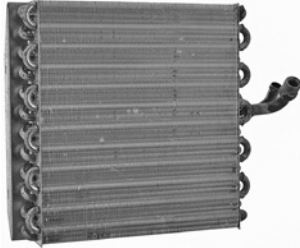
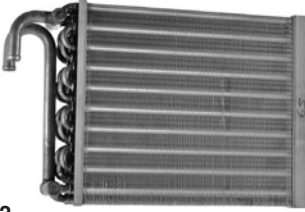

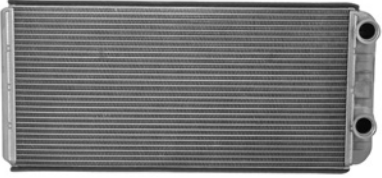
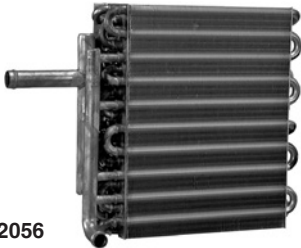
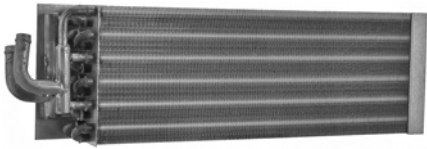
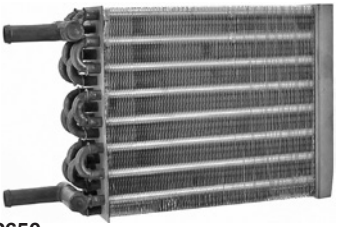
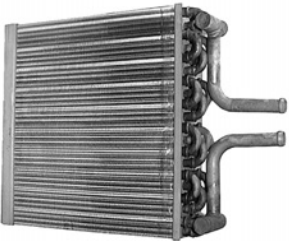
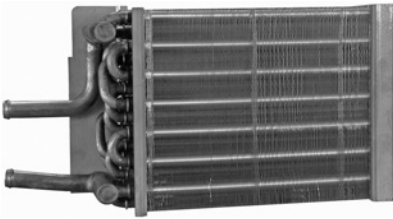
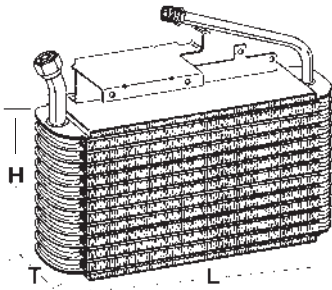
Section IV: Illustrated

Heater Cores

Listed in ascending order by our part number; specifications are listed by Width x Length x Thickness (continued).

 <p>10-0811 10-3/8" x 6" x 1-5/8" In: 3/4" / Out: 3/4" Navistar ProStar Aux AC OE# 3599598-C1</p>	 <p>10-0812 9-1/8" x 10" x 2-1/2" In: 5/8" / Out: 3/4" Navistar OE# BSM710082, 2593489-C1, 2594124-C1</p>	 <p>10-0813 11-7/8" x 7" x 1-3/4" International Navistar OE# 2602575-C91</p>
 <p>10-0814 10" x 9" x 2-3/4" In: 3/4" / Out: 5/8" International OE# 2612565-C1</p>	 <p>10-0815 10" x 23-11/32" x 3-15/32" Copper, Brass IC Bus OE# 2585989-C1</p>	 <p>10-1003 8" x 12" x 2-1/2" In: 5/8" / Out: 5/8" Kenworth C500 110640, MC1005</p>
 <p>10-1005 7-7/8" x 8" x 2" In: 5/8" / Out: 5/8" Kenworth T Series 108263</p>	 <p>10-1006 10" x 7-7/16" x 3-1/8" In: 5/8" / Out: 5/8" Peterbilt 387 OE# 108293</p>	 <p>10-1008 8-5/8" x 10" x 1-1/4" Aluminum, In: 5/8" / Out: 5/8" PACCAR (Main) OE# W2046001</p>
 <p>10-1207 6-1/8" x 11-1/4" x 2-3/8" In: 5/8" / Out: 5/8" Mack w/Signet A/C 3230-221699</p>	 <p>10-1214 10" x 6" x 2-1/2" In: 5/8" / Out: 5/8" Mack 7787-869223</p>	 <p>10-1216 7-1/2" x 10-3/8" x 1-1/2" (flange connections) Mack 3543-K0762</p>
 <p>10-1401 8" x 18-11/16" x 1-7/8" In: 5/8" / Out: 5/8" Peterbilt 108289, MC1365</p>	 <p>10-1402 8" x 8" x 1-3/4" In: 3/4" / Out: 3/4" Peterbilt Conv., Main Cab OE# B20011S</p>	 <p>10-1405 Bunk Peterbilt OE# 108322</p>

