

Condensing Unit Details

Model JEHSDT-1200-B5-M-3
 Application Medium Temperature

Condenser Coil

Type Al-Cu Fin/Tube
 Volume 9.4 litres

Electrical Supply

400V / 3Ph / 50Hz

Liquid Receiver

Volume 18.0 litres

Weights & Dimensions

Width 1387 mm
 Depth 851 mm
 Height 1697 mm
 Mounting Dims. 940mm (W) x 808mm (D)
 Weight (Dry) 315 kgs

Airflow

Volume 7,500 m³/h

Applicable Refrigerants

R404A/R407A/R407F/R448A/R449A

Compressor Data

Type ZB45KQE-TFD / ZBD45KQE-TFD
 Swept Volume 17.1 / 17.1 m³/h
 Oil Charge 1.89 / 1.89 litres
 Nom. Current (A) 9.2 / 7.5
 MCC (A) 13.5 / 14.2
 LRC (A) 74.0 / 74.0

Unit Connections

Liquid 3/4"
 Suction 1 3/8"

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

42 dB(A)

Fan Motors

No. 2
 FLC (A) 1.8 (2x 0.9)

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

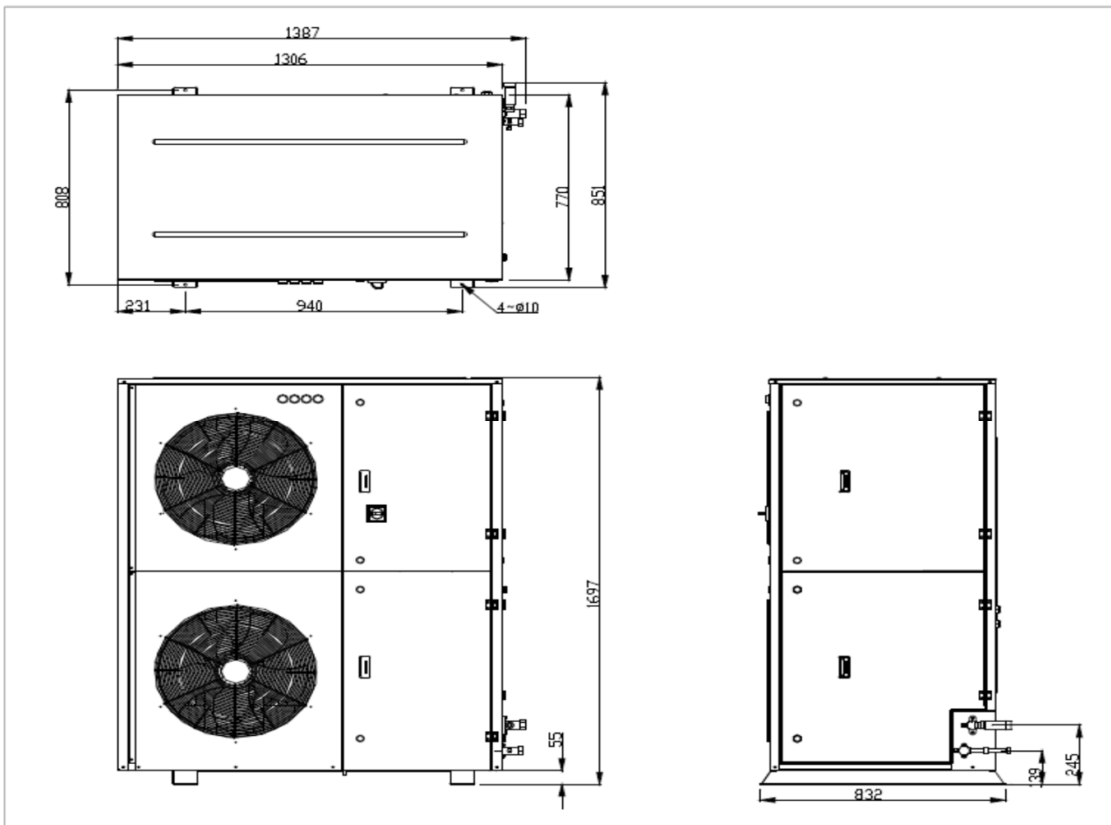
	CC (W)	PC (W)	COP	SEPR
R404A	19620	9340	2.10	2.94
R407A	17480	9560	1.83	2.70
R407F	19440	9460	2.05	2.79
R448A	18800	9360	2.01	2.71
R449A	18800	9360	2.01	2.71

Oil Separator/Reservoir

Oil Charge 1.5 litres

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)
64.7	61.6	59.3	57.1	53.5	48.5	38.9	62.0

Jul. 2018



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

Model : JEHSDT-1200-B5-M-3

Refrigerant fluid:		R404A	R407A	R407F	R448A	R449A	
Item	Symbol	Value					Unit
Evaporating temperature*	t	-10					°C
Annual electricity consumption	Q	41034	39743	42887	42697	42697	kWh/a
Seasonal Energy Performance Ratio	$SEPR$	2.94	2.70	2.79	2.71	2.71	
Parameters at full load and ambient temperature 32°C							
(Point A)							
Rated cooling capacity	P_A	19.62	17.48	19.44	18.80	18.80	kW
Rated power input	D_A	9.34	9.56	9.46	9.36	9.36	kW
Rated COP	COP_A	2.10	1.83	2.05	2.01	2.01	
Parameters at part load and ambient temperature 25°C							
(Point B)							
Declared cooling capacity	P_B	21.500	19.000	21.000	20.200	20.200	kW
Declared power input	D_B	8.560	8.520	8.680	8.540	8.540	kW
Declared COP	COP_B	2.51	2.23	2.42	2.37	2.37	
Parameters at part load and ambient temperature 15°C							
(Point C)							
Declared cooling capacity	P_C	24.100	21.100	22.900	22.000	22.000	kW
Declared power input	D_C	7.540	7.220	7.620	7.520	7.520	kW
Declared COP	COP_C	3.20	2.92	3.01	2.93	2.93	
Parameters at part load and ambient temperature 5°C							
(Point D)							
Declared cooling capacity	P_D	26.300	22.700	24.400	23.600	23.600	kW
Declared power input	D_D	6.800	6.260	6.780	6.800	6.800	kW
Declared COP	COP_D	3.87	3.63	3.60	3.47	3.47	
Parameters at full load and ambient temperature 43°C							
Cooling capacity	P_3	14.48	N/A	N/A	N/A	N/A	kW
Power input	D_3	11.76	N/A	N/A	N/A	N/A	kW
Declared COP	COP_3	1.23	N/A	N/A	N/A	N/A	
Other items							
Capacity control		Variable					
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 - superheat 10K.



6FC1200EM-FBBA-55