

CONDENSING UNIT SPECIFICATION SHEET

Condensing Unit Details

Model	JEHR-0170-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)	68 kgs

Compressor Data

Type	CAJ4519Z
Swept Volume	6.00 m ³ /h
Oil Charge	0.48 litres
Nom. Current (A)	6.4
MCC (A)	15.2
LRC (A)	45.0

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

R448A/R449A/R452A

Unit Connections

Liquid	3/8"
Suction	5/8"

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

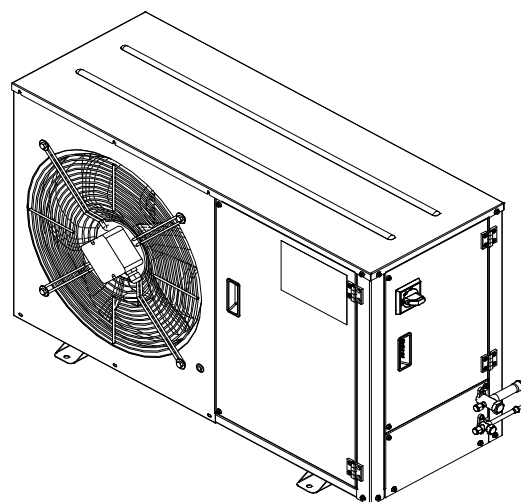
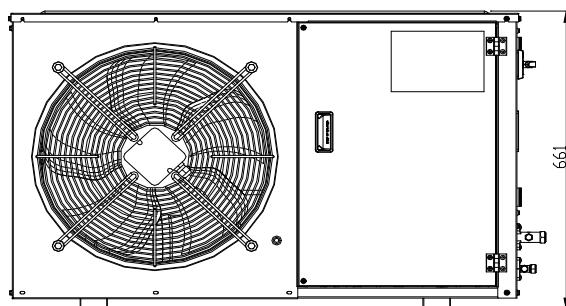
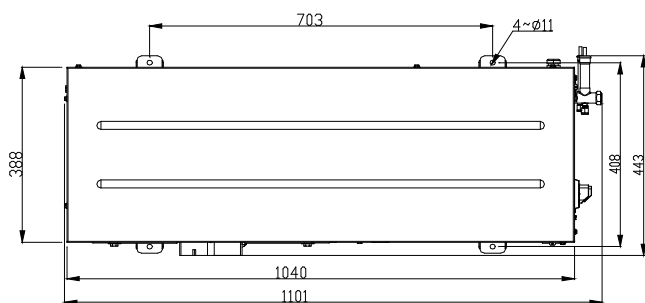
33 dB(A)

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

	Capacity (W) 10K SH	Capacity (W) 20°C RGT
R448A	2399	2574
R449A	2399	2574
R452A	2417	2685

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)
54.3	56.2	50.6	47.2	41.2	35.1	28.4	52.9



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

Model : JEHR-0170-B2-M-1

Refrigerant fluid:		R448A	R449A	R452A	
Item	Symbol	Value			Unit
Evaporating temperature*	t	-10			°C
Parameters at full load and ambient temperature 32 °C					
Rated cooling capacity	P_A	2.57	2.57	2.69	kW
Rated power input	D_A	1.49	1.49	1.63	kW
Rated COP	COP_A	1.73	1.73	1.65	
Parameters at full load and ambient temperature 25 °C					
Cooling capacity	P_2	2.79	2.79	2.94	kW
Power input	D_2	1.45	1.45	1.58	kW
COP	COP_2	1.93	1.93	1.85	
Parameters at full load and ambient temperature 43 °C					
Cooling capacity	P_3	2.23	2.23	2.28	kW
Power input	D_3	1.57	1.57	1.69	kW
COP	COP_3	1.42	1.42	1.35	
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



6RC0170EM-ABBA-55

CONDENSING UNIT SPECIFICATION SHEET

Condensing Unit Details

Model	JEHR-0067-B1-M-1
Application	Medium Temperature

Electrical Supply

230V / 1Ph / 50Hz

Weights & Dimensions

Width	876 mm
Depth	420 mm
Height	607 mm
Mounting Dims.	545 mm (W) x 400 mm (D)
Weight (Dry)	54 kgs