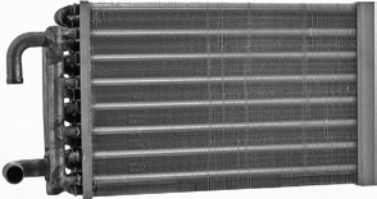
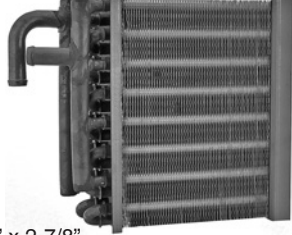
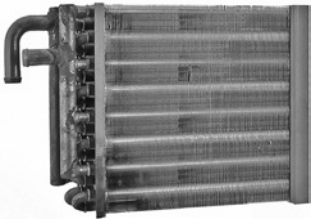
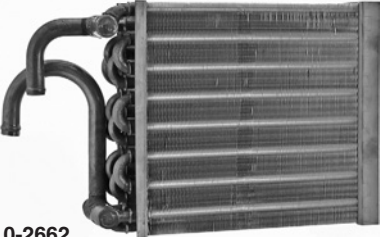
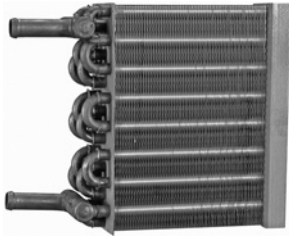
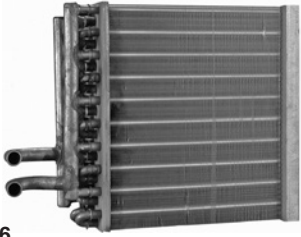
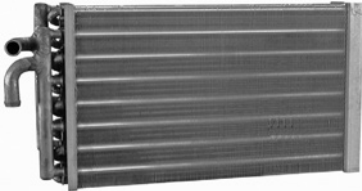
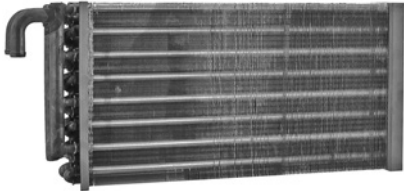
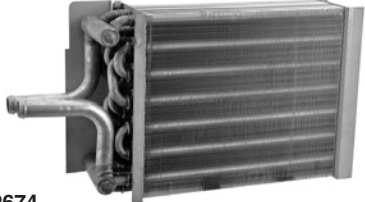
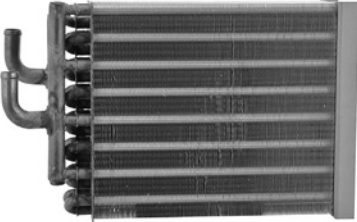
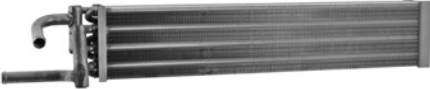
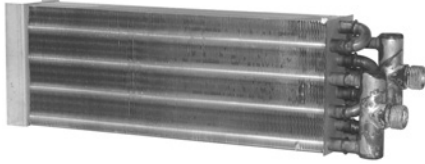
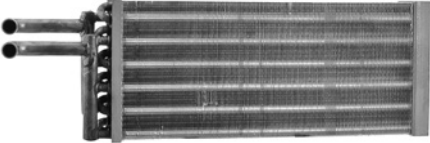
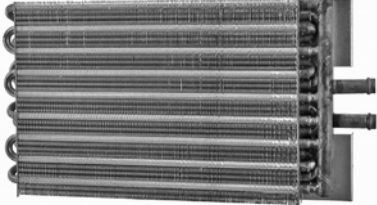
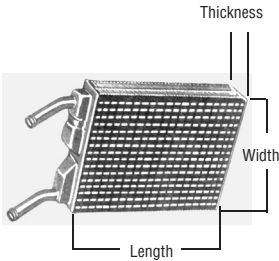
Listed in ascending order by our part number; specifications are listed by Width x Length x Thickness (continued).

