

DIMENSIONS



SUMMARY

CAPACITY

2HP

DIMENSIONS NET W X H X D (MM) INDOOR / OUTDOOR

998 x 345 x 210

770 x 545 x 288

MAIN TECHNOLOGY

Dual Inverter

ADDITIONAL BENEFIT

Active Energy Control

CAPACITY

Cooling (Min ~ Rated ~ Max)	5.28 kW 18,000 Btu/h 18,990 kJ/h
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Capacity	2.0HP
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POWER INPUT

Cooling (Min ~ Rated ~ Max)	1,540 W
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RUNNING CURRENT

Cooling (Min ~ Rated ~ Max)	7.10 A
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EER

EER	3.43 W/W 11.69 (Btu/h)/W 12.33 (kJ/h)/W
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POWER SUPPLY

Power Supply	1, 230, 60 (Ø, V, Hz)
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Available Voltage Range	187 ~ 276 V
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Power Factor - Cooling	94%
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Moisture Removal	1.25 l/h 2.64 pts/h
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Circuit Breaker	25 A
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Power Supply Cable	3 × 1.5 No. × mm ²
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Power Supply to Unit	Indoor
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Power and Communication Cable	4 × 1.5 No. × mm ²
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INDOOR UNIT

Air Flow Rate - Cooling, Max/H/M/L	18/12.7/10.2/8.4 m ³ /min 635.7/448.5/360.2/296.6 CFM
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Fan Motor Speed - Cooling, Max/H/HM/M/ML/L/SL	1500/1150/1050/950/860/770/700 rpm
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Sound Pressure Level - Cooling, Max/H/M/L/SL	-/45/40/37/32 dB(A)
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Dimensions (W × H × D) - Net	998 × 345 × 210 mm
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Dimensions (W × H × D) - Shipping	1068 × 425 × 279 mm
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Weight - Net	11.2kg
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Weight - Shipping	13.2kg
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Disconnect Switch	25 A
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Exterior Color Code	Munsell 7.5BG 10/2 (RAL 9016)
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Operation Range - Cooling	16 ~ 32 °C DB 61 ~ 90 °F DB 10 ~ 23 °C WB 50 ~ 73.4 °F WB
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OUTDOOR UNIT

Air Flow Rate - Max	31.0 m ³ /min 1095 CFM
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Sound Pressure Level - Cooling, Rated	53 dB(A)
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Dimensions (W × H × D) - Net	770 × 545 × 288 mm
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Dimensions (W x H x D) - Shipping	920 x 588 x 393 mm
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Weight - Net	32.5kg
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Weight - Shipping	34.8kg
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Max. Fuse Size	15 A
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Exterior Color Code	Munsell 9.54Y 8.34/1.31 (RAL 9001)
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Operation Range - Cooling	18 ~ 48 °C DB
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PIPING

Size - Liquid	ø 6.35 mm
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Size - Gas	ø 12.7 mm
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Connections Method - Indoor/Outdoor	Flared/Flared
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Drain Hose Size - O.D, I.D	21.5, 16.0 mm
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Max Piping Length Capacity	98.7%
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BETWEEN INDOOR & OUTDOOR

Piping Length - Min/Standard/Max	3/7.5/30 m
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Piping Length - No Charge	12.5 m
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Max. Elevation Difference	20m
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Piping Connection Heat Insulation	Both liquid and gas pipes
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REFRIGERANT

Type	R32
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Pre Charge	950g
Additional Charge	15g/m
Control	Capillary
Global Warning Potential	675
t-CO ₂ eq	0.641

TOOL CODE(CHASSIS)

Indoor / Outdoor	SK / UL2
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COMPRESSOR

Type	Twin Rotary
Model	DAT156MAD
Motor Type	BLDC
Oil Type / Maker	PVE (FW68D) / IDEMITSU
Oil Charge	400cc
Manufacturer / Country of Origin	LG Electronics / China

FAN(INDOOR)

Type	Cross Flow Fan
Motor Output	30W

FAN(OUTDOOR)

Type	Propeller Fan
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Motor Type	BLDC
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Motor Output	43W
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Motor Insulation	Class E
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Motor Enclosure / Ingress Protection	TEAO/IPX4
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HEAT EXCHANGER

Evaporator - Material, Tube / Fin	Cu/Al
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Evaporator - (\emptyset x Row x Column x FPI x L) x Qty.	($\emptyset 7 \times 2 \times 16 \times 20 \times 744$) x 1
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Evaporator - Corrosion Protection	PCM
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Evaporator - Fin Type	Slit
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Condenser - Material, Tube / Fin	Cu/Al
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Condenser - (\emptyset x Row x Column x FPI x L) x Qty.	($\emptyset 7 \times 2 \times 24 \times 18 \times 823$) x 1
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Condenser - Corrosion Protection	Gold
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Condenser - Fin Type	Louver
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