Compressor Data

Type	CAJ9480Z
Swept Volume	2.64 m ³ /h
Oil Charge	0.89 litres
Nom. Current (A)	3.1
MCC (A)	6.7
LRC (A)	22.6

Fan Motors

No.	1
FLC (A)	0.4

Condenser Coil

Type	Microchannel
Volume	0.44 litres

Liquid Receiver

Volume	1.2 litres
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Airflow

Volume	1300 m ³ /h
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Applicable Refrigerants

R404A/R407A/R407F/R449A

Unit Connections

Liquid	3/8"
Suction	1/2"

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

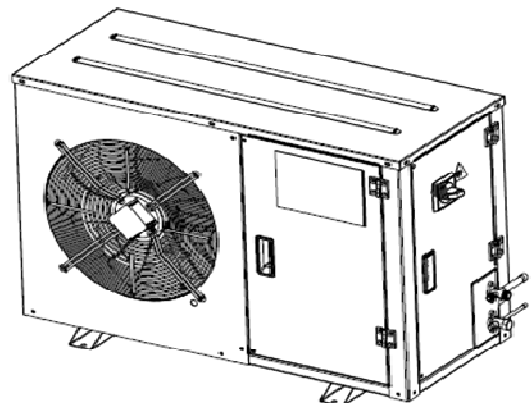
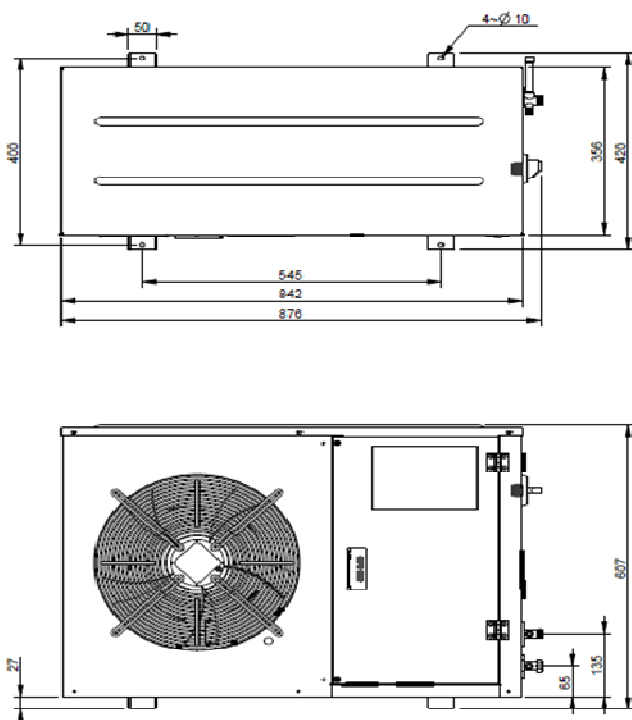
28 dB(A)

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

	CC (W)	PC (W)	COP	SEPR
R404A	1225	763	1.61	n/a
R407A	966	703	1.37	n/a
R407F	1029	690	1.49	n/a
R449A	1045	722	1.45	n/a

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)
56.3	49.5	44.9	35.9	29.2	21.8	17.7	48.4



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

Model : JEHR-0067-B1-M-1

Refrigerant fluid:		R404A	R407A	R407F	R449A	
Item	Symbol	Value				Unit
Evaporating temperature*	t	-10				°C
Parameters at full load and ambient temperature 32 °C						
Rated cooling capacity	P_A	1.23	0.97	1.03	1.05	kW
Rated power input	D_A	0.76	0.70	0.69	0.72	kW
Rated COP	COP_A	1.61	1.37	1.49	1.45	
Parameters at full load and ambient temperature 25 °C						
Cooling capacity	P_2	1.39	1.00	1.09	1.17	kW
Power input	D_2	0.72	0.69	0.66	0.69	kW
COP	COP_2	1.92	1.45	1.66	1.68	
Parameters at full load and ambient temperature 43 °C						
Cooling capacity	P_3	0.94	N/A	N/A	0.84	kW
Power input	D_3	0.79	N/A	N/A	0.77	kW
COP	COP_3	1.18	N/A	N/A	1.10	
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 - superheat 10K.



