



Applications

Copeland Scroll Condensing Units for Outdoor Use are suitable for medium or low temperature refrigeration applications.

- Cold and freeze stores
- Supermarkets
- Mini-markets
- Petrol station forecourts
- Restaurants
- Beer cellars

Product range

The full range consists of 23 models suitable for medium temperature and 16 models for low temperature applications. The range (2 to 15 hp) is available as low sound version with sound pressure levels from 33 to 47 dBA at 10 meters. Models from 7.5 to 15 hp are available as single compressors as well as two compressor units, the latter providing 50% modulation. Two compressor units are standard fitted with a capacity staging controller, which controls on basis of suction pressure.

Copeland Scroll Outdoor Condensing Units The Key to your success

- Quick and Easy installation
- Low Sound
- High energy efficiency

Medium Temperature

OMQ	Unit Data					
	Model	Nominal Horse Power	Cooling Capacity ⁽¹⁾	C.O.P.	Sound Pressure Level @ 10m	Net/Gross Weight
Low Sound	HP	kW		dBA	kg	mm
Single compressor units						
OMQ-15	2,3	3,3	1,73	33	87 / 102	630 x 1050 x 720
OMQ-21	3,0	5,0	1,80	34	97 / 114	630 x 1050 x 720
OMQ-26	3,5	5,5	1,64	36	97 / 114	630 x 1050 x 720
OMQ-30/-30D	4,0	6,6	1,78	36	107 / 126	630 x 1050 x 720
OMQ-38	5,0	7,7	1,56	38	108 / 127	630 x 1050 x 720
OMQ-45/-45D	6,0	9,4	1,76	41	124 / 146	642 x 1250 x 720
OMQ-56	7,5	12,2	1,96	44 ⁽³⁾	234 / 278	670 x 2100 x 950
OMQ-75	10,0	16,6	1,93	44 ⁽³⁾	234 / 278	670 x 2100 x 950
OMQ-92	13,0	20,6	1,83	46 ⁽³⁾	244 / 288	670 x 2100 x 950
OMQ-110	15,0	23,8	1,69	47 ⁽³⁾	253 / 297	670 x 2100 x 950
Two-compressor units						
OMTQ-60/-60D	2 x 4	14,1	2,03	42 ⁽³⁾	216 / 260	670 x 2100 x 950
OMTQ-76	2 x 5	16,6	1,82	43 ⁽³⁾	218 / 262	670 x 2100 x 950
OMTQ-90/-90D	2 x 6	19,9	1,92	45 ⁽³⁾	222 / 266	670 x 2100 x 950

Low Temperature

OLQ	Unit Data					
	Model	Nominal Horse Power	Cooling Capacity ⁽²⁾	C.O.P.	Sound Pressure Level @ 10m	Net/Gross Weight
Low Sound	HP	kW		dBA	kg	mm
Single compressor units						
OLQ-09	3,0	1,9	0,99	33	94 / 111	630 x 1050 x 720
OLQ-11	3,5	2,4	1,04	36	97 / 114	630 x 1050 x 720
OLQ-13	4,0	2,7	1,06	38	105 / 124	630 x 1050 x 720
OLQ-15	5,0	3,4	1,10	40	109 / 128	630 x 1050 x 720
OLQ-18	6,0	4,2	1,15	40	125 / 147	642 x 1250 x 720
OLQ-24V	7,5	7,3 ⁽³⁾	1,34	44 ⁽³⁾	226 / 270	670 x 2100 x 950
OLQ-33V	10,0	9,8 ⁽³⁾	1,30	44 ⁽³⁾	226 / 270	670 x 2100 x 950
OLQ-40V	13,0	11,9 ⁽³⁾	1,36	46 ⁽³⁾	236 / 280	670 x 2100 x 950
OLQ-48V	15,0	14,4 ⁽³⁾	1,22	47 ⁽³⁾	245 / 289	670 x 2100 x 950
Two-compressor units						
OLTQ-26V	2 x 4	7,9 ⁽³⁾	1,26	42 ⁽³⁾	218 / 262	670 x 2100 x 950
OLTQ-36V	2 x 6	11,9 ⁽³⁾	1,36	45 ⁽³⁾	226 / 270	670 x 2100 x 950

⁽¹⁾ R404A, Evaporating -10°C, Ambient Temperature 32°C, Suction Gas Temperature 20°C

⁽²⁾ R404A, Evaporating -35°C, Ambient Temperature 32°C, Suction Gas Temperature 20°C

⁽³⁾ Preliminary data

D = Unit with Copeland Digital Scroll™ compressor

For more details, see www.eCopeland.com



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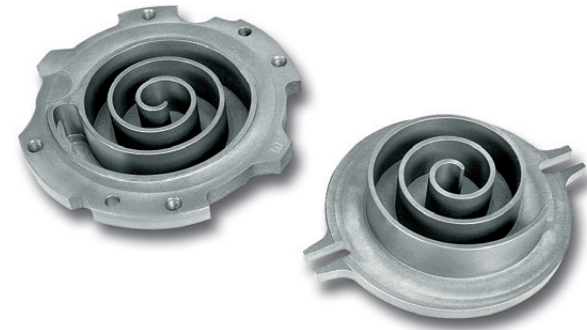
2-5 hp



6 hp



7.5-15 hp



Copeland Scroll Condensing Units for Outdoor use: the key to your success

Copeland has extended its range of Copeland Scroll Condensing Units for Outdoor Use. A full range is now available from 2 to 15 hp.

Quick and Easy installation

Easily accessible components as well as a complete and large pre-wired electrical panel ensure quick installation, resulting in low on site installation and commissioning costs.

Fully equipped units

All system protection and electrical components are pre-installed in the unit, again minimising valuable installation time on site.

Low sound

Copeland Scroll Outdoor Condensing Units achieve low sound emission levels, using a high performance and specially designed compressor sound blanket in combination with low speed fans.

Even lower sound is possible using an Alco Controls® fan speed controller.

Easy access to all refrigeration components

Easy access to electrical panel



Sickle Blade Fan, contributes to low sound

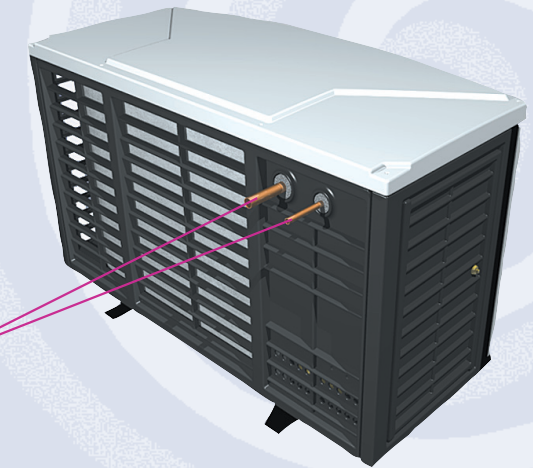
Our commitment to reduce on site installation time

High Energy Efficiency

Second generation Copeland Scroll compressors are being used on all models:

- Medium temperature units are provided with high efficiency ZB Copeland Scroll compressors.
- Low temperature models are fitted with latest technology ZF scroll compressors. Models from 7.5 hp and up use enhanced vapour injection. A factory fitted liquid sub-cooler in these models ensures highest energy efficiency and increased cooling capacities.

Copper suction and liquid line connections extend outside the unit, making quick and efficient brazing possible.



Go!