



Manitowoc

Foodservice

Parts Manual

For more Parts Information:

<https://manitowocfsg.sysonline.com/Default.aspx>

TABLE OF CONTENTS

Manitowoc Foodservice [Updated: Sep. 30, 2013]

Manitowoc - Ice & Related

Parts Catalog

Ice Machine

RN Series

RN Model - QuietQube

RN1000C, RCU1075

RN1000C Control Box.....1

RN1000C Evaporator Compartment.....3

RN1000C Common Components.....6

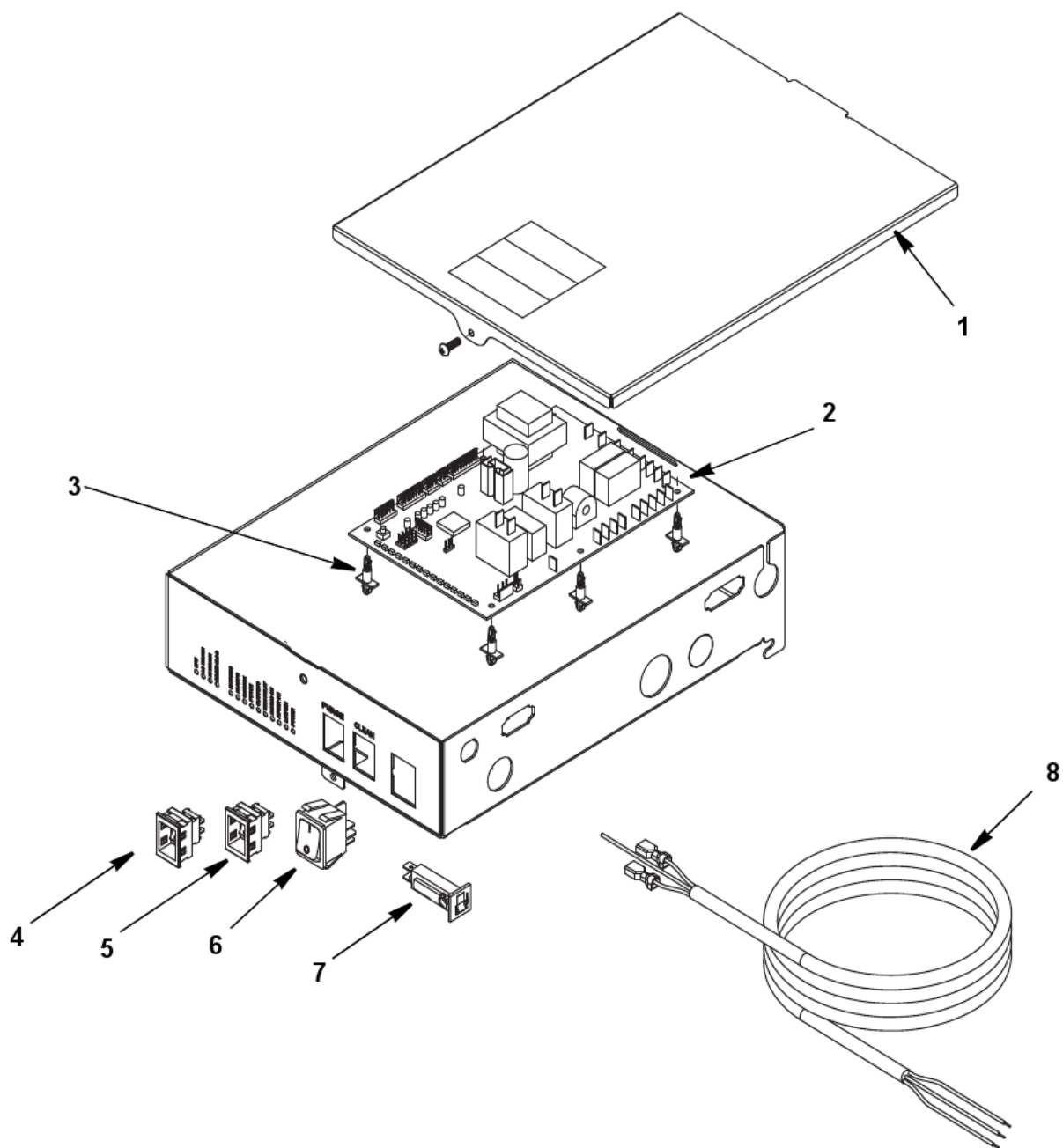
RN1000C Panels.....8

RCU1075 Remote Condenser.....10

RCU1075 Panels.....12

