

Low ESP Short Ducted Unit

Controller



Wired (Standard)

Wired (Optional)



18K-24K Btu/h

Features

Short body, 101.0 mm length, easy to install, low noise and light weight, suitable for hotel room.

V shaped evaporator design, increasing the heating exchanger efficiency.



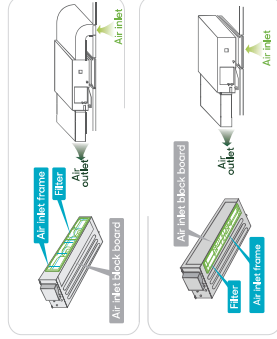
Adopting aviation centrifugal fan blade with special air tunnel design, as well as fan motor anti-vibration measure, benefit to increase air flow and decrease the noise.



DC motor is standard, operating stably, lower energy consumption and high efficiency.



Air return method is optional by actual installation, from rear or from bottom.



Water pump is optional, pump head is up to 700mm.

Specification

R32 Heat Pump



Indoor power supply		V/N/Hz	CTA-D18HR4-F102 220-240V/1/50	CTA-D24HR4-F103 220-240V/1/50
Performance				
Cooling	Capacity	Btu/h	18000	24000
		kW	2.0-5.3-8.6	2.9-7.2-8.0
	SEER		6.1	6.1
Heating	Energy dbss	Btu/h	A++	A++
	Capacity	Btu/h	18000	26000
		kW	2.2-5.3-8.8	3.3-7.7-8.5
	SCOP		4.0	4.0
Energy dbss		A+	A+	
Physical data				
Air flow		m ³ /h	800/700/600	1050/950/750
Static pressure		Pa	30	30
Static pressure range		Pa	0-60	0-100
Power level (MAX)		dB (A)	46-58	56-63
Pressure level			36/40/46	43/46/47
Net dimension (WxHxD)		mm	1010*210*467	1214*210*467
Net weight		kg	22.5	25
Packing dimension (WxHxD)		mm	1110*240*510	1310*240*510
Gross weight		kg	26	28
Piping data				
Liquid side		mm	Φ6.35	Φ9.52
Gas side		mm	Φ12.7	Φ15.88
Drain pipe		mm	DN25	DN25

Note

- The cooling condition: T1 condition indoor side 27°C(80°F) DB, 19°C(66°F) WB, outdoor side 35°C(95°F) DB, 18°C(64°F) WB.
 - The heating condition: T1 condition indoor side 19°C(66°F) WB, outdoor side 7°C(45°F) DB.
 - Sound level measured at a point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 - The above data may be changed without notice for future improvement on quality and performance.
- * We suggest that for 18K/24K units, external static pressure is lower than 30Pa. If higher static pressure is needed, please contact with supplier.

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