

Condensing Unit Details

Model	JEHR-0170-H2-M-3
Application	Medium Temperature

Electrical Supply

400V / 3Ph / 50Hz

Weights & Dimensions

Width	1101 mm
Depth	444 mm
Height	662 mm
Mounting Dims.	703 mm (W) x 408 mm (D)
Weight (Dry)	68 kgs

Compressor Data

Type	AJ4519P-TZ1A
Swept Volume	6.00 m ³ /h
Oil Charge	0.48 litres
Nom. Current (A)	2.8
MCC (A)	5.4
LRC (A)	23.0

Fan Motors

No.	1
FLC (A)	0.6

Condenser Coil

Type	Microchannel
Volume	0.51 litres

Liquid Receiver

Volume	4.5 litres
PED Cat.	I (A1) / II (A2L)

Airflow

Volume	2700 m ³ /h
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Applicable Refrigerants

R448A/R449A/R452A/R454C/R455A

Unit Connections

Liquid	3/8"
Suction	5/8"

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

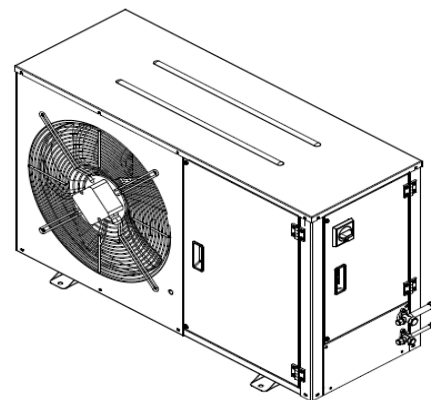
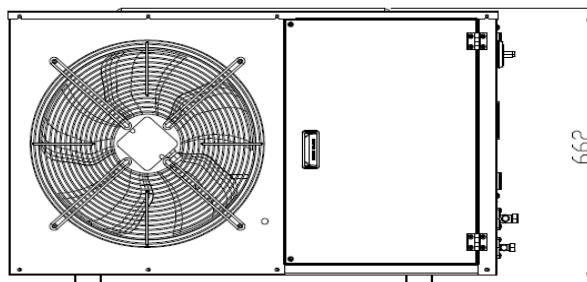
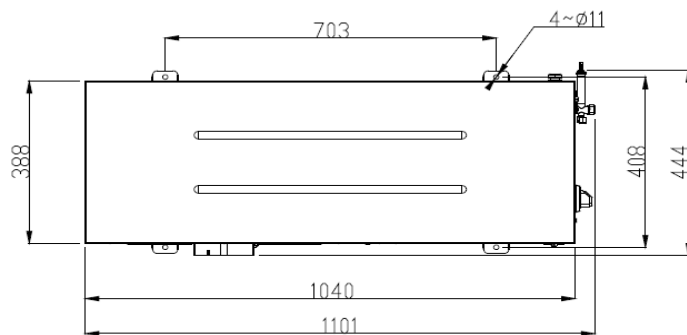
33 dB(A)

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

	Capacity (W) 10K SH		Capacity (W) 20°C RGT	
	Dew	Mid	Dew	Mid
R448A	2399	2598	2572	2770
R449A	2399	2598	2572	2770
R452A	2423	2537	2688	2803
R454C	1832	2001	2017	2187
R455A	2073	2437	2249	2612

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)
54.3	56.2	50.6	47.2	41.2	35.1	28.4	52.9



Ecodesign 2018 Condensing Unit Information

Model: JEHR-0170-H2-M-3

Refrigerant fluid:		R448A	R449A	R452A	R455A	R454C	
Item	Symbol	Value					Unit
Evaporating temperature*	t	-10					°C
Parameters at full load and ambient temperature 32°C							
Rated cooling capacity	P_A	2.87	2.87	2.98	2.86	2.41	kW
Rated power input	D_A	1.50	1.50	1.60	1.47	1.38	kW
Rated COP	COP_A	1.91	1.91	1.87	1.95	1.74	
Parameters at full load and ambient temperature 25°C							
Cooling capacity	P_2	3.09	3.09	3.24	3.24	2.75	kW
Power input	D_2	1.45	1.45	1.55	1.40	1.33	kW
COP	COP_2	2.13	2.13	2.09	2.32	2.07	
Parameters at full load and ambient temperature 43°C							
Cooling capacity	P_3	2.52	2.52	2.58	2.26	1.93	kW
Power input	D_3	1.58	1.58	1.67	1.55	1.45	kW
COP	COP_3	1.59	1.59	1.54	1.45	1.33	
Other items							
Capacity control	Fixed						
Coefficient of degradation for fixed and staged capacity units*	C_d	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 mid point condition - Return Gas Temperature 20°C

RJ0110030015386

6RC0170HM-FBBA-55