

Copeland EazyCool™ Outdoor Condensing Units with Scroll Compressors

Copeland® air-cooled outdoor condensing units for medium temperature and low temperature applications.

Emerson Climate Technologies has developed this series of condensing units especially for outdoor use. The latest Scroll technology is combined with high quality components and covered by an absolutely weather resistant synthetic resin housing in a unique design.

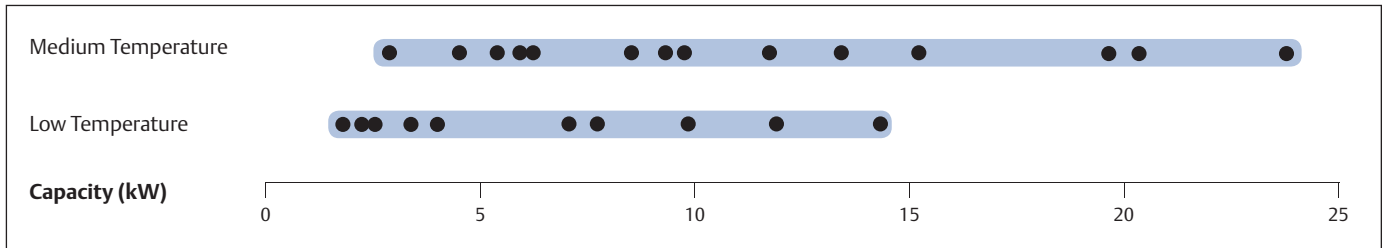
The EazyCool line-up offers state of the art technology and models featuring stepless capacity control, vapor injection and fan speed control. This makes it the first choice for target applications in food retail and food service:

- Proximity and convenience stores
- Mini markets and supermarkets
- Bars, restaurants and kitchens
- Beer cellars and beverage coolers



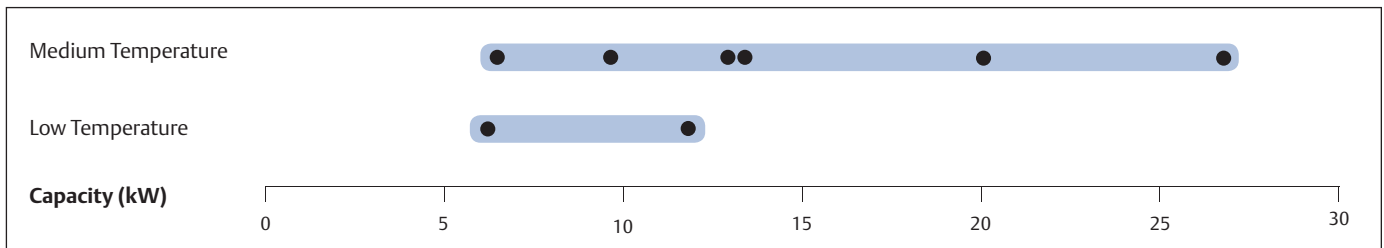
Copeland EazyCool™ Outdoor Condensing Units with Scroll Compressors

EazyCool™ OLQ/OMQ Line-up



Conditions EN13215 R404A: Evaporating Temperature MT -10°C/ LT - 35°C, Ambient Temperature 32°C, Suction Gas Return 20°C

EazyCool™ Digital Line-up



Conditions EN13215 R404A: Evaporating Temperature MT -10°C/ LT - 35°C, Ambient Temperature 32°C, Suction Gas Return 20°C

Features and Benefits

- Standard equipment: Scroll compressor(s), crankcase heater(s), condenser with thermally protected fan(s), fan speed control, HP and LP switch, liquid receiver, weather resistant housing
- Suitable for multiple refrigerants: R404A, R507, R134a, R407C, R22
- Wide range of quality accessories
- Excellent efficiency

Maximum Allowable Pressure (PS)

- Low Side PS 22.5 bar (g)
- High Side PS 28 bar (g)