RN1000C, RCU1075

RN1000C CONTROL BOX



RN1000C, RCU1075

RN1000C CONTROL BOX

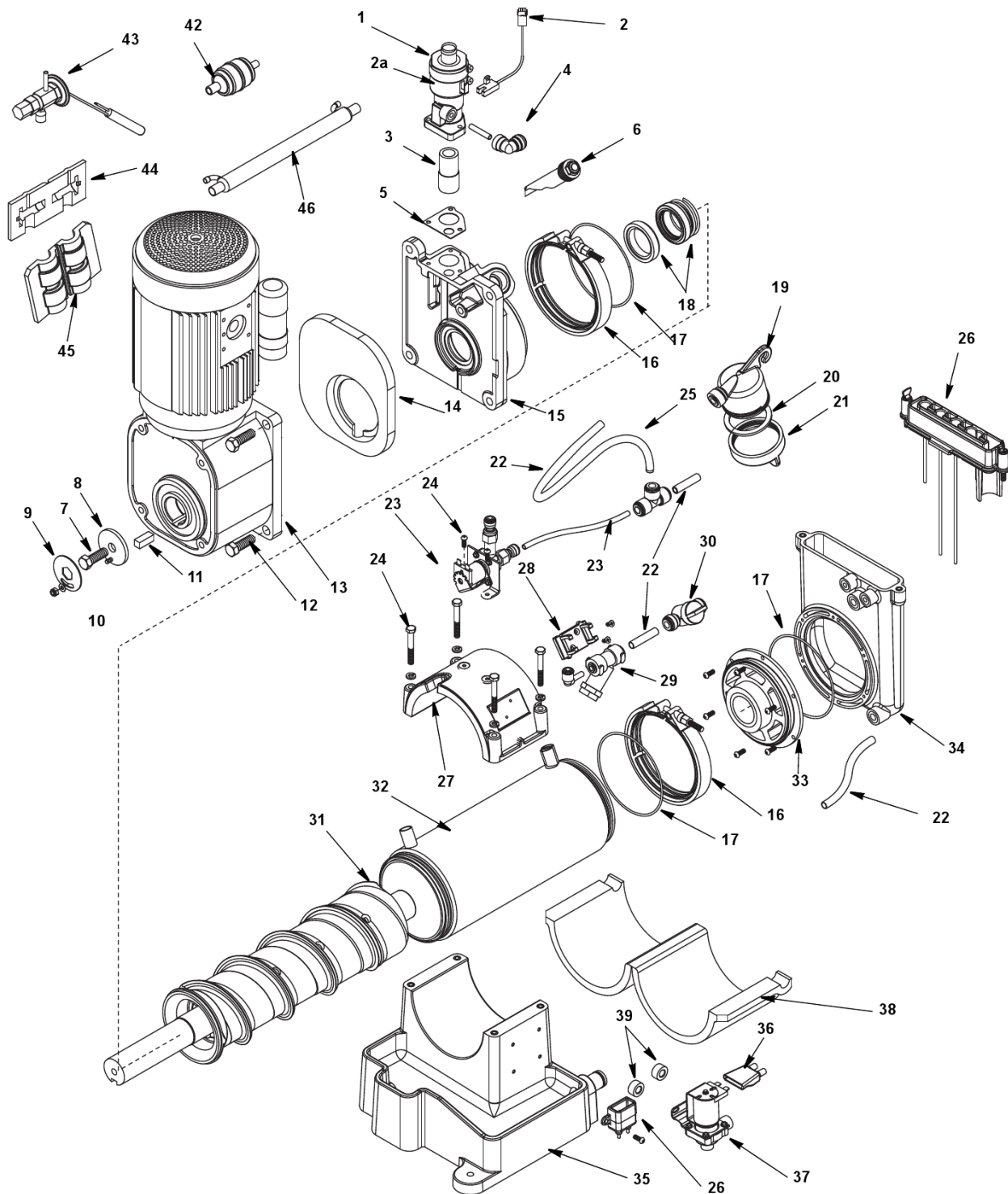
#	PART #	DESCRIPTION	QTY	Note
1	000007291	Cover, electrical box, air/water-cooled		
1	000007401	Cover, electrical box, remote		
2	000007402	Control Board - 120V		
3	000007293	Stand offs		[1]
4	000007301	Switch, Evaporator Purge		
5	000007302	Switch, Evaporator Clean		
6	000007303	Switch, Ice Machine Power		
7	000007403	Circuit Breaker - 8 amp		
8	000007404	Power Cord - 120V		

