



Ice Machine Parts List for Series S600 Models

SD0602A

SY0604A

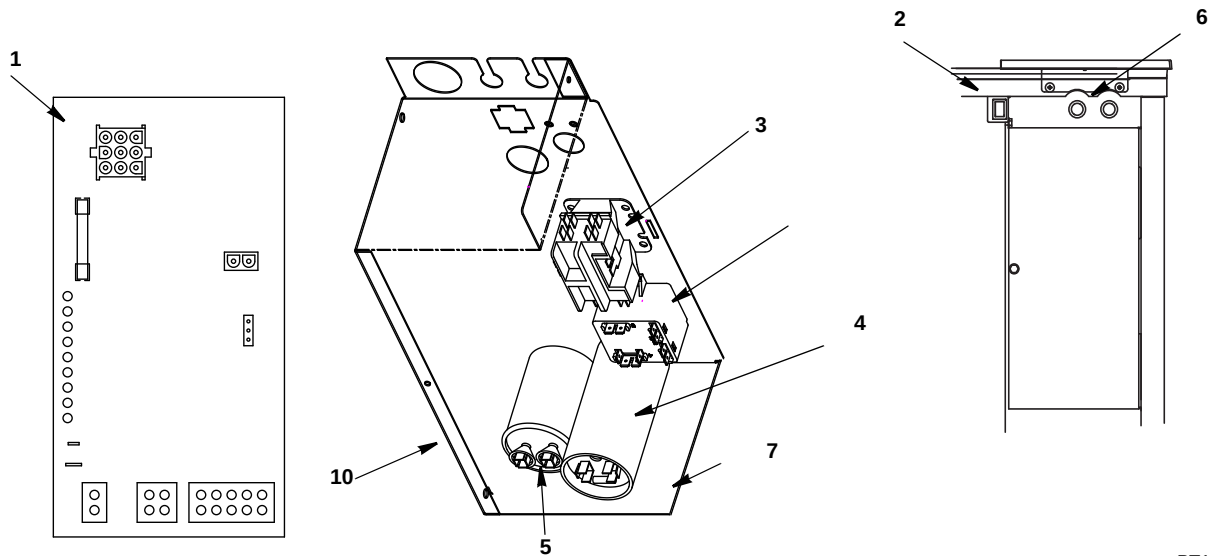
SD0603W

SY0605W

SD0692N

SY0694N

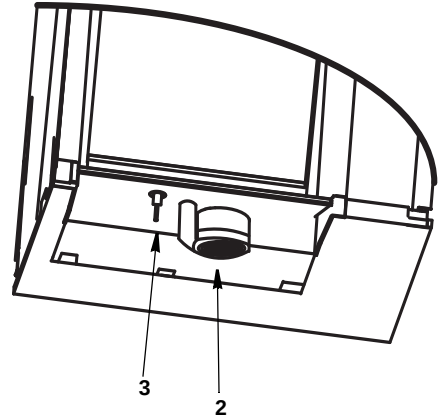
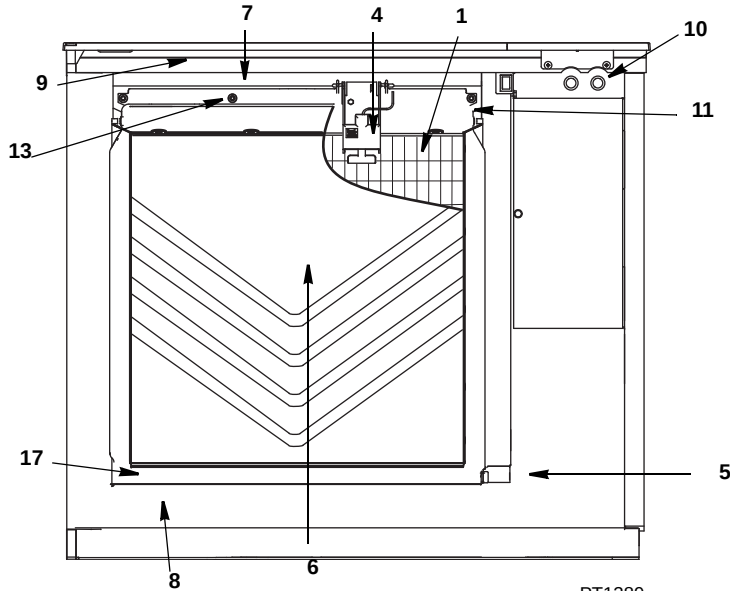
S600 CONTROL BOX



