

Medium ESP Ducted Unit

Controller



36K-55K Btu/h

Features

260mm ultra thin body design, saves lots of installation space, fully meet various installation requirements.

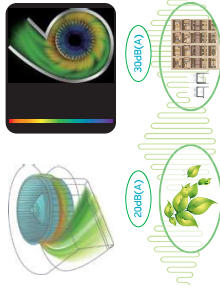
High ESP design for medium static pressure duct, duct connected installation meet for different room structure.



Medium ESP Type



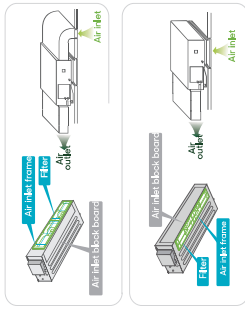
Adopting aviation centrifugal fan blade with special air tunnel design, as well as fan motor anti-vibration measure, benefit to increase air flow and decrease the noise.



World famous brand DC motor is standard save energy and control the room temperature more precisely.



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



Body-side is E-box, convenient installation and maintenance.



Specification

R32 Heat Pump



Model	CTB-D56HR4-F205 220-240/1/50	CTB-48HR4 220-240/1/50	CTB-48HR4S 220-240/1/50	CTB-55HR4S 220-240/1/50
Performance				
Cooling Capacity	3.6-10.5-12.8	7.0-14.0-15.5	7.0-14.0-15.5	7.5-16.0-17.0
SEER	6.1	6.1	6.1	6.1
Heating Capacity	4.35-11.5-13.2	8.0-15.2-16.0	8.0-15.2-16.0	8.5-16.8-17.5
SCOP	4.0	4.0	4.0	4.0
Cooling energy rate	A**	A**	A**	A**
Heating energy rate	A**	A**	A**	A**
Indoor air flow(L/s)/M3/d	1800/1690/1130	2500/2350/1980	2500/2350/1980	2500/2350/1980
Physical data				
Rated power noise level	55-63	56-64	56-64	56-64
Static pressure	50	50	50	50
Static pressure range	0-120	0-160	0-160	0-160
Net dimension(WxHxD)	1425x260x643	1279x307x630	1279x307x630	1279x307x630
Packing(WxHxD)	1490x326x720	1395x380x920	1395x380x920	1395x380x920
Panel Net/Gross weight	49/52	49/56	49/56	49/56
Piping data				
Diameter Liquid side/Gas side	Φ9.52/Φ15.88	Φ9.52/Φ15.88	Φ9.52/Φ15.88	Φ9.52/Φ15.88
Drain pipe	DN25	DN25	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.
- The heating condition indoor side 20°C(68°F) DB, 15°C(44°F) WB, outdoor side 7°C(24°F) DB.
- Sound level measured at a point 1m in front of the unit at a height of 1.2m. 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 1800/1690 units, external static pressure is lower than 30Pa, for 36K units, external static pressure is lower than 80Pa. If higher static pressure is needed, please contact with supplier.