PART NOTES:

[1] - Set of 6

RN1000C, RCU1075

RN1000C EVAPORATOR COMPARTMENT



RN1000C, RCU1075

RN1000C EVAPORATOR COMPARTMENT

#	PART #	DESCRIPTION	QTY	Note
1	000007197	Shuttle Assembly		[1]
2	000007198	Optical Switch		
3	000007199	Compression Nozzle		
4	000007200	Water Elbow		
5	000007201	Shuttle Gasket		
6	000007202	Stream Divider		
7	000007204	Auger Bolt		
8	000007205	Auger Washer		
9	000007206	Auger Retainer		
10	000007207	Auger Bolt Kit		[2]
11	000007208	Auger Key		
12	000007209	Mounting Bolt		
13	000007453	Gearmotor - 120V		[3]
14	000007211	Gearmotor Gasket		
15	000007212	Main Housing		[4]
16	000007213	Coupling, V-band		
17	000007214	O-ring		
18	000007215	Seal - Auger Shaft		
19	000007216	Sanitizer Cup		
20	000007217	Gasket, Sanitizer		
21	000007218	Cap, Sanitizer		[5]
22	000007219	Water Tubing - 0.375" OD		
23	000007220	Water Tubing - 0.25" OD		
24	000007221	Hardware - Mounting Evaporator Cap		
24	000007562	Water Inlet Valve		[6]
25	000007225	Water Tee		
26	000007226	Sensor Assembly, Water Level and Drain Clog		
27	000007227	Evaporator Cap		[7]
28	000007228	Clip, Water Shut-off Valve		
29	000007229	Water Strainer		
30	000007230	Water Shut-off Valve		
31	000007231	Auger		[4]
32	000007232	Evaporator		[8]
33	000007243	Journal Housing and Bearing		[9]
34	000007244	Water Reservoir		
35	000007245	Evaporator Base		
36	000007246	Boot - Solenoid		
37	000007561	Purge Solenoid		[6]
38	000007248	Insulation - Evaporator		
39	000007249	Solenoid Spacers		
40	000007250	Insulation, Evaporator Cap		
41	000007251	Condensate Pan		