PT1388

1	Control Board (for use with all voltages)	20-0619-9
a.	7 Amp Fuse – Mounted on Control Board	25-1100-3
2	Toggle Switch Only	20-0793-9
a.	Toggle Switch Wiring Harness	20-0807-9
b.	Toggle Switch Box	40-1163-9
3	Contactor	
a.	208-230V/60 Hz/1 Ph or 230V/50 Hz/1 Ph	20-0659-9
4	P.T.C.R. Compressor Starter	85-0499-3
5	Compressor Run Capacitor	
a.	208-230V/50/60 Hz/1 Ph)	85-0393-3
6	Refrigeration Service Valve Assembly	83-7326-3
Miscellaneous – Brackets, Screws, etc.		
7	Control Box	76-0214-3
a.	Control Box Cover (Not shown)	76-0215-3
8	P.T.C.R. Compressor Starter Mounting Bracket	85-0501-3
9	Control Board Mounting Supports (Not shown)	43-0225-3
10	Capacitor Mounting Strap	602495-1
11	Screw, #10-24 x .50 Ground	52-0216-9
a.	Star Washer	55-7320-9
12	Screw, #10-24 x .50	52-0206-9
13	Control Box Wiring Harness (Not shown)	
a.	230/60/1.	20-0731-9
b.	230/50/1.	20-0732-9
c.	Ground Wire	20-0869-9

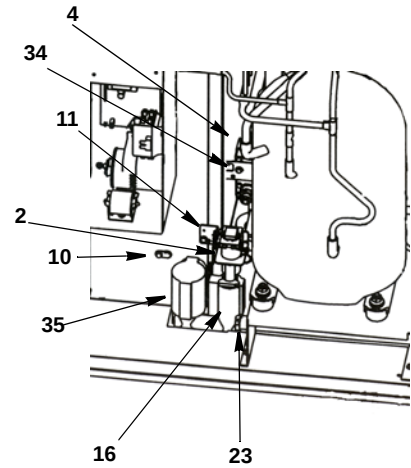
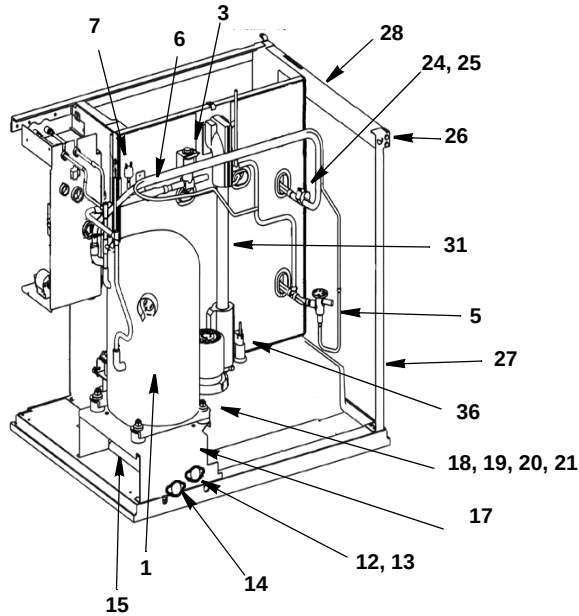
S600 EVAPORATOR COMPARTMENT