 <p>10-1407 6" x 18-1/2" x 2" In: 5/8" / Out: 5/8" Peterbilt 108206, MC1165</p>	 <p>10-1409 9-7/8" x 8-7/8" x 2-1/2" In: 5/8" / Out: 5/8" Peterbilt Main Unit, 330 thru 389 OE# 3X011018, 3X010005</p>	 <p>10-1605 10" x 10-23/32" 1-7/8" In: 5/8" / Out: 5/8" Volvo w/Bergstrom 108220; 1118387</p>
 <p>10-1606 10" x 7-11/16" x 1-7/8" In: 5/8" / Out: 5/8" Volvo w/Bergstrom 108281, MC1370; 3947414</p>	 <p>10-1608 15" x 7-3/8" x 1-1/2" In / Out Flange Volvo VN (Behr-Main Unit) 3946674</p>	 <p>10-1609 10" x 10-11/16" x 1-7/8" In: 5/8" / Out: 5/8" Volvo w/Bergstrom 108225; 3915105</p>
 <p>10-1612 11" x 10-5/64" x 2-3/4" In: 5/8" / Out: 5/8" WesternStar Constellation/Heritage RD1-1965-0</p>	 <p>10-1613 7-1/2" x 15" x 1-3/8" Alum/PL spec'l conn. Volvo VN 2004-09 85104947, BOAA4283</p>	 <p>10-1614 7-1/8" x 14-5/8" x 1-1/2" Aluminum, Female bead connections Volvo VN 85120277</p>
 <p>10-2056 10" x 7-5/8" x 2-1/2" In: 3/4" / Out: 5/8" Peterbilt 280244</p>	 <p>10-2062 6" x 16" x 2-1/2" In: 5/8" / Out: 5/8" Peterbilt 108201, MC1130</p>	 <p>10-2650 8" x 9" x 2-1/2" In: 5/8" / Out: 5/8" Kenworth, Mack RD10147-1</p>
 <p>10-2656 10" x 9" x 1-7/8" In: 5/8" / Out: 5/8" Ford L Series RD10680-0; 76R3900</p>	 <p>10-2657 7" x 8-1/2" x 2-1/2" In: 5/8" / Out: 5/8" Mack R Series 4379-RD106150</p>	

Section IV: Illustrated

Heater Cores



Listed in ascending order by our part number; specifications are listed by Width x Length x Thickness (continued).

 <p>10-2659 8" x 12" x 2-1/2" In: 5/8" / Out: 5/8" Peterbilt RD106500</p>	 <p>10-2660 8" x 5-5/8" x 2-7/8" In: 5/8" / Out: 5/8" Freightliner w/R4190 Sleeper RD10755-0; MC1255</p>	 <p>10-2661 8" x 8" x 2-1/2" In: 5/8" / Out: 5/8" Freightliner w/R4190 Sleeper MC1150</p>
 <p>10-2662 8" x 8" x 2-1/2" In: 5/8" / Out: 5/8" Peterbilt Sleeper Unit RD10574-0</p>	 <p>10-2665 7" x 9-3/4" x 1-7/8" In: 5/8" / Out: 5/8" Mack CM Series 4379-RD106990</p>	 <p>10-2666 10" x 9" x 2-1/2" In: 5/8" / Out: 5/8" Mack CH/CL Series 4379-RD106930</p>
 <p>10-2668 8" x 12-11/16" x 1-7/8" In: 5/8" / Out: 5/8" Mack MC/MR Series 4379-RD105500</p>	 <p>10-2669 8" x 14 -1/2" x 1-7/8" In: 5/8" / Out: 5/8" Peterbilt RD107150</p>	 <p>10-2674 7" x 8-1/2" x 2-1/2" In: 5/8" / Out: 5/8" Mack R-Model R8820-2 Red Dot RD1-0958-0</p>
 <p>10-2681 8" x 9" x 2-1/2" In: 5/8" / Out: 5/8" Western Star 4800-4900 RD10460-1</p>	 <p>10-2686 4" x 19-1/8" x 1-7/8" RD R9750 Units (50-9735 / 50-9736)</p>	 <p>10-2687 4" x 10-3/4" x 1-7/8" In: 5/8" / Out: 5/8" RD R2020 Heater (50-9868)</p>
 <p>10-2688 6" x 13-1/2" x 1-7/8" In: 5/8" / Out: 5/8" RD R8545 Units (50-9743 / 50-9744)</p>	 <p>10-2800 9" x 13" x 1-7/8" In: 5/8" / Out: 5/8" Fits PROAIR Underseat Heater</p>	 <p>Thickness Width Length</p>