Technical Overview

R404A	Capacity (kW)	Receiver Capacity (l)	Number of fans	Total Fan Motor Power (W)	Suction Line Diameter (inch)	Liquid Line Diameter (inch)	Width/Depth/Height (mm)	Net Weight (kg)	Motor Version/Code		Maximum Operating Current, A		Locked Rotor Current, A		Sound Pressure @10 m - d(BA)***
									1 Ph*	3 Ph**	1 Ph*	3 Ph**	1 Ph*	3 Ph**	
Medium Temperature Models															
OMQ-15	3.4	7.5	1	145	7/8"	1/2"	1050/630/720	74	PFJ	TFD	13	5	58	26	34
OMQ-21	4.6	7.5	1	145	7/8"	1/2"	1050/630/720	84	PFJ	TFD	16	7	82	40	35
OMQ-26	5.4	7.5	1	145	7/8"	1/2"	1050/630/720	85	PFJ	TFD	18	9	97	46	35
OMQ-30	6.0	7.5	1	145	7/8"	1/2"	1050/630/720	98	-	TFD	-	10	-	49	36
OMQ-38	8.2	7.5	1	145	7/8"	1/2"	1250/642/720	99	-	TFD	-	13	-	66	37
OMQ-45	9.2	7.5	1	145	7/8"	1/2"	1250/642/720	118	-	TFD	-	13	-	74	39
OMQ-56	11.5	17.7	2	290	1 3/8"	5/8"	2100/670/950	224	-	TWD	-	15	-	99	44
OMQ-75	15.3	17.7	2	290	1 3/8"	5/8"	2100/670/950	224	-	TWD	-	22	-	127	44
OMQ-92	20.5	17.7	2	550	1 3/8"	3/4"	2100/670/950	246	-	TWD	-	25	-	167	46
OMQ-110	23.7	17.7	2	550	1 5/8"	3/4"	2100/670/950	255	-	TWD	-	29	-	198	47
OMTQ-60	13.0	17.7	2	290	1 3/8"	5/8"	2100/670/950	209	-	TFD	-	2x10	-	2x49	42
OMTQ-76	15.1	17.7	2	290	1 3/8"	5/8"	2100/670/950	211	-	TFD	-	2x13	-	2x66	43
OMTQ-90	19.9	17.7	2	550	1 3/8"	3/4"	2100/670/950	225	-	TFD	-	2x13	-	2x74	45
Digital Medium Temperature Models															
OMQ-30D	6.2	7.5	1	145	7/8"	1/2"	1050/630/720	98	-	TFD	-	8	-	52	36
OMQ-45D	9.6	7.5	1	145	7/8"	1/2"	1250/642/720	118	-	TFD	-	12	-	74	39
OMTQ-60D	13.1	17.7	2	290	1 3/8"	5/8"	2100/670/950	209	-	TFD	-	8+10	-	52+49	42
OMTQ-90D	19.9	17.7	2	550	1 3/8"	3/4"	2100/670/950	225	-	TFD	-	11+13	-	2x74	45
Low Temperature Models															
OLQ-09	1.9	7.5	1	145	7/8"	1/2"	1050/630/720	83	-	TFD	-	6	-	40	34
OLQ-11	2.4	7.5	1	145	7/8"	1/2"	1050/630/720	86	-	TFD	-	7	-	46	35
OLQ-13	2.7	7.5	1	145	7/8"	1/2"	1050/630/720	96	-	TFD	-	8	-	52	36
OLQ-15	3.4	7.5	1	145	7/8"	1/2"	1250/642/720	100	-	TFD	-	10	-	64	37
OLQ-18	5.9	7.5	1	145	7/8"	1/2"	1250/642/720	119	-	TFD	-	13	-	74	39
OLQ-24V	7.2	17.7	2	290	1 3/8"	5/8"	2100/670/950	228	-	TWD	-	16	-	99	44
OLQ-33V	9.9	17.7	2	550	1 3/8"	5/8"	2100/670/950	228	-	TWD	-	21	-	127	44
OLQ-40V	11.9	17.7	2	550	1 3/8"	3/4"	2100/670/950	238	-	TWD	-	27	-	167	46
OLQ-48V	14.7	17.7	2	550	1 5/8"	3/4"	2100/670/950	259	-	TWD	-	31	-	198	47
OLTQ-26V	8.0	17.7	2	551	1 3/8"	5/8"	2100/670/950	221	-	TFD	-	2x9	-	2x51	42
OLTQ-36V	11.9	17.7	2	552	1 3/8"	3/4"	2100/670/950	235	-	TFD	-	2x14	-	2x74	45
Digital Low Temperature Models															
OLQ-18DV	5.9	7.5	1	145	7/8"	1/2"	2100/670/950	189	-	TFD	-	14	-	74	39
OLTQ-36DV	11.9	17.7	2	550	1 3/8"	3/4"	2100/670/950	235	-	TFD	-	2x14	-	2x74	45

Conditions EN13215: R404A, Evaporating Temperature MT -10°C/ LT -35°C, Ambient Temperature 32°C, Suction Gas Return 20°C