DESCRIPTION

	PART NO.
1 Evaporator Assembly	
a. Dice Cube	76-0283-9
b. Half Dice Cube	76-0284-9
c. Regular Cube	76-0285-9
2 Water Pump	
a. 230V/60/1 PH	20-0739-9
b. 230V/50/1 PH	82-5210-9
3 Water Level Probe	20-0654-9
a. Wire, control box to probe.	20-0798-9
4 Ice Thickness Control Probe	20-0802-9
5 Magnetic Bin Switch.	20-0681-9
6 Water Curtain	40-1097-9
7 Water Distribution Assembly	76-0219-3
a. O-Rings (Back of Distribution Assembly)	50-0464-9
8 Water Trough	40-0360-9
9 Evaporator Top Filler Panel	40-0846-9
a. Filler Panel Bracket.	606333-9
b. Bracket Screw.	52-0209-9
10 Access Valve	83-7326-3
11 Evaporator Top Frame Assembly	76-0220-3
12 Water Diverter	76-0221-3
Miscellaneous – Brackets, Screws, etc.	
13 Screw, (Water Distribution Tube Mounting) Each	50-0479-9
a. O-Ring.	50-0462-9
14 Screw, #12-16 x .687 (Used to Mount Evaporator) Each.	50-0461-9
15 Water Pump Base O-Ring	50-0465-9
16 Water Pump Outlet O-Ring	50-0467-9
17 Vinyl Tubing 0.625 ID (dump valve to drain adapter)	000001382
a. Insulation.	603883-1

S600 REFRIGERATION COMPARTMENT – COMMON PARTS



DESCRIPTION

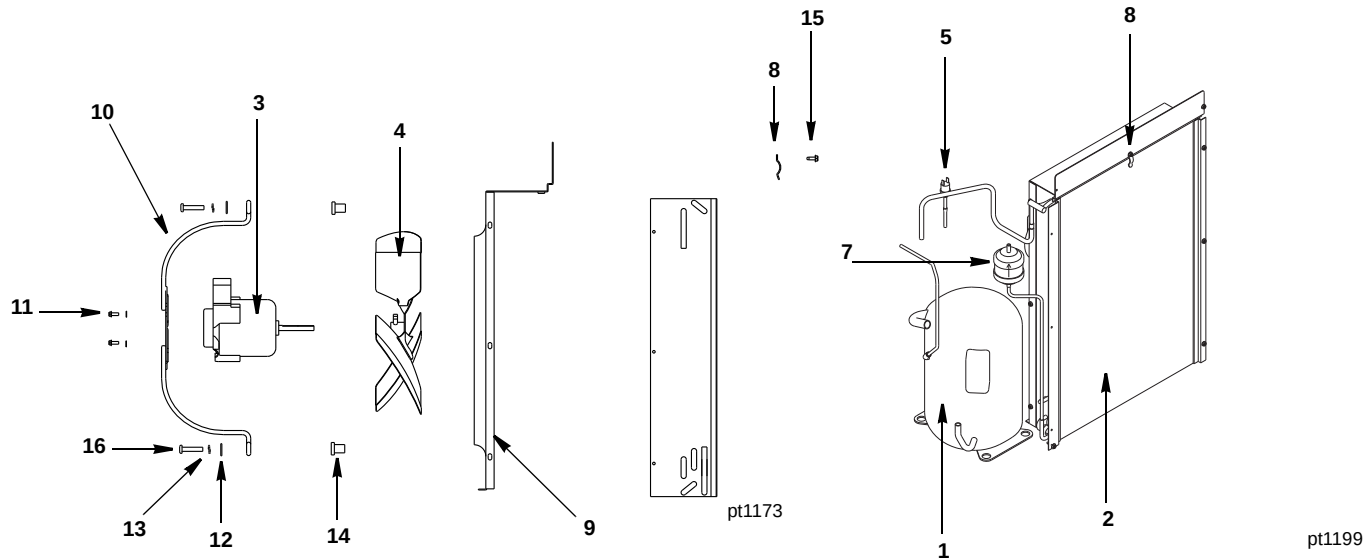
PART NO.