Heater Valves & Heater Fittings

Section IV: Illustrated

Listed in ascending order by part number.

 <p>10-0230 Heater Actuator Mode Valve Label I.D. F1614180 5 pin GM, Topkick Kodiak C65-75 O.E. 890118369</p>	 <p>10-0231 Heater Actuator Mode Valve GM, Topkick Kodiak C45-85 O.E. 1996836</p>	 <p>10-0424 FORD O.E. D4AZ-18495A Vacuum Controlled, Normally Open 5/8" Hose to 5/8" Hose</p>
 <p>10-0429 FORD L-SERIES WITH PERRY FILTER O.E. E0HZ-18495C Manual Shutoff, 3/8" NPT Male x 3/8" Hose</p>	 <p>10-0432 FORD C-SERIES O.E. D1HZ-18495B Manual Shutoff 3/8" NPT Male x 3/8" NPT Female</p>	 <p>10-0611 FREIGHTLINER CENTURY CLASS A22-44553-000; BOA80-101-00-359 Electric Controlled Valve, 3/4" x 3/4"</p>
<p>New - Clip Style (shown) Interchangeable with old style valve.</p>  <p>10-0612 FREIGHTLINER FL106 O.E. RDH-RD5-8935-0 Cable Operated, Pull to Open - 5/8" x 3/4"</p>	 <p>10-0613 FREIGHTLINER CENTURY CLASS O.E. RDH-RD5-8943-0 Cable Operated, Pull to Open - 5/8" x 5/8"</p>	<p>New - One Piece Style</p>  <p>10-0614 FREIGHTLINER FL70 BUS. CLASS Cable Operated, Pull to Open - 5/8" x 5/8"</p>
 <p>10-0615 FREIGHTLINER Colombia, C112, C120 ABPN83-324355; BOA80-101-00-319 Electric Water Valve</p>	 <p>10-0616 Heater Actuator - 6 pin Label I.D. T1000930R Frghtrlnr M2 Bus. Class VCC3200022</p>	 <p>10-0620 Electric Heater Valve, 3/4" x 3/4" 2006-03 Sprinter Van, 2.7TD BK135280; 05103807AA</p>
 <p>10-0820 IHC/NAVISTAR S-SERIES O.E. 474072-C4 Cable Operated - Pull to Close - 5/8" x 5/8"</p>	 <p>10-0821 IHC/NAVISTAR S-SER. O.E. 498574-C1 Cable Operated - Pull to Close 3/4" Hose x 1/2" NPT Female</p>	 <p>10-0830 Heater Actuator - Label I.D. B3570874A NAVISTAR O.E. 2503207-C1 4 pin MACK O.E. 7787-650694</p>

Section IV: Illustrated

Heater Valves & Heater Fittings

Listed in ascending order by part number (continued).

