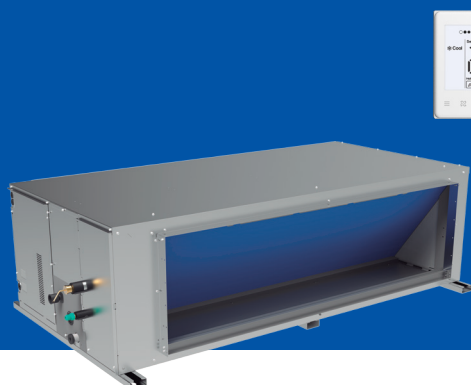




BIG DUCT IX56A



DC Inverter
Fans



Gas
refrigerant



Wired controller
included

MODELS

	HTW-BD-28IX56A	HTW-BD-33IX56A	HTW-BD-40IX56A	HTW-BD-45IX56A	HTW-BD-56IX56A
UI	HTW-DI-28IX56A	HTW-DI-33IX56A	HTW-DI-40IX56A	HTW-DI-45IX56A	HTW-DI-56IX56A
UE	HTW-UO-28IX56AT3	HTW-UO-33IX56AT3	HTW-UO-40IX56AT3	HTW-UO-45IX56AT3	HTW-UO-56IX56AT3
EAN CODE	8435483859296	8435483859289	8435483859272	8435483859265	8435483859258

Power supply UI	V,F,Hz	220-240/50 (1 Phase)			
Power supply UE	V,F,Hz	380-415V (3 Phases~ 50Hz)			

PERFORMANCE

Refrigeration ¹	Capacity	KW	28	33,5	40	45	56
		BTU/h	95.500	110.900	136.500	153.500	191.100
	Power input (EU)	W	13,02	15,02	17,86	18,15	28
	*EER	-	2,15	2,23	2,24	2,24	2,00
Heating ²	SEER	-	5,94	6,35	6,19	6,05	5,93
	Capacity	kW	31,5	38	45	56	63
		BTU/h	107.500	129.700	153.500	191.100	215.000
	*COP	W	3,68	3,63	3,64	3,72	3,71
	SCOP	--	4,50	4,06	4,72	4,83	4,42

FEATURES

Indoor unit	Sound power ³	dB(A)	51/50/48/46/44/43/42	52/51/49/48/46/44/43	58/56/54/52/50/49/48	58/56/54/52/50/49/48	59/58/56/54/53/51/49
	Sound pressure	-	74/72/70/68/66/64/62	74/72/70/68/66/63/61	79/78/76/74/72/70/67	79/78/76/74/72/70/67	81/80/77/75/73/71/69
	Air flow	m³/h	4700/4387/4073/3760/3447/3133/2820	4700/4387/4073/3760/3447/3133/2820	7500/7000/6500/6000/5500/5000/4500	7500/7000/6500/6000/5500/5000/4500	8400/7840/7280/6720/6160/5600/5040
	Static pressure	Pa	200 (0-400)	200 (0-400)	300 (0-400)	300 (0-400)	300 (0-400)
Outdoor unit	Sound power ³	dB(A)	60	61	59	60	61
	Air flow	m³/h	1.100	11.300	12.500	18.500	18.500
	Compressor	-	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter
	Fan-N°	-	DC-2	DC-2	DC-2	DC-2	DC-2
Refrigerant	Discharge	-	Lateral	Lateral	Lateral	Lateral	Lateral
	Refrigerant Type / Load	Kg	R410A / 6,5	R410A / 8	R410A / 7,4	R410A / 8	R410A / 8,5
	TC02Eq	-	13,572	16,704	15,4512	16,704	17,748
	GWP	-	2088	2088	2088	2088	2088

DIMENSIONS AND WEIGHT

Indoor unit	Net dimensions (WxHxD)	mm	1300x580x900	1300x580x900	1850x580x900	1850x580x900	1850x580x900
	Gross dimensions (WxHxD)	mm	1530x730x1060	1530x730x1060	2080x730x1060	2080x730x1060	2080x730x1060
	Net - gross weight	Kg	125 - 150	128 - 153	166 - 204	166 - 204	170 - 208
Outdoor unit	Net dimensions (WxHxD)	mm	1120x1558x528	1120x1558x528	1130x1760x445	1250x1760x445	1250x1760x445
	Gross dimensions (WxHxD)	mm	1270x1720x565	1270x1720x565	1210x1916x597	1330x1916x597	1330x1916x597
	Net - gross weight	Kg	144 - 160	157 - 173	187 - 201	214 - 229	234 - 249

CONNECTIONS

Operational range	Refrigeration - Heating	°C	-5~48 / -20~24	-5~48 / -20~24	-15~55 / -30~30	-15~55 / -30~30	-15~55 / -30~30
	Liquid - Gas UI	In.	12,7 / 22,2	12,7 / 22,2 (8)	12,7 / 25,4	15,9 / 28,6	15,9 / 28,6
Refrigeration pipe	Liquid - Gas UE	In.	12,7 / 22,2	12,7 / 25,4 (8)	12,7 / 25,4	15,9 / 28,6	15,9 / 28,6
	Drainage	mm	32	32	32	32	32
Wired control			HTW-CC-WDC3-86S	HTW-CC-WDC3-86S	HTW-CC-WDC3-86S	HTW-CC-WDC3-86S	HTW-CC-WDC3-86S

Notes:

- Indoor temperature 27°C BS, 19°C WB; outdoor temperature 35°C DB; Equivalent length of refrigerant pipe 7.5 m with zero level difference.
- Indoor temperature 20°C DB; outdoor temperature 7°C BS, 6°C WB; Equivalent refrigerant pipe length 7.5 m with zero level difference.
- Fan motor speed and air flow rate from the highest to the lowest speed, a total of 7 speeds for each model.
- Stable operating external static pressure range (Note: Setting the external static pressure outside the optimum static pressure range of the unit may result in higher noise levels and lower airflow rate. For the optimum external static pressure range, refer to the unit's installation manual).
- The sound pressure level ranges from the highest to the lowest level, a total of 7 levels for each model. The sound pressure level is measured at 1.4 m below the unit at a distance of 1.5 m from the unit.
- Dimension is body size only, excluding the size of the installation terminal, connecting copper pipe, etc. For detailed dimensions, please refer to
- The sound pressure level is measured at a position 1 m in front of the unit and 1 m above the floor in a semi-anechoic chamber.
- To determine the correct gas pipe diameter refer to the technical manual.