1 Compressor	
a. 208-230V/60 Hz/1 Ph	76-0291-3
b. 230V/50 Hz/1 Ph	76-0292-3
2 Water Dump Valve	
a. 208-230V/50-60 Hz	000001768
Dump Valve Rebuild Kit	No Longer Available
3 Harvest Valve Including Electrical Coil	
a. 208-230V/50-60 Hz	76-3009-1
Harvest Valve Coil Only	
a. 208-230V/50-60 Hz	20-0177-3
4 Water Inlet Valve with Coil	
a. 208-230V/50/60 Hz	000000378
5 Expansion Valve	76-0158-3
a. Expansion Valve Body Insulation Boot	40-0036-3
b. Expansion Valve Bulb Insulation Boot	40-0720-3
6 Manifold Strainer (in front of hot gas valve)	82-5104-9
7 High Pressure Cut-out (Auto Reset)	20-0124-3
8 Electrical Box on Rear of Ice Machine	
a. Box	Included in Back Panel Assembly
b. Terminal Block 3 Pole	20-0614-3
c. Groundscrew #10-24 x .50	52-0216-9
9 Compressor Compartment Wiring Harness	
a. Water	20-0732-9
b. Air	20-0731-9
c. Remote	20-0733-9
10 Bin Switch	20-0681-9

Miscellaneous – Brackets, Screws, etc.

11	Dump Valve Mounting Bracket.	605845-9
12	Water Inlet Valve Wing Adapter	87-0609-3
13	Water Inlet Valve Wing Adapter Plastic Fitting.	13-6096-1
14	Water Drain Female Wing Adapter	87-0608-3
15	Water Drain Clear Tubing, .625 ID x 12 inches	44-2038-3
16	Dump Valve Tubing (3.25 inches)	44-2038-3
17	Compressor Mounting Base.	606170-9
18	Compressor Mounting Rubber Grommet.	† 85-0306-9
19	Compressor Mounting Sleeve	85-0394-9
20	Compressor Mounting Bolt.	50-0481-9
21	Compressor Mounting Nut.	50-0482-9
22	Compressor Wiring Harness (Not Shown).	20-0852-9
23	Clamp, Water Drain	56-5070-9
24	Clamp, Expansion Valve Bulb	56-5052-9
25	Copper Bulb Strap	30-0050-3
26	Screw, #10-24 x .50	52-0206-9
27	Left Corner Post.	606293-9
28	Left Top Channel	606864-9
29	Right Corner Post (Not Shown)	606292-9
30	Right Top Channel (Not Shown).	606257-9
31	Water Pump Outlet Tubing.	40-0847-9
	a. Insulation Top	40-1172-9
	b. Clamp Top.	56-5053-9
	c. Insulation Bottom	40-1112-9
	d. Clamp Bottom	56-5066-3
32	Water Inlet Valve Tubing (Not Shown)	40-1043-9
33	Connector (Water inlet valve).	13-6098-9
34	Water Inlet Valve Bracket.	605845-9
35	Check Valve Replacement (includes water diverter, vinyl tubing & insulation)	000002473
36	Holder, Water Level Probe	20-0655-9
	a. Screw (mounts Water Level Probe Holder).	52-0206-9