 <p>10-0831 Heater Actuator - Label I.D. G32063311A O.E. 3524465-C1, 650625 4 pin</p>	 <p>10-0832 Motor Mode Control - 4000/8000 Series Label I.D. L6402515A 2 Terminal O.E. BOA80-626-00-049, 3542606-C1; 2611234C1</p>	 <p>10-0833 Heater Actuator - 2 pin Label I.D. A32062951B, A33081901B O.E. BOA80-626-00-039, 3542575-C1</p>
 <p>10-0834 Actuator - Label I.D. YCG1114 12 volt, 5 pin Navistar Prostar 3599602-C1</p>	<p>New - Clip Style (shown) Interchangeable with old style valve.</p>  <p>10-1030 KENWORTH T-SER O.E. MA1000 KW865850; 173209 Cable Operated - CCW Body Pull to Close - 5/8" x 5/8"</p>	<p>New - One Piece Style</p>  <p>10-1031 KENWORTH T-SER O.E. MA1005, 866730 Cable Operated - CW Body Pull to Close - 5/8" x 5/8"</p>
 <p>10-1032 Electric Heater Vlv Actuator (red long life) Label I.D. A3581404A 4 pin KENWORTH O.E. 651259, 3020965</p>	<p>New - One Piece Style</p>  <p>10-1033 KENWORTH O.E. MA1040 , 866860 Cable Operated - CCW Body Pull to Close - 5/8" x 5/8"</p>	<p>New - One Piece Style</p>  <p>10-1034 KENWORTH O.E. MA1480, 867901 Cable Operated - CCW Body Pull to Open - 5/8" x 5/8"</p>
<p>New - Clip Style (shown) Interchangeable with old style valve.</p>  <p>10-1039 KENWORTH T300 O.E. 869261 Heater Valve Cable Type Cable Operated - CW Body Pull to Open - 5/8" x 5/8"</p>	<p>New - One Piece Style</p>  <p>10-1040 Heater Valve Cable Type Pull to Open - 5/8" x 5/8" 2003-07 KW C500, T Series, W900 KENWORTH O.E. MA1690; 870081</p>	<p>New - One Piece Style</p>  <p>10-1041 Actuator Heater Valve Kit, Cable operated pull-to-close, 5/8" x 5/8" hose end PACCAR MA1695, 870084BSM</p>
 <p>10-1042 Heater Actuator - CCW Body 4 pin - 120° Label I.D. A35111573A Kenworth O.E. 651258</p>	 <p>10-1430 Electric Heater Valve Actuator - 2 pin E-Label (Yellow) Label I.D. 16124567 PETERBILT O.E. P93CAB0200-01S</p>	 <p>10-1431 Electric Heater Valve Actuator - 4 pin C-Label (Red) Label I.D. 52402589 PETERBILT O.E. P93CAB0201-01S</p>

Heater Valves & Heater Fittings

Section IV: Illustrated

Listed in ascending order by part number (continued).

 <p>10-1432 Electric Heater Valve Actuator - 4 pin D-Label (Red) Label I.D. 16124932 PETERBILT O.E. P93CAA0200-01S</p>	<p>New - Clip Style (shown) Interchangeable with old style valve.</p> <p>#10-1032 → </p> <p>10-1434 Electric Valve Assy 5/8"x5/8" hose end, 4 Pin Label I.D. A3581194A, A35122133A PETERBILT O.E. 868708BSM CW body (uses 10-1032 actuator)</p>	<p>New - Clip Style Interchangeable with old style valve. (note: old style shown)</p>  <p>10-1435 Water Valve Kit (used w/heater core #10-1005) CCW body, 5/8" hose, cable operated PACCAR 2499084BSM; 1000214702</p>
<p>New - Clip Style (shown) Interchangeable with old style valve.</p> <p>#10-1439 → </p> <p>10-1436 Heater Valve, Electronic 90° CCW body, 5/8"x5/8" hose end, 5 pin PACCAR O.E. 869948BSM</p>	<p>New - Clip Style (shown) Interchangeable with old style valve.</p> <p>#10-1439 → </p> <p>10-1437 Electric Heater Valve Assy. CCW body 5 Pin Actuator, 5/8" x 5/8" hose end PACCAR 249082; 1000192487BSM</p>	<p>New - Clip Style (shown) Interchangeable with old style valve.</p> <p>Heater Clip #18-1474 Holder #18-1475 O'ring #16-4153</p> <p>#10-1032 → </p> <p>10-1438 Electric Heater Valve Assy. 4 Pin Actuator, 5/8" hose end PACCAR MA1685; 868505BSM CW body (uses 10-1032 actuator)</p>
 <p>10-1439 Heater Electric Actuator Kenworth 651291BSM</p>	<p>New - Clip Style (shown) Interchangeable with old style valve.</p>  <p>10-1630 Cable Control, CCW body 5/8" to Core Mount, Pull to Close VOLVO #867405; MA1110</p>	<p>New - Clip Style (shown) Interchangeable with old style valve.</p>  <p>10-1631 Cable Control, CCW body 5/8" to Core Mount, Pull to Open VOLVO WIA SER. #1118414; MA1365</p>
<p>New - Clip Style Interchangeable with old style valve. (note: old style shown)</p> <p>#10-1042 → </p> <p>10-1632 Actuator, 5/8" hose end, 4 pin, CW body Label I.D. A3570094A Electronic Controlled VOLVO VN SER. #3947439; 868580BSM</p>	<p>New - One Piece Style</p>  <p>10-1633 VOLVO CONV. Cable Operated - Pull to Close - 5/8" x 3/4"</p>	 <p>10-1634 VOLVO O.E. 3946691 Cable Operated</p>
 <p>10-1635 VOLVO O.E. 3946690 Cable Operated</p>	 <p>10-1636 VOLVO O.E. 3946692 Solenoid Operated</p>	 <p>#10-1637A only ←</p> <p>10-1637 VOLVO VN - HEATER VALVE KIT O.E. 20443636, 20527576</p>

