CONDENSING UNIT SPECIFICATION SHEET

Condensing Unit Details	
Model	JEHS-0300-B2-L-3
Application	Low 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)	78 kgs

Compressor Data	
Type	ZF09KQE-TFD
Swept Volume	8.00 m³/h
Oil Charge	1.50 litres
Nom. Current (A)	3.8
MCC (A)	6.5
LRC (A)	40.0

Oil Separator	
Oil Charge	0.50 litre

Fan Motors	
No.	1
FLC (A)	0.6

Condenser Coil	
Type	Microchannel
Volume	0.51 litre

Liquid Receiver	
Volume	4.5 litres

Airflow	
Volume	2700 m³/h

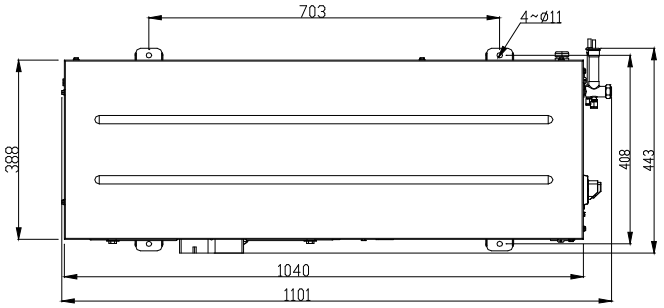
Applicable Refrigerants
R404A/R407A/R407F/R448A/R449A

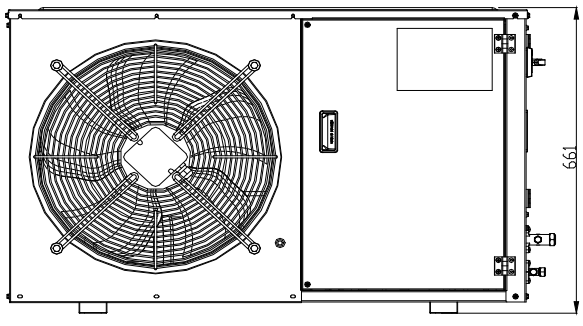
Unit Connections	
Liquid	3/8"
Suction	3/4"

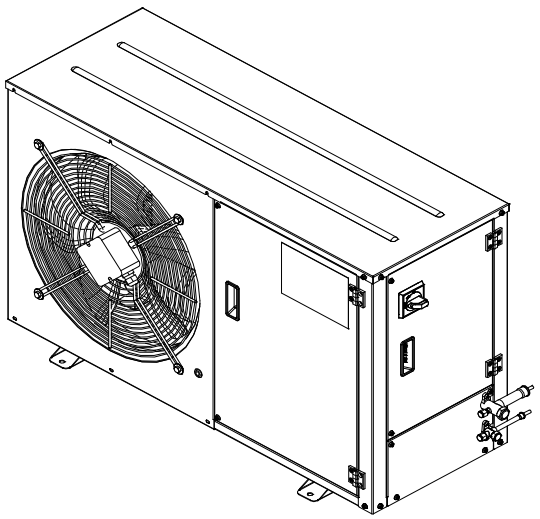
Sound Pressure Level @ 10m (-25°C/+32°C)
33 dB(A)

Performance Data at -35°C/+32°C Conditions		
	Capacity (W) 10K SH	Capacity (W) 20°C RGT
R404A	1700	1980
R407A	1390	1510
R407F	1550	1630
R448A	1580	1700
R449A	1580	1700

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)
50.1	53.6	51.7	46.2	41.6	34.9	35.0	52.5







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

Model : JEHS-0300-B2-L-3

Refrigerant fluid:		**R404A**	**R448A**	**R449A**	
Item	**Symbol**	**Value**			**Unit**
Evaporating temperature*	*t*	-35			°C
Parameters at full load and ambient temperature 32°C					
Rated cooling capacity	P_A	1.98	1.62	1.62	kW
Rated power input	D_A	1.81	1.67	1.67	kW
Rated COP	COP_A	1.09	0.97	0.97	
Parameters at full load and ambient temperature 25°C					
Cooling capacity	P_2	2.22	1.71	1.71	kW
Power input	D_2	1.59	1.48	1.48	kW
COP	COP_2	1.40	1.16	1.16	
Parameters at full load and ambient temperature 43°C					
Cooling capacity	P_3	1.59	1.43	1.43	kW
Power input	D_3	2.28	2.11	2.11	kW
COP	COP_3	0.70	0.68	0.68	
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

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