S600 REFRIGERATION COMPARTMENT – AIR-COOLED



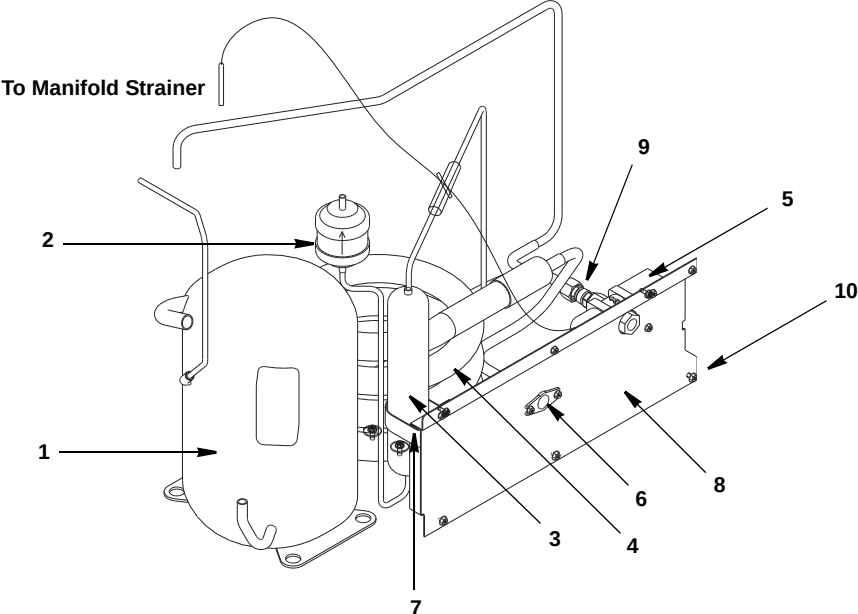
DESCRIPTION

	PART NO.
1 Compressor (Refer to COMMON PARTS Page)	Page S600-4
2 Air Condenser	82-5294-3
3 Fan Motor	
a. 208-230V/60 Hz or 230V/50 Hz	24-1293-9
4 Fan Blade	24-1617-3
5 Fan Cycling Control	20-0126-3
6 Air Filter (Not shown)	30-0568-9
7 Drier	89-3025-9

Miscellaneous – Brackets, Screws, etc.

8 Air Filter Clip	† 56-5069-9
9 Fan Shroud	606596-9
10 Fan Motor Mounting Bracket	34-0662-3
11 Fan Motor Mounting Screw	54-2913-9
12 Fan Bracket Mounting Lockwasher	† 55-4510-9
13 Fan Bracket Mounting Flatwasher	† 55-7305-9
14 Fan Bracket Mounting Rubber Wellnut	† 54-2955-9
15 Screw, #10-24 x .50	† 52-0206-9
16 Screw	50-3238-9

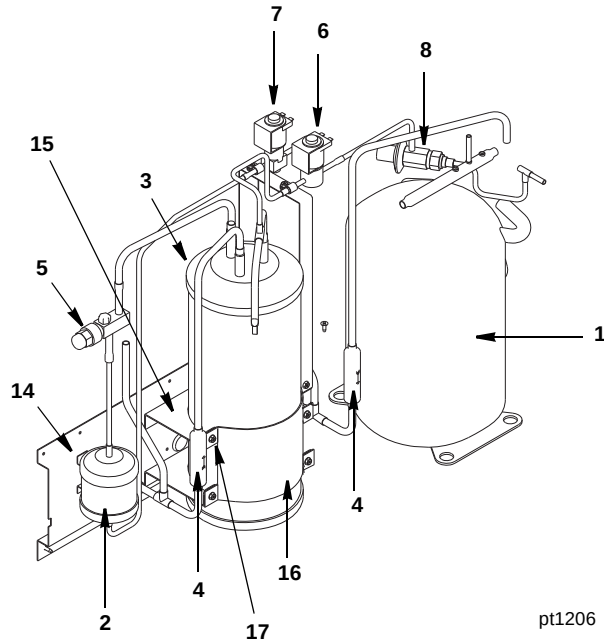
S600 REFRIGERATION COMPARTMENT – WATER-COOLED



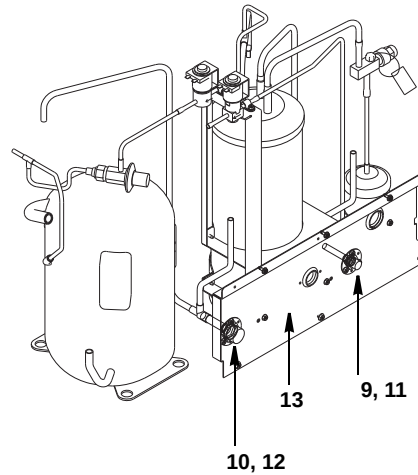
pt1200

DESCRIPTION	PART NO.
1 Compressor (Refer to COMMON PARTS Page)	Page S600-4
2 Drier	89-3025-9
3 Receiver	12-0003-1
4 Water-cooled Condenser	82-5303-9
5 Water Regulating Valve	83-7206-9
6 Water Drain Female Wing Adapter	87-0608-3
Miscellaneous – Brackets, Screws, etc.	
7 Receiver Strap	600054-1
8 Back Panel	606173-9
9 Elbow .50 MF x .375 MPT	50-0224-9
10 Screw, #10-24 x .50	52-0206-9
11 Washer (mount water condenser	55-7341-9
12 Base, Water Condenser/Receiver	605865-9