* 1 Ph: 230V/ 50Hz

** 3 Ph: 380-420V/ 50Hz

*** @ 10m: sound pressure level at 10m distance from the compressor, free field condition

Capacity Data

R404A	Cooling Capacity (kW)						
	Ambient Temperature: 32°C						
	Evaporating Temperature (°C)						
	-45	-35	-30	-20	-10	-5	5
Medium Temperature Models							
OMQ-15			1.4	2.3	3.4	3.9	5.2
OMQ-21			2.0*	3.3	4.6	5.3	6.7
OMQ-26			2.3*	3.9	5.4	6.2	8.1
OMQ-30		2.0*	2.6*	4.3	6.0	6.9	8.9
OMQ-38		2.7*	3.5	5.8	8.2	9.5	12.4
OMQ-45		3.1*	3.9*	6.6	9.2	10.6	13.7
OMQ-56			5.6*	8.3	11.5	13.4	17.4
OMQ-75				11.3	15.3	17.4	22.1
OMQ-92				10.2	14.9	20.5	30.7
OMQ-110				17.3	23.7	27.3	35.1
OMTQ-60		4.3*	5.5	9.4	13.1	15.1	19.6
OMTQ-76		5.1*	6.5	11.1	15.1	17.3	
OMTQ-90		6.5*	9.5	14.2	19.9	23.1	30.2
Low Temperature Models							
OLQ-09		1.9	2.3	3.3	4.5	5.2	6.6
OLQ-11		2.4	2.8	3.9	5.2	5.9	7.5
OLQ-13		2.7	3.3	4.7	6.3	7.1	9.0
OLQ-15		3.4	4.2	6.1	8.3	9.5	12.2
OLQ-18		4.1	5.0	7.1	9.6	10.9	13.8
OLQ-24V		7.2	8.8	12.3	16.4	18.6	23.3
OLQ-33V		9.9	12.0	16.9	22.8	26.2	33.7
OLQ-40V		11.9	15.0	21.5	28.5	32.1	39.3
OLQ-48V		14.7	17.7	24.1	30.9	34.4	
OLTQ-26V		8.0	9.7	13.9	19.3	22.5	30.1
OLTQ-36DV		11.9	14.1	19.5	26.4	30.6	
Digital Medium Temperature Models							
OMQ-30D			2.8*	4.6	6.2	7.0	8.8
OMQ-45D			3.6*	6.6	9.6	11.4	15.5
OMTQ-60D			5.7*	9.5	13.1	15.2	19.7
OMTQ-90D			7.9*	13.9	20.0	23.5	31.5
Digital Low Temperature Models							
OLQ-18DV		5.9	6.9	9.5	12.8	14.7	

R404A	Power Input (kW)						
	Ambient Temperature: 32°C						
	Evaporating Temperature (°C)						
	-45	-35	-30	-20	-10	-5	5
Medium Temperature Models							
OMQ-15			1.8	1.9	2.0	2.0	2.1
OMQ-21			2.5	2.8	3.0	3.1	3.4
OMQ-26			2.9	3.2	3.4	3.5	3.8
OMQ-30		3.3	3.4	3.8	4.1	4.3	4.7
OMQ-38		3.8	3.9	4.3	4.6	4.8	5.2
OMQ-45		4.5	4.6	5.1	5.5	5.7	6.2
OMQ-56			5.7	6.2	6.7	6.9	7.5
OMQ-75				8.2	9.3	9.8	10.9
OMQ-92				9.1	10.2	11.2	13.1
OMQ-110				12.7	14.1	14.8	16.4
OMTQ-60		6.2	6.4	7.0	7.5	7.8	8.4
OMTQ-76		8.1	8.4	9.3	10.1	10.6	
OMTQ-90		8.7	9.1	9.7	10.3	10.7	11.5
Low Temperature Models							
OLQ-09		2.0	2.0	2.3	2.6	2.7	3.2
OLQ-11		2.4	2.5	2.8	3.2	3.5	4.1
OLQ-13		2.6	2.7	3.1	3.6	3.9	4.5
OLQ-15		3.0	3.2	3.6	4.2	4.5	5.3
OLQ-18		3.7	3.9	4.4	5.0	5.3	6.1
OLQ-24V		5.6	6.0	6.9	7.9	8.6	10.1
OLQ-33V		7.5	7.9	8.9	10.0	10.7	12.3
OLQ-40V		8.7	9.9	12.0	14.1	15.1	17.5
OLQ-48V		11.2	12.2	14.8	18.2	20.3	
OLTQ-26V		6.3	6.6	7.3	8.1	8.5	9.4
OLTQ-36DV		8.8	9.4	10.9	12.6	13.6	
Digital Medium Temperature Models							
OMQ-30D			2.5	3.2	3.7	3.9	4.5
OMQ-45D			4.2	4.8	5.5	5.9	6.9
OMTQ-60D			5.6	6.5	7.2	7.5	8.3
OMTQ-90D			8.7	9.6	10.4	10.9	12.1
Digital Low Temperature Models							
OLQ-18DV		4.5	4.9	5.8	7.0	7.7	

