

CONDENSING UNIT SPECIFICATION SHEET

Condensing Unit Details

Model	JEHR-0140-B2-M-1
Application	Medium Temperature

Electrical Supply

230V / 1Ph / 50Hz

Weights & Dimensions

Width	1101 mm
Depth	444 mm
Height	662 mm
Mounting Dims.	703 mm (W) x 408 mm (D)
Weight (Dry)	67 kgs

Compressor Data

Type	CAJ4517Z
Swept Volume	4.52 m ³ /h
Oil Charge	0.48 litres
Nom. Current (A)	5.3
MCC (A)	12.7
LRC (A)	38.5

Fan Motors

No.	1
FLC (A)	0.6

Condenser Coil

Type	Microchannel
Volume	0.51 litres

Liquid Receiver

Volume	4.5 litres
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Airflow

Volume	2700 m ³ /h
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Applicable Refrigerants

R404A/R407A/R407F/R448A/R449A/R452A

Unit Connections

Liquid	3/8"
Suction	1/2"

Sound Pressure Level @ 10m (-10°C/+32°C)

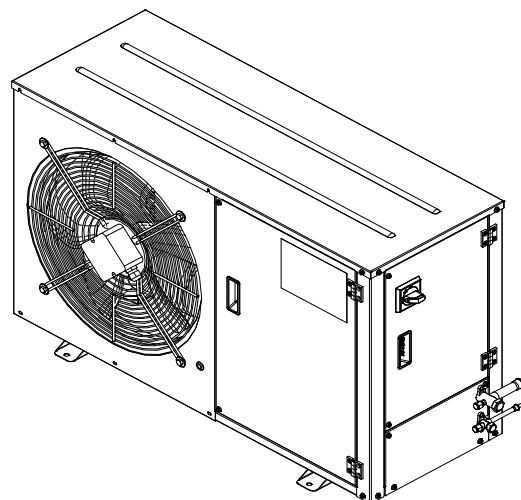
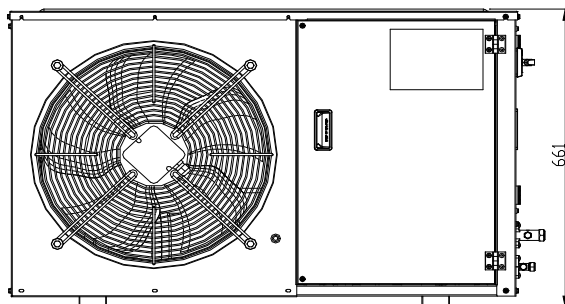
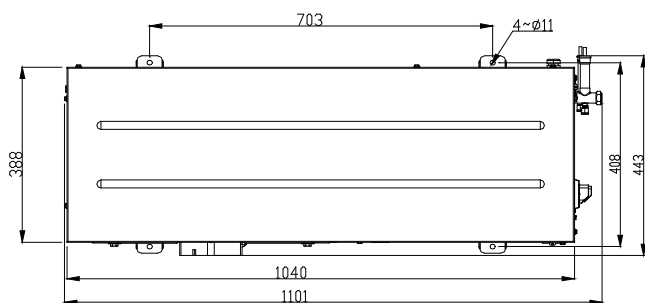
32 dB(A)

Performance Data at -10°C/+32°C Conditions

	Capacity (W) 10K SH	Capacity (W) 20°C RGT
R404A	2186	2422
R407A	1734	1919
R407F	1873	2075
R448A	2016	2149
R449A	2016	2149
R452A	1995	2196

1/1 Octave Sound Pressure Levels @ 1 meter from the unit

Frequency							
125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	A (dBA)
52.0	53.3	52.9	44.8	38.0	29.9	25.6	51.7



Product Information based on the requirements of Commission Regulation EU 2015/1095

Model : JEHR-0140-B2-M-1

Refrigerant fluid:		R407A	R407F	R448A	R449A	R452A	
Item	Symbol	Value					Unit
Evaporating temperature*	t	-10					°C
Parameters at full load and ambient temperature 32 °C							
Rated cooling capacity	P_A	1.92	2.08	2.15	2.15	2.20	kW
Rated power input	D_A	1.11	1.07	1.03	1.03	1.15	kW
Rated COP	COP_A	1.74	1.93	2.09	2.09	1.92	
Parameters at full load and ambient temperature 25 °C							
Cooling capacity	P_2	1.94	2.15	2.36	2.36	2.41	kW
Power input	D_2	1.04	0.97	0.98	0.98	1.10	kW
COP	COP_2	1.87	2.22	2.42	2.42	2.18	
Parameters at full load and ambient temperature 43 °C							
Cooling capacity	P_3	1.79	1.85	1.79	1.79	1.83	kW
Power input	D_3	1.15	1.17	1.11	1.11	1.20	kW
COP	COP_3	1.56	1.58	1.62	1.62	1.52	
Other items							
Capacity control	Fixed						
Coefficient of degradation for fixed and staged capacity units*	Cd	0.25					
Contact details	Daikin Refrigeration Malaysia Sdn. Bhd. Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan.						

Note: Published data based on condition - Return Gas Temperature 20° C



6RC0140EM-ABBA-55