

Condensing Unit

JCU Series - Copeland scroll compressor



CONDENSING
UNITS

JCU SERIES

R404A / R22

-15°C / +10°C

1 Quick installation

Fully packaged condensing unit for outdoor easy assembling and space saving.

2 Silent operation

Built-in sound-absorbing insulation pads to reduce noise and minimize vibration.

3 Sturdy and durable

Powder coated casing providing extended corrosion resistance and durability.



High efficiency Copeland scroll compressor⁽¹⁾ for maximum reliability and optimized performances.

⁽¹⁾ Other brand compressors are available on request.



Equipped with high quality components (liquid receiver, filter drier, pressure switch, oil separator, etc.) for longer service life, minimum maintenance needs.



Air cooled condenser consist of copper tubes and anti-corrosion hydrophilic-coated aluminum fins to provide optimum heat exchange capability.

Condensing Unit

JCU Series - Copeland scroll compressor

Copeland ZB series compressor | Application -15°C / +10°C | R22

Model	Compressor		Condenser				Suction	Liquid
	Model	HP	Qty of fan	Air flow m³/h	Power supply	Fan power W		
JCU-2M	ZB15KQ-TFD	2	1	1 x 3200	220V / 380V-3F-50Hz	1 x 60	5/8"	3/8"
JCU-3M	ZB21KQ-TFD	3	1	1 x 3200	220V / 380V-3F-50Hz	1 x 60	5/8"	3/8"
JCU-4M	ZB29KQ-TFD	4	2	2 x 3200	220V / 380V-3F-50Hz	2 x 60	3/4"	1/2"
JCU-5M	ZB38KQ-TFD	5	2	2 x 3200	380V-3F-50Hz	2 x 60	3/4"	1/2"
JCU-6M	ZB45KQ-TFD	6	2	2 x 3200	380V-3F-50Hz	2 x 60	3/4"	1/2"

Model	Compressor		Cooling capacity at evaporating temperature, W			Dimension, mm		
	Model	HP	+5°C	-5°C	-12°C	L	W	H
JCU-2M	ZB15KQ-TFD	2	5190	4050	2930	970	410	835
JCU-3M	ZB21KQ-TFD	3	7110	5840	4050	970	410	835
JCU-4M	ZB29KQ-TFD	4	11000	7300	5450	970	410	1330
JCU-5M	ZB38KQ-TFD	5	12510	9270	6880	970	410	1330
JCU-6M	ZB45KQ-TFD	6	15210	11600	8790	970	410	1330

(1) Cooling capacity is on basis of ambient temperature 32°C.

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Model	Compressor		Condenser				Suction	Liquid
	Model	HP	Qty of fan	Air flow m³/h	Power supply	Fan power W		
JCU-2M	ZB15KQE-TFD	2	1	1 x 3200	220V / 380V-3F-50Hz	1 x 60	5/8"	3/8"
JCU-3M	ZB21KQE-TFD	3	1	1 x 3200	220V / 380V-3F-50Hz	1 x 60	5/8"	3/8"
JCU-4M	ZB29KQE-TFD	4	2	2 x 3200	220V / 380V-3F-50Hz	2 x 60	3/4"	1/2"
JCU-5M	ZB38KQE-TFD	5	2	2 x 3200	380V-3F-50Hz	2 x 60	3/4"	1/2"
JCU-6M	ZB45KQE-TFD	6	2	2 x 3200	380V-3F-50Hz	2 x 60	3/4"	1/2"

Model	Compressor		Cooling capacity at evaporating temperature, W			Dimension, mm		
	Model	HP	+5°C	-5°C	-12°C	L	W	H
JCU-2M	ZB15KQE-TFD	2	5270	3750	2920	970	410	835
JCU-3M	ZB21KQE-TFD	3	7910	5100	4100	970	410	835
JCU-4M	ZB29KQE-TFD	4	10450	7000	5600	970	410	1330
JCU-5M	ZB38KQE-TFD	5	12250	8850	7200	970	410	1330
JCU-6M	ZB45KQE-TFD	6	13400	10100	8060	970	410	1330

(1) Cooling capacity is on basis of ambient temperature 32°C.

Dimensions