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CONDENSING UNIT SPECIFICATION SHEET

Condensing Unit Details

Model	JEHR-0140-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)	67 kgs

Compressor Data

Type	CAJ4517Z
Swept Volume	4.52 m ³ /h
Oil Charge	0.48 litres
Nom. Current (A)	5.3
MCC (A)	12.7
LRC (A)	38.5

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

R404A/R407A/R407F/R448A/R449A/R452A

Unit Connections

Liquid	3/8"
Suction	1/2"

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

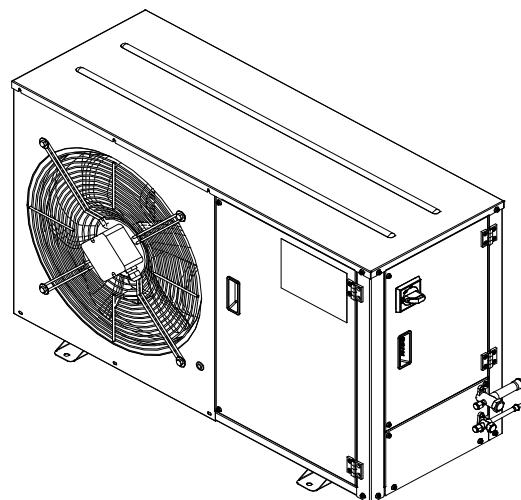
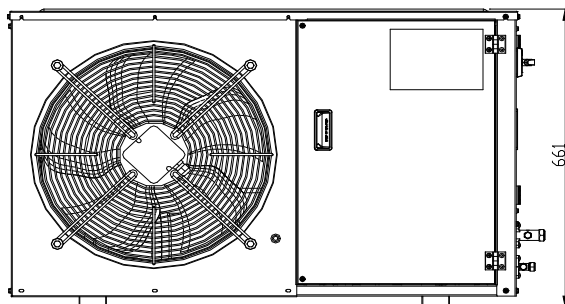
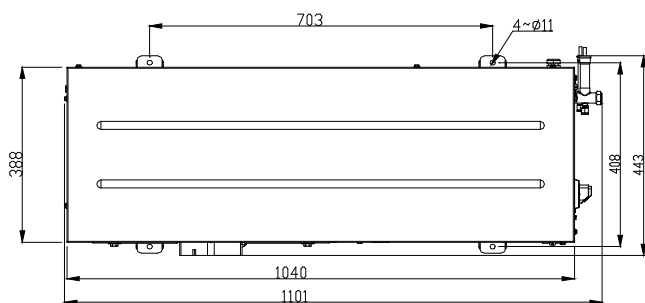
34 dB(A)

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

	Capacity (W) 10K SH	Capacity (W) 20°C RGT
R404A	2186	2422
R407A	1734	1919
R407F	1873	2075
R448A	2016	2149
R449A	2016	2149
R452A	1995	2196

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)
53.2	57.4	53.8	45.7	42.0	31.2	29.0	54.2



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

Model : JEHR-0140-B2-M-1

Refrigerant fluid:		R404A	R407A	R407F	R448A	R449A	R452A	
Item	Symbol	Value						Unit
Evaporating temperature*	t	-10						°C
Parameters at full load and ambient temperature 32 °C								
Rated cooling capacity	P_A	2.42	1.92	2.08	2.15	2.15	2.20	kW
Rated power input	D_A	1.18	1.11	1.07	1.03	1.03	1.15	kW
Rated COP	COP_A	2.06	1.74	1.93	2.09	2.09	1.92	
Parameters at full load and ambient temperature 25 °C								
Cooling capacity	P_2	2.63	1.94	2.15	2.36	2.36	2.41	kW
Power input	D_2	1.13	1.04	0.97	0.98	0.98	1.10	kW
COP	COP_2	2.32	1.87	2.22	2.42	2.42	2.18	
Parameters at full load and ambient temperature 43 °C								
Cooling capacity	P_3	1.96	1.79	1.85	1.79	1.79	1.83	kW
Power input	D_3	1.26	1.15	1.17	1.11	1.11	1.20	kW
COP	COP_3	1.56	1.56	1.58	1.62	1.62	1.52	
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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