Conditions: EN13215: Suction Gas Return 20°C, Subcooling 0K

* Conditions: EN13215: Suction Superheat 10K

Capacity Data

R407C	Cooling Capacity (kW)						
	Ambient Temperature: 32°C						
	Evaporating Temperature (°C)						
	-45	-35	-30	-20	-10	-5	5
Medium Temperature Models							
OMQ-15-TFD				1.9*	2.9	3.5	4.9
OMQ-21-PFJ				2.4*	3.8*	4.7	6.5
OMQ-21-TFD				2.7*	4.1*	4.9	6.9
OMQ-26-PFJ					4.3*	5.1*	7.2
OMQ-26-TFD				2.8*	4.4*	5.5	7.8
OMQ-30-TFD				3.4*	5.3*	6.4	8.9
OMQ-38-TFD				4.1*	6.8*	8.5	12.2
OMQ-45-TFD				5.9*	8.0*	10.0	13.8
OMQ-56-TWD				6.9*	10.4*	12.7	17.4
OMQ-75-TWD				9.3*	13.7*	16.2*	22.2
OMQ-92-TWD				12.0*	17.8*	21.7	29.6
OMQ-110-TWD				14.2*	21.1*	25.6	34.7
OMTQ-60-TFD				7.2*	11.3*	13.9	19.3
OMTQ-76-TFD				8.1*	12.9*	15.7*	22.3
OMTQ-90-TFD				10.6*	17.0*	21.0	29.3

R407C	Power Input (kW)						
	Ambient Temperature: 32°C						
	Evaporating Temperature (°C)						
	-45	-35	-30	-20	-10	-5	5
Medium Temperature Models							
OMQ-15-TFD				1.4	1.5	1.6	1.7
OMQ-21-PFJ				2.2	2.4	2.6	2.9
OMQ-21-TFD				2.3	2.5	2.7	3.0
OMQ-26-PFJ					3.0	3.2	3.7
OMQ-26-TFD				2.4	2.6	2.8	3.1
OMQ-30-TFD				2.9	3.3	3.6	4.1
OMQ-38-TFD				3.2	3.6	3.8	4.4
OMQ-45-TFD				3.9	4.4	4.7	5.4
OMQ-56-TWD				5.3	5.8	6.1	6.6
OMQ-75-TWD				6.7	7.7	8.2	9.4
OMQ-92-TWD				8.4	9.4	10.0	11.1
OMQ-110-TWD				10.6	12.0	12.8	14.4
OMTQ-60-TFD				5.6	6.2	6.6	7.4
OMTQ-76-TFD				6.8	7.8	8.4	9.8
OMTQ-90-TFD				7.8	8.6	9.1	10.1

Conditions: EN13215: Suction Gas Return 20°C, Subcooling 0K

* Conditions: EN13215: Suction Superheat 10K

R134a	Cooling Capacity (kW)						
	Ambient Temperature: 32°C						
	Evaporating Temperature (°C)						
	-45	-35	-30	-20	-10	-5	5
Medium Temperature Models							
OMQ-15-TFD				1.4	2.2	2.7	3.9
OMQ-21-PFJ				1.8	3.0	3.6	5.1
OMQ-21-TFD				2.0	3.1	3.8	5.4
OMQ-26-PFJ				2.0*	3.3	4.0	5.7
OMQ-26-TFD				2.3	3.6	4.4	6.3
OMQ-30-TFD				2.5*	4.2	5.1	7.2
OMQ-38-TFD				3.1*	5.3	6.5	9.4
OMQ-45-TFD				3.9*	6.3	7.7	11.0
OMQ-56-TWD				4.6*	7.3*	9.1	13.0
OMQ-75-TWD				6.4*	9.8*	12.3	17.2
OMQ-92-TWD				8.1*	12.6*	15.7	22.2
OMQ-110-TWD				9.9*	15.2*	19.0	26.6