S600 REFRIGERATION COMPARTMENT – REMOTE



pt1206



pt1207

DESCRIPTION

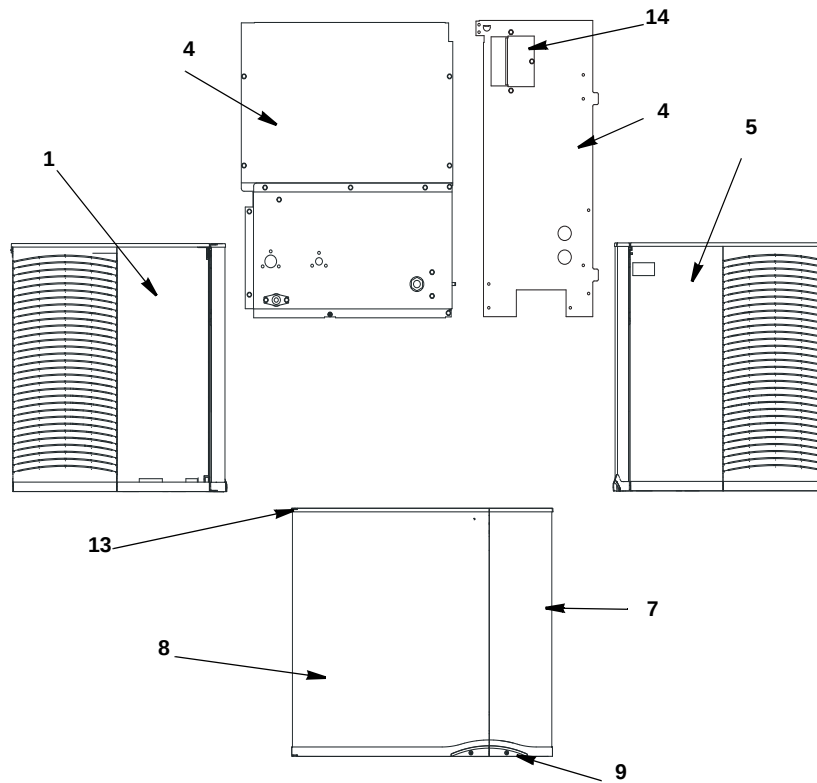
	PART NO.
1 Compressor (Refer to COMMON PARTS)	Page S600-4
2 Drier	89-3027-9
3 Receiver	82-5058-3
4 Magni-Check Valve	† 83-7314-9
5 Refrigeration Service Valve	† 83-7316-9
a. Cap for Refrigeration Service Valve	56-5075-9
6 Harvest Pressure Regulating Solenoid (HPR) Valve	
a. HPR Valve Including 208/230V 50/60 Hz Electrical Coil (Danfoss)	† 76-3006-1
b. HPR Valve 208/230V 50/60 Hz Coil Only Danfoss	20-0177-3
7 Liquid Line Solenoid (LLS) Valve	
a. LLS Valve Including 208/230V 50/60 Hz Electrical Coil (Danfoss)	† 76-3008-1
b. LLS Valve 208/230V 50/60 Hz Coil Only Danfoss	20-0177-3
8 Harvest Pressure Regulating Valve (HPR)	† 83-6779-3
9 Coupling – Male, 5/8-18	† 83-6034-3
10 Coupling – Male, 1-1/6-12	† 83-6035-3

Miscellaneous – Brackets, Screws, etc.

