

Condensing Unit Details

Model	JEHS-0300-B2-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)	74 kgs

Compressor Data

Type	ZB21KQE-TFD
Swept Volume	8.60 m ³ /h
Oil Charge	1.45 litres
Nom. Current (A)	4.4
MCC (A)	10.3
LRC (A)	40.0

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"

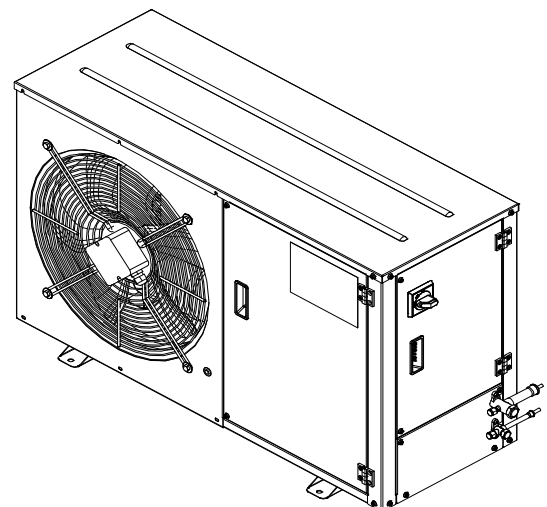
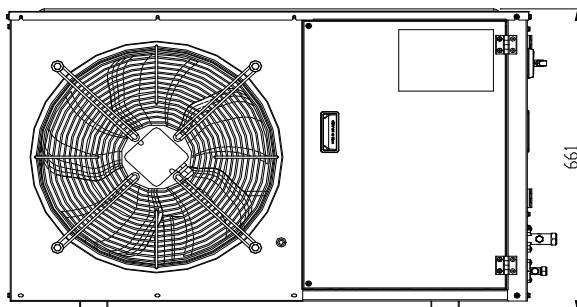
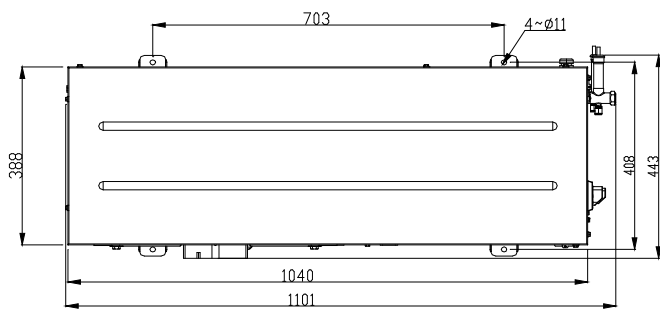
Sound Pressure Level @ 10m (-10°C/+32°C)

36 dB(A)

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

	Capacity (W) 10K SH	Capacity (W) 20°C RGT
R134a	3060	n/a
R404A	4890	5240
R407A	4540	n/a
R407F	4450	4580
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-3

Refrigerant fluid:		R404A	
Item	Symbol	Value	Unit
Evaporating temperature*	t	-10	°C
Annual electricity consumption	Q	11486	kWh/a
Seasonal Energy Performance Ratio	$SEPR$	2.80	
Parameters at full load and ambient temperature 32 °C (Point A)			
Rated cooling capacity	P_A	5.24	kW
Rated power input	D_A	2.52	kW
Rated COP	COP_A	2.08	
Parameters at part load and ambient temperature 25 °C (Point B)			
Declared cooling capacity	P_B	5.570	kW
Declared power input	D_B	2.310	kW
Declared COP	COP_B	2.41	
Parameters at part load and ambient temperature 15 °C (Point C)			
Declared cooling capacity	P_C	6.260	kW
Declared power input	D_C	1.925	kW
Declared COP	COP_C	3.25	
Parameters at part load and ambient temperature 5 °C (Point D)			
Declared cooling capacity	P_D	6.340	kW
Declared power input	D_D	1.885	kW
Declared COP	COP_D	3.36	
Parameters at full load and ambient temperature 43 °C			
Cooling capacity	P_3	4.37	kW
Power input	D_3	3.10	kW
Declared COP	COP_3	1.41	
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.		

Refrigerant fluid:		R407A	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	4.69	4.58	4.73	4.73	kW
Rated power input	D_A	2.45	2.71	2.56	2.56	kW
Rated COP	COP_A	1.92	1.69	1.85	1.85	
Parameters at full load and ambient temperature 25 °C						
Cooling capacity	P_2	5.00	5.06	5.07	5.07	kW
Power input	D_2	2.22	2.37	2.27	2.27	kW
COP	COP_2	2.26	2.14	2.23	2.23	
Parameters at full load and ambient temperature 43 °C						
Cooling capacity	P_3	N/A	N/A	4.12	4.12	kW
Power input	D_3	N/A	N/A	3.14	3.14	kW
COP	COP_3	N/A	N/A	1.31	1.31	
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