RN1000C, RCU1075

RN1000C EVAPORATOR COMPARTMENT

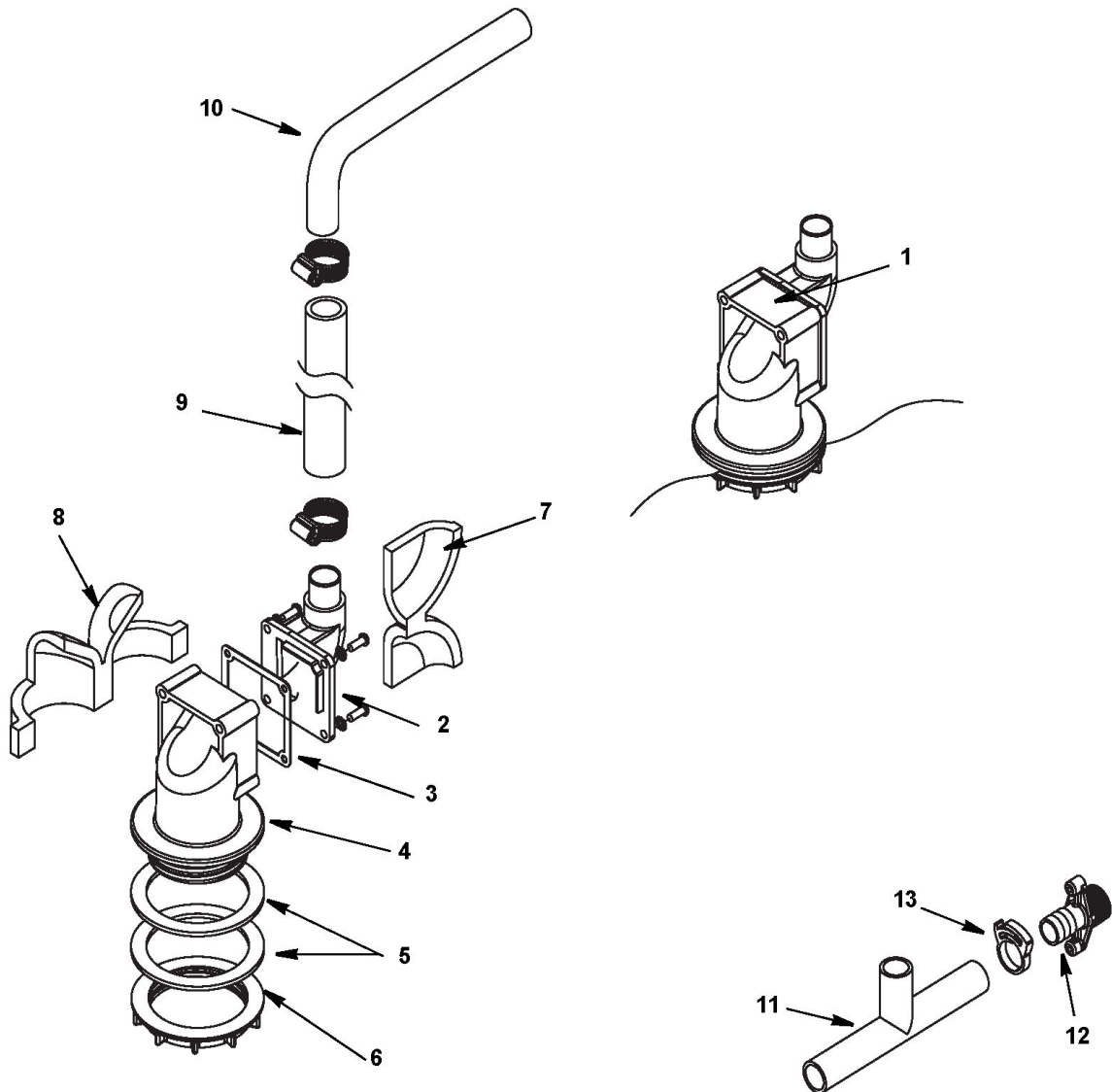
#	PART #	DESCRIPTION	QTY	Note
42	000007271	Drier		
43	000007273	Expansion Valve		
44	000007274	Expansion Valve Insulation		
45	000007269	Expansion Valve Bulb Insulation		
46	000007288	Heat Exchanger		

PART NOTES:

- [1] - Includes 000007201
- [2] - Auger Bolt, Washer, Retainer, Nut And Washer
- [3] - Includes Capacitor
- [4] - Includes 000007215 & 000007214
- [5] - Includes 000007217
- [6] - 120v
- [7] - Includes 000007250 & 000007221
- [8] - Includes 000007215 & (2) 000007214
- [9] - Includes (2) 000007214