11 Coupling Mounting Flange for 5/8-18	83-6005-3
12 Coupling Mounting Flange for 1-1/16-12	83-6006-3
13 Back Panel	606173-9
14 Drier Support Bracket	56-5061-9
15 Receiver Mounting Bracket	606303-9
16 Receiver Mounting Strap	606314-9
17 Screw, #10-24 x .50	† 52-0206-9
18 Base (Receiver Mounting)	606304-9

† Refer to Cross Reference Guide

S600 PANELS



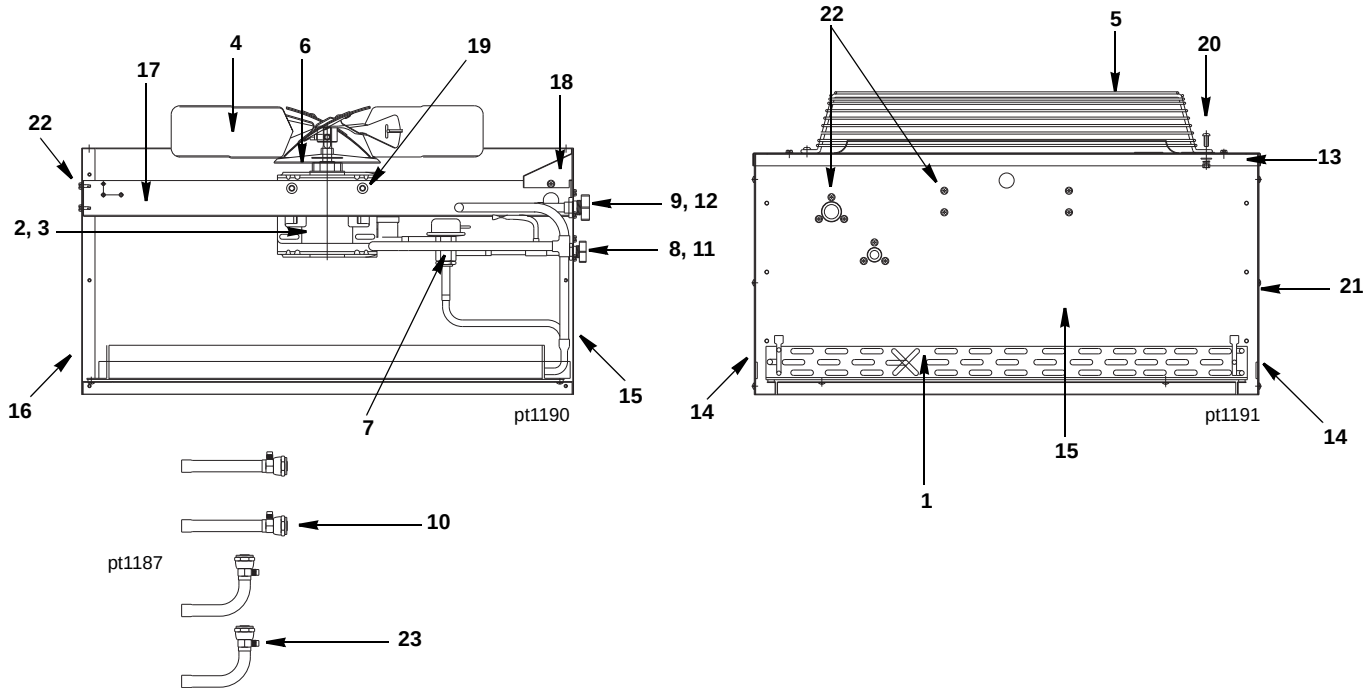
DESCRIPTION

	DESCRIPTION	PART NO.
1	Left Side Panel	606053-9
2	Air Baffle (Not Shown)	606077-9
3	Air Filter (Not Shown)	30-0568-9
4	Back Panel, Water or Remote	606605-9
	a. Back Panel, Air	606595-9
5	Right Side Panel	606052-9
6	Top Cover (Not Shown)	
	a. Up to SN110095752	40-1154-9
	b. After SN110095752	40-1548-3
7	Right Door	
	a. Up to SN110095752	606119-9
	b. After SN110095752	607166-1
8	Left Door	
	a. Up to SN110095752	606118-9
	b. After SN110095752	607165-1

Miscellaneous – Brackets, Screws, etc.