Section IV: Illustrated

Heater Valves & Heater Fittings

Listed in ascending order by part number (continued).

 <p>10-1637A Heater Valve only VOLVO VHD, VN Series O.E. 85120278</p>	 <p>10-1638 Actuator, 4 Pin E2326, 3590354A, 44905822 Mack O.E. #3543-H2491</p>	 <p>10-1639 Heater Electric Actuator, 6 Pin, 12v RD5-135400P, RD5-36040P</p>
 <p>10-1640 Heater Valve - 5/8" x 5/8" RD5-8093-5</p>	<p>New - One Piece Style</p>  <p>10-2005 KYSOR KY VALVE O.E. 173093 Cable Operated - Pull to Close - 5/8" x 5/8"</p>	<p>New - One Piece Style</p>  <p>10-2007 PETERBILT w/KYSOR KY VALVE O.E. 173112 Cable Operated - Pull to Open - 5/8" x 5/8"</p>
<p>New - One Piece Style</p>  <p>10-2008 MACK w/KYSOR KY VALVE O.E. 173114 Cable Operated - Pull to Open 5/8" x 5/8"</p>	<p>New - One Piece Style</p>  <p>10-2009 FREIGHTLINER w/KYSOR KY VALVE O.E. 173119 Cable Operated, Pull to Open 5/8" x 3/4"</p>	 <p>10-2010 IHC S-SERIES w/KYSOR KY VALVE O.E. 173122 Cable Operated, Pull to Close 5/8" x 5/8"</p>
 <p>10-2012 Freightliner O.E. 680-833-00-64 Cable Operated - Pull to Open - 5/8" x 3/4"</p>	 <p>10-2014 KYSOR, PETERBILT O.E. 173089 Cable Operated - Pull to Open - 5/8" x 3/4"</p>	<p>New - Clip Style Interchangeable with old style valve. (note: old style shown)</p>  <p>10-2017 Heater Valve Cable Type Pull to Open 1" outlet, 90° Plastic Housing Bergstrom Bus Application</p>
 <p>10-2602 RED DOT O.E. RD5-8804-0 Air Operated, 5/8" Hose x 5/8" Hose 1/8" -27 NPT Air Supply Requires 80-120 lbs. p.s.i.</p>	 <p>10-2603 RED DOT Air Operated 3/4" Hose (Plastic) 1/8" -27 NPT Air Supply Requires 80-120 lbs. p.s.i. (also see 10-2625)</p>	 <p>10-2618 RED DOT O.E. RD5-5138-0 Air Operated, 5/8" Hose x 5/8" Hose (90°) 1/8" -27 NPT Air Supply Requires 80-120 lbs. p.s.i.</p>

Listed in ascending order by part number (continued).

