

CONDENSING UNIT SPECIFICATION SHEET

Condensing Unit Details

Model	JEHS-0300-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)	74 kgs

Compressor Data

Type	ZB21KQE-PFJ
Swept Volume	8.60 m ³ /h
Oil Charge	1.45 litres
Nom. Current (A)	12.2
MCC (A)	21.5
LRC (A)	82.0

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

R134a/R404A/R407A/R407F/R448A/R449A

Unit Connections

Liquid	3/8"
Suction	3/4"

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

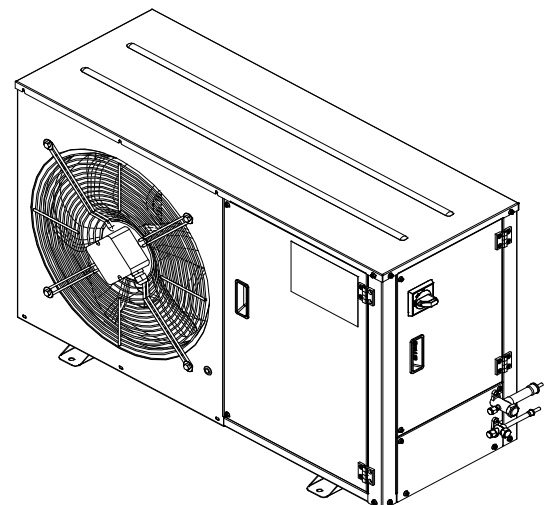
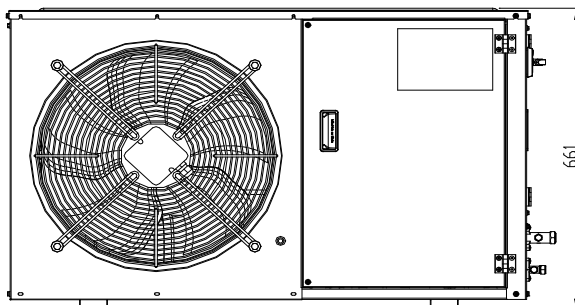
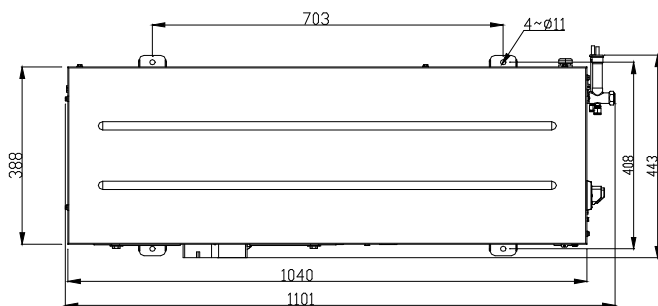
36 dB(A)

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

	Capacity (W) 10K SH	Capacity (W) 20°C RGT
R134a	3090	n/a
R404A	4920	5290
R407A	4650	n/a
R407F	4500	4630
R448A	4570	4730
R449A	4570	4730

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)
61.3	57.4	53.6	50.2	47.5	39.3	32.0	56.0



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

Model : JEHS-0300-B2-M-1

Refrigerant fluid:		R404A	
Item	Symbol	Value	Unit
Evaporating temperature*	t	-10	°C
Annual electricity consumption	Q	12093	kWh/a
Seasonal Energy Performance Ratio	$SEPR$	2.69	
Parameters at full load and ambient temperature 32 °C (Point A)			
Rated cooling capacity	P_A	5.29	kW
Rated power input	D_A	2.62	kW
Rated COP	COP_A	2.02	
Parameters at part load and ambient temperature 25 °C (Point B)			
Declared cooling capacity	P_B	5.680	kW
Declared power input	D_B	2.380	kW
Declared COP	COP_B	2.39	
Parameters at part load and ambient temperature 15 °C (Point C)			
Declared cooling capacity	P_C	6.200	kW
Declared power input	D_C	2.090	kW
Declared COP	COP_C	2.97	
Parameters at part load and ambient temperature 5 °C (Point D)			
Declared cooling capacity	P_D	6.480	kW
Declared power input	D_D	1.940	kW
Declared COP	COP_D	3.34	
Parameters at full load and ambient temperature 43 °C			
Cooling capacity	P_3	4.42	kW
Power input	D_3	3.21	kW
Declared COP	COP_3	1.38	
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 condition - Return Gas Temperature 20° C



6SC0300EM-ABBA-55

Refrigerant fluid:		R407F	R448A	R449A	
Item	Symbol	Value			Unit
Evaporating temperature*	t	-10			°C
Parameters at full load and ambient temperature 32 °C					
Rated cooling capacity	P_A	4.63	4.73	4.73	kW
Rated power input	D_A	2.66	2.56	2.56	kW
Rated COP	COP_A	1.74	1.85	1.85	
Parameters at full load and ambient temperature 25 °C					
Cooling capacity	P_2	5.09	5.07	5.07	kW
Power input	D_2	2.31	2.27	2.27	kW
COP	COP_2	2.21	2.23	2.23	
Parameters at full load and ambient temperature 43 °C					
Cooling capacity	P_3	N/A	4.12	4.12	kW
Power input	D_3	N/A	3.14	3.14	kW
COP	COP_3	N/A	1.31	1.31	
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.				