9	Right/Left Door Screw	50-0489-9
10	Front Top Support (Not shown)	
	a. Up to SN110095752	30-0563-9
	b. After SN110095752	000000295
	Mounting Screw Left Side 8-32 x 1	50-0537-9
	Mounting Screw Right Side 8-32 x .50	50-0509-9
	Front Cover Strike	30-0602-9
11	Bottom Door Frame (Not Shown)	76-0226-3
	a. Mounting Screw Left Side 8-32 x 1	50-0537-9
	b. Mounting Screw Right Side 10 x 24 x .50 PHIL	52-0209-9
12	Door Catch Bracket (RHD)	606236-9
	a. Mounting Screw 8-32 x .50 Phil	50-2624-9
13	Left Door Pivot Leaf Hinge (Top or Bottom)	30-0557-9
	a. Mounting Screw 10-24 x .5 TCS-23 PHIL/FL	50-0537-9
14	Electrical Connection Box Cover	Included in Back Panel Assembly
15	Sachet Holder (Not Shown - Inside Left Door)	40-0459-3
	a. Mounting Screws 8-32 x 3/8	50-0479-9
16	Top Air Discharge Kit Option (replaces standard top and side panels to discharge air out of top of machine)	K00379
	a. Top Cover Only	000000480
	b. Left Side Panel Only	606675-1
	c. Right Side Panel Only	606676-1
	d. Screws 10-24 x 1/2	52-0209-9

JC0895 REMOTE CONDENSER



DESCRIPTION

DESCRIPTION	PART NO.
1 Air Condenser	† 88-5062-9
2 Fan Motor (208-230V 50/60 Hz/1 Ph).	† 76-2941-3
3 Fan Motor Run Capacitor (Emerson)	85-0458-3
3 Fan Motor Run Capacitor (Magnatec)	85-0352-3
4 Fan Blade	24-1611-3
5 Fan Guard.	34-0064-3
6 Rain Slinger	24-1505-3
7 Head Pressure Control	83-6809-3
8 Coupling – Male, 5/8-18	† 83-6034-3
9 Coupling – Male, 1-1/6-12	† 83-6035-3
10 Female Line Set Coupling Kit (Sold as Finished Goods Sales Kit)	Sales K0129

Miscellaneous – Brackets, Screws, etc.

11 Coupling Mounting Flange (for 5/8-18)	83-6005-3
12 Coupling Mounting Flange (for 1-1/16-12)	83-6006-3
13 Top Cover	† 601775-1
14 Panel – Side	† 601774-1
15 Panel – Rear	† 601773-1
16 Panel – Front	† 601772-1
17 Fan Motor Mounting Bracket	† 601768-1
18 Electrical Box Cover	† 601776-1
19 Fan Motor Mounting Screw (5/16-18 x 5/8)	† 50-3565-9
a. Fan Motor Mounting Flatwasher	† 55-7309-9
b. Fan Motor Mounting Lockwasher	† 55-7313-9
c. Fan Motor Mounting Hexnut	54-2975-9
20 Fan Guard Mounting Screw (1/4-20 x 5/8)	† 50-3345-9
a. Fan Guard Mounting Flatwasher	† 55-7304-9
b. Fan Guard Mounting Lockwasher	† 55-4511-9
c. Fan Guard Mounting Hexnut	† 54-2952-9
21 Panel/Condenser Mounting Screw (#8 x 1/2)	† 51-2153-9
a. Panel/Condenser Mounting Lockwasher	† 55-4459-9
22 Screw (#10-24 x 1/2)	† 52-0206-9
23 Valve Cores (used in linesets)	76-2684-3
24 Legs (Not shown) (4 Req.)	† 601769-1

† Refer to Cross Reference Guide