

HOT AND COLD COMMERCIAL SERIES HEAT PUMP

Commercial Hot Water Heat Pumps adopt environmental-friendly refrigerant R410A. They are widely suitable for sanitary hot water in residential or commercial places. It can supply 55°C (Max 60°C) hot water stably 24 hours a day and works well in areas above -7°C.



Applicable to hotels, apartments, residences, villas, factories, schools. Adopt advanced heat pump water heater technology, high efficiency and energy saving, low cost, power consumption is only 25% of electric water heater. The main machine is connected with the water tank through pipeline, without refrigerant pipeline connection. Automatic constant temperature water refill.

Model	KB-195- TP-1	KB-400- TP-2	KB-550- TP-2	KB-800- TP-3	KB-1100- TP-4
Heating capacity (kW)	19.5	40	55	80	110
Input power (kW)	4.5	9.4	12.8	18.2	25.5
COP	4.22	4.15	4.22	4.29	4.24
Rated current (A)	8.5	17.6	24	34.1	45
Max input power (kW)	6.8	14	18.3	24	36.5
Max current (A)	12.3	25	32.7	42	65.2
Rated outlet water temperature (°C)	55	55	55	55	55
Highest outlet water temperature (°C)	60	60	60	60	60
Power supply	380V/3N~/50Hz				
Anti-electric shock rate	I	I	I	I	I
IP Grade (Level of protection)	IPX4	IPX4	IPX4	IPX4	IPX4
Refrigerant	R410A				
Operation Ambient temp (°C)	-7~43°C				
Production capacity (L/H)	424	870	1200	1740	2400
Diameter of pipe (mm)	G1"	G1-1/2"	G1-1/2"	G2"	Dn65
water circulation (m ³ /H)	3.27	6.71	9.29	13.42	18.58
Water pressure drop (kPa)	70	75	85	90	70
Noise (dB(A))	56	60	63	65	68
Net weight/Gross weight(kg)	135	300	256	372	485
Body size(W*D*H)	740×805×1165	1500×750×1075	1530×790×1100	1705×1005×1230	2005×1050×1400
Condenser type	High efficiency tank heat exchanger				
Operating water temperature (°C)	9~60°C				
Test condition: Inlet water temperature 15°C, Outlet water temperature 55°C, Dry bulb temperature 20°C, Wet bulb temperature 15°C.					



Operating Temps
-7°C ~43°C



R410A
Refrigerant



Max outlet
water 60°C



LCD
Display