RN1000C, RCU1075

RN1000C COMMON COMPONENTS



RN1000C, RCU1075

RN1000C COMMON COMPONENTS

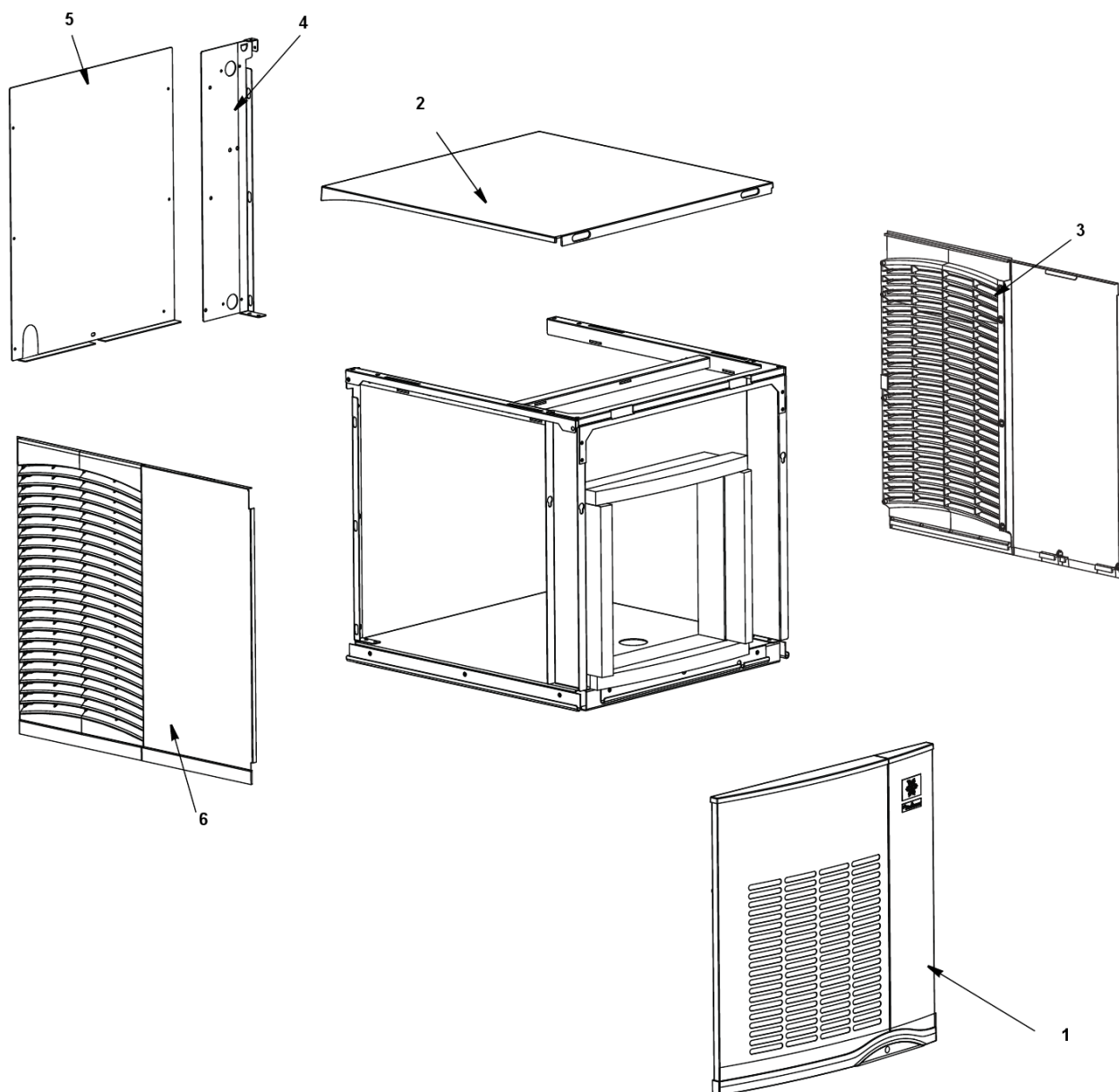
#	PART #	DESCRIPTION	QTY	Note
1	000007307	Shuttle Actuator		
2	000007309	Actuator Elbow		[1]
3	000007311	Gasket		
4	000007312	Actuator Body		
5	000007313	Gasket, Coupling		
6	000007319	Locking Ring		[2]
7	000007323	Insulation, Elbow		
8	000007324	Insulation, Actuator		
9	000007325	Ice Transport Tube - Top Mount 30"		
10	000007196	Ice Transport Tube		
11	000007363	Drain Tubing		
12	000007364	Drain Fitting		
13	000007375	Clamp - Drain Line		
14	000007365	Ice Making Water Inlet Fitting, Plastic		
15	000007355	Extension-fill Tube - 9"		[3]
16	000007356	Extension-fill Tube - 4"		[3]
17	K00417	Sani-Sponge Kit		[4]