R134a	Power Input (kW)						
	Ambient Temperature: 32°C						
	Evaporating Temperature (°C)						
	-45	-35	-30	-20	-10	-5	5
Medium Temperature Models							
OMQ-15-TFD				1.0	1.1	1.1	1.2
OMQ-21-PFJ				1.4	1.5	1.6	1.7
OMQ-21-TFD				1.4	1.5	1.6	1.8
OMQ-26-PFJ				1.8	1.9	2.0	2.1
OMQ-26-TFD				1.6	1.7	1.8	2.0
OMQ-30-TFD				1.9	2.0	2.1	2.4
OMQ-38-TFD				2.1	2.3	2.4	2.6
OMQ-45-TFD				2.5	2.7	2.9	3.2
OMQ-56-TWD				3.3	3.6	3.7	4.0
OMQ-75-TWD				4.0	4.6	4.9	5.6
OMQ-92-TWD				5.4	5.9	6.2	6.8
OMQ-110-TWD				6.6	7.3	7.8	8.6

Conditions: EN13215: Suction Gas Return 20°C, Subcooling 0K

* Conditions: EN13215: Suction Superheat 10K

Capacity Data

R22	Cooling Capacity (kW)						
	Ambient Temperature: 32°C						
	Evaporating Temperature (°C)						
	-45	-35	-30	-20	-10	-5	5
Medium Temperature Models							
OMQ-15-TFD				2.1*	3.4	4.0	5.5
OMQ-21-PFJ				2.4*	4.1*	5.0	7.1
OMQ-21-TFD				2.9*	4.6*	5.4	7.3
OMQ-26-PFJ					4.9*	5.8*	7.9
OMQ-26-TFD				3.4*	5.1*	6.2	8.5
OMQ-30-TFD				3.1*	5.3*	6.7	9.5
OMQ-38-TFD				4.8*	7.5*	9.2	12.9
OMQ-45-TFD				6.0*	9.3*	11.1	14.9
OMQ-56-TWD				8.1*	11.7*	14.0	19.0
OMQ-75-TWD					14.9*	17.5*	23.5
OMQ-92-TWD				13.8*	20.0*	23.7	32.2
OMQ-110-TWD				16.4*	23.5	27.8	37.3
OMTQ-60-TFD				6.3*	11.1*	14.0	20.4
OMTQ-76-TFD				9.4*	14.3*	17.3	24.0
OMTQ-90-TFD				12.9*	19.3*	23.1	31.5
Low Temperature Models							
OLQ-09-TFD	1.1	1.8	2.3	3.3	4.7	5.5	7.2
OLQ-11-TFD	1.4	2.2	2.8	4.0	5.6	6.4	
OLQ-13-TFD	1.7	2.6	3.2	4.7	6.6	7.6	10.0
OLQ-15-TFD	2.1	3.3	4.0	6.0	8.4	9.8	13.1
OLQ-18-TFD	2.3	3.8	4.7	6.9	9.8	11.4	15.1

R22	Power Input (kW)						
	Ambient Temperature: 32°C						
	Evaporating Temperature (°C)						
	-45	-35	-30	-20	-10	-5	5
Medium Temperature Models							
OMQ-15-TFD				1.5	1.6	1.7	1.8
OMQ-21-PFJ				2.2	2.4	2.5	2.7
OMQ-21-TFD				2.4	2.5	2.7	3.1
OMQ-26-PFJ					3.0	3.1	3.5
OMQ-26-TFD				2.5	2.7	2.9	3.1
OMQ-30-TFD				3.0	3.3	3.5	4.0
OMQ-38-TFD				3.2	3.6	3.8	4.3
OMQ-45-TFD				4.0	4.6	4.9	5.5
OMQ-56-TWD				5.2	5.9	6.3	7.1
OMQ-75-TWD					8.8	9.5	11.0
OMQ-92-TWD				8.7	9.9	10.6	11.9
OMQ-110-TWD				10.7	12.3	13.3	15.2
OMTQ-60-TFD				5.7	6.2	6.5	7.3
OMTQ-76-TFD				6.9	7.8	8.3	9.6
OMTQ-90-TFD				8.6	9.2	9.5	10.4
Low Temperature Models							
OLQ-09-TFD	1.9	2.0	2.1	2.3	2.6	2.7	3.1
OLQ-11-TFD	2.1	2.3	2.4	2.7	3.1	3.4	
OLQ-13-TFD	2.5	2.7	2.8	3.1	3.6	3.8	4.5
OLQ-15-TFD	2.9	3.1	3.2	3.6	4.0	4.3	5.1
OLQ-18-TFD	3.7	3.9	4.1	4.5	5.1	5.5	6.4

Conditions: EN13215: Suction Gas Return 20°C, Subcooling 0K

* Conditions: EN13215: Suction Superheat 10K