 <p>10-2619 RED DOT O.E. RD5-5300-0 5/8" x 5/8" Bi-Directional Cable Control - Pull to Close Nylon-glass reinforced May be installed in either flow direction.</p>	 <p>10-2620 RED DOT O.E. RD5-5300-1 5/8" x 5/8" Bi-Directional Cable Control - Pull to Open Nylon-glass reinforced May be installed in either flow direction.</p>	 <p>10-2622 RED DOT O.E. RD5-5495-2 Bi-Directional 90° elbow - 5/8" x 5/8" Cable Control - Pull to Close May be installed in either flow direction.</p>
 <p>10-2623 RED DOT O.E. RD5-5495-1 Bi-Directional 90° elbow - 5/8" x 5/8" Cable Control - Pull to Open May be installed in either flow direction.</p>	 <p>10-2626 RED DOT O.E. RD5-7760-1 Cable operated - Push to Open 5/8" x 5/8" with restrictor</p>	 <p>10-2627 RED DOT O.E. RD5-7760-2 Cable operated - Pull to Open 5/8" x 5/8" with restrictor</p>
 <p>10-2628 RED DOT O.E. RD5-7760-3 Cable operated - Pull to Open 5/8" x 5/8" with restrictor</p>	 <p>10-2629 RED DOT O.E. RD5-7760-0 Cable operated - Push to Open 5/8" x 5/8" with restrictor</p>	 <p>10-2630 RED DOT O.E. RD5-8083-0 Cable operated - Pull to Open 5/8" x 5/8" with restrictor</p>
 <p>10-2633 Water Valve w/Electric Solenoid 5/8" hose, 12 volt, Red Dot units</p>	 <p>10-2634 Electronic Heater Valve w/Actuator 5/8" connections, 12 volt, 4 Pin J. Deere Crawler/Dozer 450H, 650H, 700H</p>	 <p>10-2635 Electronic Heater Valve w/Actuator 5/8" connections, 24 volt Linkbelt Excavator 4300, 5800, 6000</p>
 <p>10-2636 Heater Valve w/ Flow Restrictor 5/8" to Core Mount, Pull to Open Caterpillar D3, D4 ,D5</p>	 <p>10-2637 New - Clip Style Interchangeable with old style valve. (note: old style shown) Heater Valve w/ Flow Restrictor, CW body 5/8" to Core Mount, Pull to Open Caterpillar Hauler 793/979</p>	 <p>10-2638 New - Clip Style Interchangeable with old style valve. (note: old style shown) Heater Valve w/ Flow Restrictor 5/8" x 5/8" Cable, Pull to Close Caterpillar Grader 24H</p>

Section IV: Illustrated

Heater Valves & Heater Fittings




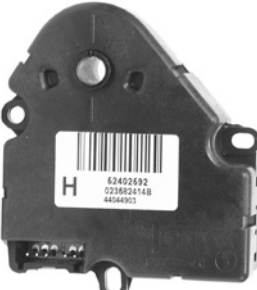


Listed in ascending order by part number (continued).




 <p>10-2639 Heater Valve 3/4" x 5/8" Stem, Pull to Close Caterpillar Skid Steer</p>	 <p>10-2640 Heater Valve Cable Type 5/8" x 5/8" Cable, Pull to Open Caterpillar Skid Steer</p>	 <p>10-2641 HEATER VALVE with Flow Restrictor 5/8" x 5/8" Cable Pull to Open Gillig Bus, Orion Bus</p>
 <p>10-3000 UNIVERSAL Cable Operated - Pull to Open 5/8" x 5/8" (Can sub 10-2620)</p>	 <p>10-3001 UNIVERSAL Cable Operated - Pull to Open 5/8" x 5/8" (Can sub 10-2620)</p>	 <p>10-3002 UNIVERSAL Cable Operated - Pull to Open 3/4" x 3/4"</p>
 <p>10-3006 UNIVERSAL Cable Operated - Pull to Close 5/8" x 5/8" (can sub. 10-2619)</p>	 <p>10-3007 UNIVERSAL TEE VALVE Cable Operated, 5/8"x5/8"x5/8" Push: A+C open Pull: B+C open Mid Position: A+B+C open</p>	 <p>HEATER HOSE SPLICER 10-3005 5/8" Hose 10-3009 5/8" x 3/4" 10-3010 3/4" Hose 10-3011 1" Hose</p>
 <p>10-3012 Step-Up 5/8" Hose x 3/4" Hose</p>	 <p>90° ELBOW 10-3013 5/8" Hose x 5/8" Hose 10-3014 3/4" Hose x 3/4" Hose</p>	 <p>10-3015 HEATER NIPPLE 5/8" Hose x 1/2" Male Pipe</p>
 <p>90° ELBOW 10-3016 5/8" Hose x 5/8" Hose 90° Elbow Connector</p>	 <p>90° ELBOW 10-3017 3/4" Step-Up 5/8" Hose x 3/4" Hose 90° Elbow Connector</p>	 <p>10-3018 SPLICER FITTING 3/4" Hose x 1" Hose</p>

Listed in ascending order by part number (continued).