PART NOTES:

- [1] - includes 000007311 and fasteners
- [2] - includes 000007313
- [3] - Extends into bin/dispenser
- [4] - Sponges and push rod

RN1000C, RCU1075

RN1000C PANELS



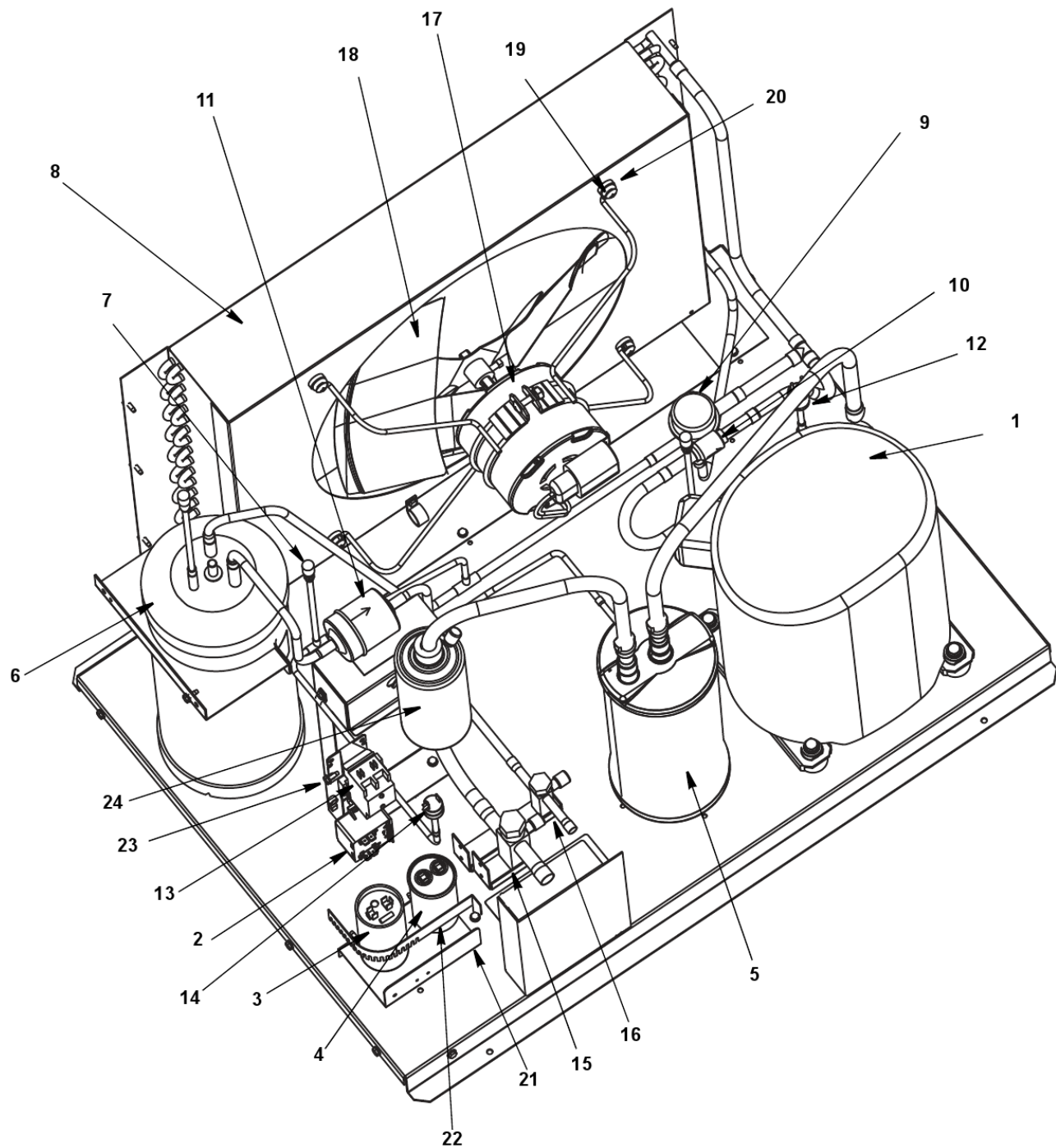
RN1000C, RCU1075

RN1000C PANELS

#	PART #	DESCRIPTION	QTY	Note
1	000006745	Front Panel		
2	000006737	Top Cover		
3	6060541	Right Side Panel		
4	6072361	Back Corner Channel Right		
5	000008371	Back Panel		
6	6060551	Left Side Panel		
7		Return Packaging		
7a	000009086	Cartoning		
7b	000009087	Skid		

