

CONDENSING UNIT SPECIFICATION SHEET

Condensing Unit Details

Model JEHS-0400-B3-M-3
Application Medium Temperature

Electrical Supply

400V / 3Ph / 50Hz

Weights & Dimensions

Width 1353 mm
Depth 575 mm
Height 872 mm
Mounting Dims. 945 mm (W) x 500 mm (D)
Weight (Dry) 119 kgs

Compressor Data

Type ZB29KQE-TFD
Swept Volume 11.40 m³/h
Oil Charge 1.36 litres
Nom. Current (A) 7.3
MCC (A) 11.0
LRC (A) 50.0

Fan Motors

No. 1
FLC (A) 0.9

Condenser Coil

Type Al-Cu Fin/Tube
Volume 4.42 litres

Liquid Receiver

Volume 7.6 litres

Airflow

Volume 4250 m³/h

Applicable Refrigerants

R134a/R404A/R407A/R407F/R448A/R449A

Unit Connections

Liquid 1/2"
Suction 7/8"

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

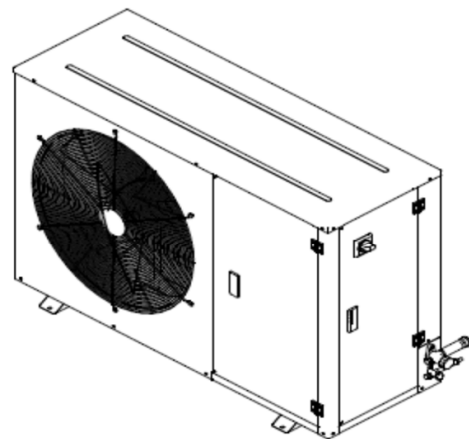
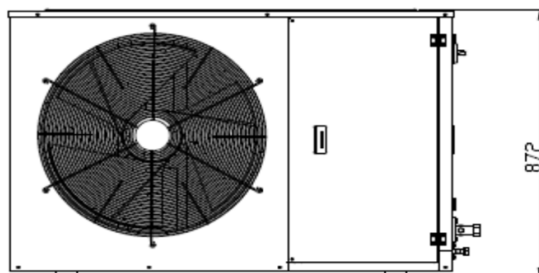
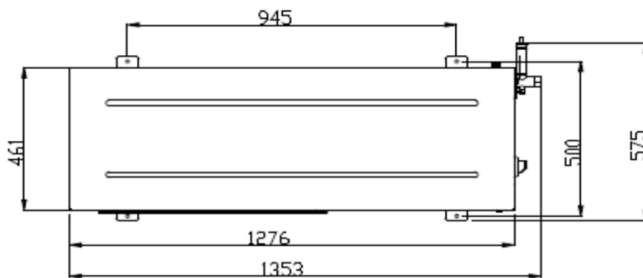
37 dB(A)

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

	Capacity (W) 10K SH	Capacity (W) 20°C RGT
R134a	4240	4370
R404A	6700	7170
R407A	6570	6760
R407F	6620	6750
R448A	6170	6370
R449A	6170	6370

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)
66.8	57.8	54.1	52.3	47.6	41.0	31.7	57.2



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

Model : JEHS-0400-B3-M-3

Refrigerant fluid:		R404A	R407A	R407F	R448A	R449A	
Item	Symbol	Value					Unit
Evaporating temperature*	t	-10					°C
Annual electricity consumption	Q	12578	10973	11873	12512	12512	kWh/a
Seasonal Energy Performance Ratio	$SEPR$	3.50	3.79	3.49	3.13	3.13	
Parameters at full load and ambient temperature 32 °C							
(Point A)							
Rated cooling capacity	P_A	7.17	6.76	6.75	6.37	6.37	kW
Rated power input	D_A	3.33	2.97	3.21	3.22	3.22	kW
Rated COP	COP_A	2.15	2.28	2.10	1.98	1.98	
Parameters at part load and ambient temperature 25 °C							
(Point B)							
Declared cooling capacity	P_B	7.930	7.340	7.400	6.900	6.900	kW
Declared power input	D_B	2.900	2.530	2.780	2.750	2.750	kW
Declared COP	COP_B	2.73	2.90	2.66	2.51	2.51	
Parameters at part load and ambient temperature 15 °C							
(Point C)							
Declared cooling capacity	P_C	8.930	8.080	8.160	7.540	7.540	kW
Declared power input	D_C	2.380	2.010	2.210	2.260	2.260	kW
Declared COP	COP_C	3.75	4.02	3.69	3.34	3.34	
Parameters at part load and ambient temperature 5 °C							
(Point D)							
Declared cooling capacity	P_D	9.830	8.710	8.740	8.160	8.160	kW
Declared power input	D_D	1.970	1.610	1.730	1.890	1.890	kW
Declared COP	COP_D	4.99	5.41	5.05	4.32	4.32	
Parameters at full load and ambient temperature 43 °C							
Cooling capacity	P_3	5.89	N/A	N/A	5.57	5.57	kW
Power input	D_3	4.16	N/A	N/A	4.08	4.08	kW
Declared COP	COP_3	1.42	N/A	N/A	1.37	1.37	
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



6SC0400EM-FBBA-55

Refrigerant fluid:		R134a	
Item	Symbol	Value	Unit
Evaporating temperature*	t	-10	°C
Parameters at full load and ambient temperature 32 °C			
Rated cooling capacity	P_A	4.37	kW
Rated power input	D_A	1.85	kW
Rated COP	COP_A	2.36	
Parameters at full load and ambient temperature 25 °C			
Rated cooling capacity	P_2	4.70	kW
Rated power input	D_2	1.62	kW
Rated COP	COP_2	2.90	
Parameters at full load and ambient temperature 43 °C			
Rated cooling capacity	P_3	N/A	kW
Rated power input	D_3	N/A	kW
Rated COP	COP_3	N/A	
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.		