 <p>SUPPLIED 4 PER BOX</p> <p>10-3019 90° elbow, Hex Base 5/8" Hose x 1/2" Male Pipe</p>	 <p>CONNECTOR STRAIGHT</p> <p>10-3021 1/2" NPT x 5/8" Hose</p>	 <p>90° ELBOW</p> <p>10-3022 1/2" NPT x 5/8" Hose</p>
 <p>10-3026 (copper) 10-3026S (steel) Straight Connector #8 O'ring x 5/8" Hose - 3/4"-16 thread</p>	 <p>10-3027 (copper) 10-3027S (steel) 90° Elbow #8 O'ring x 5/8" Hose - 3/4"-16 thread</p>	 <p>CONNECTOR STRAIGHT</p> <p>10-3028 5/8" Hose x 5/8" Hose 10-3029 3/4" Hose x 3/4" Hose</p>
 <p>SUPPLIED 4 PER BOX</p> <p>10-3030 HEATER NIPPLE (Long) 3/4" Hose x 1/2" Male Pipe</p>	 <p>10-3031 SHORT HEX FITTING 1" Hose x 1/2" Male Pipe</p>	 <p>10-3038 "Step" Connections, Nylon-Plastic 5/8" Hose or 3/4" Y-TEE (2 per box)</p>
 <p>MANUAL HEATER SHUT OFF VALVE (T-Handle Type)</p> <p>10-3050 5/8" Hose to 5/8" Hose 10-3055 3/4" Hose to 3/4" Hose</p>	 <p>MANUAL HEATER SHUT OFF VALVE (Gate Type)</p> <p>10-3070 5/8" Hose x 3/8" NPT Male 10-3075 3/4" Hose x 3/8" NPT Male</p>	 <p>MANUAL HEATER SHUT OFF VALVE (Gate Type)</p> <p>10-3085 5/8" Hose x 1/2" NPT Male 10-3090 3/4" Hose x 1/2" NPT Male</p>
 <p>10-3093 Heater Valve, N.C. Straight Air Operated 5/8" x 5/8" Hose ProAir OE# 05-000-033</p>	<p><i>Ideal for bus applications with rear heaters</i></p>  <p>10-4255 High Flow Electric Pump 7.1 G.P.M. Flow Rate, 12 volt 5/8" x 5/8" Hose Inlet & Outlet 1.5 AMPS @ 12v (includes hardware)</p>	 <p>10-4303 Heater Valve Actuator - Universal 12v or 24v Sealed, 4 Pin 104° Max Travel</p>

Listed in ascending order by part number (continued).

 <p>10-4305 Servo Actuator, 4 Pin 12v, 126° Max Travel</p>	 <p>10-4306 Two Position Actuator 140° Max Travel</p>	 <p>10-4307 Servo Actuator, 4 Pin 12v, 126° Max Travel</p>
 <p>10-4308 Feedback Actuator, 5 Pin 12v, 130° Max Travel</p>	 <p>10-4309 Electronic Water Valve w/Actuator 5 Pin, In: 5/8" Out: 5/8"</p>	
<p style="text-align: center;"><i>Also See Switches 11-Series Actuators (used in HVAC dash panel)</i></p> 		

 <p>18-1474 HEATER VALVE TUBE CLIP Holds tube into New Style Kysor Heater Valve. O'ring #16-4215 for new style valve. OE# 1000241452</p>	 <p>18-1475 HEATER VALVE CLIP HOLDER Holds heater valve to heater core on New Style Kysor Heater Valve. O'ring #16-4215 for new style valve. OE# 1000555333</p>	 <p>15-3037 HEATER VALVE CLIP PLIERS Needed for replacing plastic clips on Kysor type heater valves.</p>
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