RN1000C, RCU1075

RCU1075 REMOTE CONDENSER



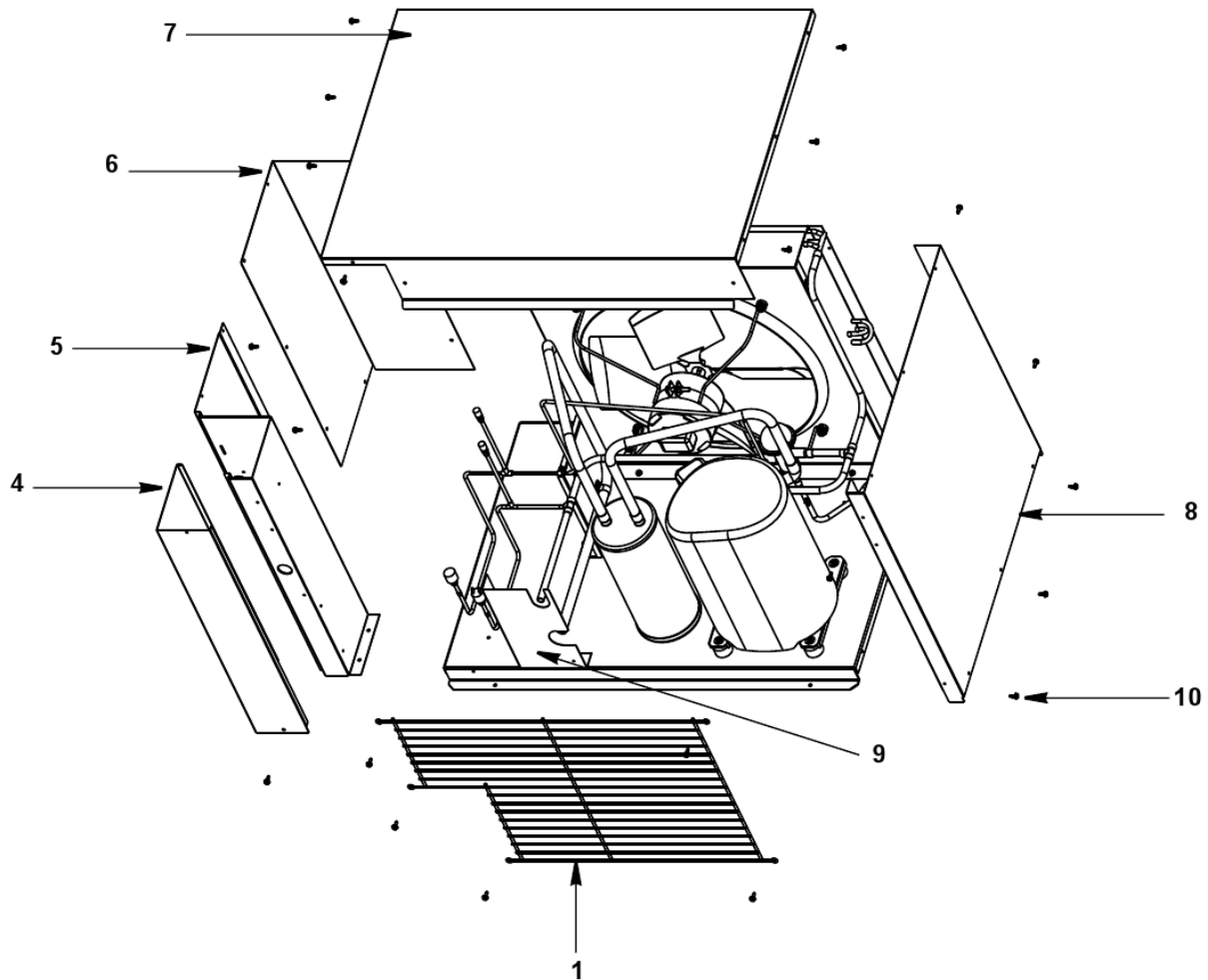
RN1000C, RCU1075

RCU1075 REMOTE CONDENSER

#	PART #	DESCRIPTION	QTY	Note
1		Compressor		
1a	7602293	Compressor - Copeland - 208-230V/60 Hz/1 Ph		
1b	7602303	Compressor - Copeland - 208-230V/60 Hz/3 Ph		
2	2007539	Start Potential Relay - 230V/50-60 Hz/1 Ph		
3	000006454	Start Capacitor - 50-60 Hz/1 Ph		
4	2010133	Run Capacitor - 115-230V/50-60 Hz/1 Ph		
5	000007280	Suction Accumulator		
6	7629573	Receiver		
7	8373253	Access Valve		
8	8851443	Air-cooled Condenser		
9	000002369	Head Pressure Control Valve		
10	000001289	Check Valve		
11	8253333	Drier		
12	2001243	High Pressure Cut-out Control		
13		Contactor		
13a	2006609	Contactor - 208-230V/50-60 Hz/1 Ph		
13b	2006619	Contactor - 230V/60 Hz/3 Ph		
14	2002229	Low Pressure Cut-out Control		
15	8373303	Manual Shut-Off Valve - Suction Line		
16	8373293	Manual Shut-off Valve - Liquid Line		
17	2000189	Fan Motor - 208-230V/60 Hz/1-3 Ph		
18	2416303	Fan Blade		
19	3006823	Fan Motor Mounting Bracket		
20	5429553	Condenser Fan Bracket Rubber Grommet		
21	6034981	Capacitor Mounting Bracket		
22	6021601	Capacitor Mounting Strap		
