

SEAWATER-COOLED CONDENSERS WITH REVERSE CYCLE-HEATING



Model ¹	RX5		RX7		RX10		RX12		RX16		RX20		RX24		RX30		RX36				RX48											
Capacity (BTU/h)	5000		7000		10000		12000		16000		20000		24000		30000		36000				48000											
Voltage (V) ²	115	230	240	115	115	240	230	230	240	115	115	230	240	230	220	380	230	230	220	230	220	230	230	460	230	220	380	230	220	230	460	380
Cycle (Hz)/Phase (Ph)	60/1	60/1	50/1	60/1	60/1	50/1	60/1	60/1	50/1	60/1	60/1	50/1	60/1	50/1	50/3	60/1	60/3	50/1	60/1	50/1	60/3	60/1	60/3	60/3	50/1	50/3	60/1	50/1	60/3	60/3	50/3	
Full Load Amps (FLA) Cool (A) ³	5	3.3	3	7	6.1	4.6	4.8	5.9	5.2	7.9	11.5	5.4	6.8	5.9	5.3	3.2	7	4.8	6.9	7.7	8.7	5.9	9.2	3.5	7.1	9.8	4	11.3	12.4	8.7	4.3	5.5
Full Load Amps (FLA) Heat (A)	6.2	4	3.7	7.7	8.2	5.6	5.7	6.8	5.8	9.1	13.5	6.4	8	7.4	6.6	4.1	8.6	6.2	8.5	9.6	10.6	6.6	11.6	4	7.9	12	5.1	16.6	17.3	11.3	5.7	6.5
Locked Rotor Amps (LRA) (A)	28	20	16	34	47	26	28	34	31	50	75	36	35	48	55	30	60	58	55	61	70	58	73	36	68	76	42	104	133	93	48	60
Max. Circuit Breaker (A)	28	10	10	20	30	15	15	20	10	35	40	15	20	30	30	10	35	25	30	40	35	25	45	15	30	40	15	60	60	45	20	20
Min. Circuit Ampacity (A)	7	7	7	13	18	11	11	13	9	21	25	11	13	18	19	8	22	15	19	24	22	17	28	10	15	24	11	39	38	25	12	14
Refrigerant Type	R417A		R417A		R417A		R417A		R417A		R417A		R417A		R417A		R417A				R417A											
Max. Height (in./mm)	12.5/318		12.5/318		12.5/318		12.5/318		12.5/318		12.5/318		16.75/426		16.75/426		16.75/426		16.75/426				16.8/426		16.8/426		17/431		16.8/426		16.8/426	
Width (in./mm)	12.2/310		12.2/310		12.2/310		12.2/310		12.2/310		12.2/310		15.75/401		15.75/401		15.75/401		15.75/401				15.75/401									
Depth-With Elec. Box (in./mm)	17.1/435		17.1/435		17.1/435		17.1/435		17.1/435		17.1/435		20.875/531		20.875/531		20.875/531		20.875/531				20.875/531									
Depth-Without Elec. Box (in./mm)	13.6/346		13.6/346		13.6/346		13.6/346		13.6/346		13.6/346		18.75/477		18.75/477		18.75/477		18.75/477				18.75/477									
Seawater Inlet Connection (in./mm)	0.625/16		0.625/16		0.625/16		0.625/16		0.625/16		0.625/16		0.625/16		0.625/16		0.625/16		0.625/16				0.625/16									
Refrigerant Line Connection-Discharge (in./mm)	0.25/7		0.25/7		0.25/7		0.25/7		0.25/7		0.25/7		0.375/10		0.375/10		0.375/10		0.375/10				0.375/10									
Refrigerant Line Connection-Suction (in./mm)	0.375/10		0.375/10		0.375/10		0.375/10		0.375/10		0.5/13		0.5/13		0.5/13		0.75/20		0.75/20				0.75/20									
Height-Electrical Box (in./mm)	11.12/283		11.12/283		11.12/283		11.12/283		11.12/283		11.12/283		16.54/421		16.54/421		16.54/421		16.54/421				16.54/421									
Width-Electrical Box (in./mm)	7.56/193		7.56/193		7.56/193		7.56/193		7.56/193		7.56/193		9/229		9/229		9/229		9/229				9/229									
Depth-Electrical Box (in./mm)	4.84/123		4.84/123		4.84/123		4.84/123		4.84/123		4.84/123		3.67/94		3.67/94		3.67/94		3.67/94				3.67/94									

¹ For a specific voltage, add the following after the capacity designator: 'C' for 230V/60Hz/1-Phase, 'CK' for 220-240/50Hz/1-Phase, 'D' for 230V/60Hz/3-Phase, 'E' for 460V/60Hz/3-Phase, and 'ECK' for 380V/50Hz/3-Phase. Adding nothing will indicate 115V/60Hz/1-Phase (not available for multi-ton models).

² 115V, 230V, and 440V 60Hz equipment can be operated at 100V, 200V, or 380V, respectively, in a 50Hz environment but at a 17% decrease in capacity. Full-rated capacity can be obtained by specifying "CK" (220V/50Hz) equipment.

³ Compressor starting current will vary with voltage but is approximately 3 to 4 times the full-load amps.

⁴ Width shown is for electrical box with Q-Logic control system (RQ models). Width of electrical box with SMX II control (RX models) is 7.53 in. (192 mm), and with SMX Net control (RN models) the width is 7.69 in. (196 mm).

⁵ Depth shown is for electrical box with Q-Logic control system (RQ models). Depth of electrical box with SMX II control (RX models) is 4.72 in. (120 mm), and with SMX Net control (RN models) the depth is 7.81 in. (199 mm).