23	5650653	Ground Terminal		
24	8250539	Suction Line Filter		
25		Wiring Harness		
25a	000006532	Wiring Harness - 230V/60 Hz/1 Ph		
25b	2033083	Wiring Harness - 230V/60 Hz/3 Ph		
26	6000561	Receiver Mounting Bracket		
27	2007613	Compressor Plug		

RN1000C, RCU1075

RCU1075 PANELS



RN1000C, RCU1075

RCU1075 PANELS

#	PART #	DESCRIPTION	QTY	Note
1	3406893	Condenser Fan Guard		
2		Fan Motor		
2a	2000189	Fan Motor - 208-230V/60 Hz/1-3 Ph		
2b	2000583	Fan Motor - 208-230V/50 Hz/1 Ph		
3	2416303	Fan Blade		
4	6040171	Control Box Cover		
5	6037071	Control Box Panel		
6	6037291	Left Side Panel		
7	6034751	Cover Top		
8	6034701	Right Side Panel		
9	6042261	Condensing Unit Tube Shield		
10	5202069	Screw - #10-24 x 0.50" HEX		
11	6037041	Fan Shroud		
12	3006823	Fan Motor Mounting Bracket		
13	5033589	Mounting - Screw		
13a	5545119	Mounting - Lockwasher		
13b	5429529	Mounting - Hexnut		
14	5033589	Mounting - Screw		
14a	5545119	Mounting - Lockwasher		
14b	5573059	Mounting - Flatwasher		
14c	5429559	Mounting - Rubber Wellnut		
15	5202069	Screw - #10-24 x 0.50" HEX		[1]
16	000000768	Cartoning		

PART NOTES:

[1] - Used for Panel Attachment