

Water-cooled

Scroll Water Chiller

Compressors

Adopting famous brand compressor, it has the advantages of stable and reliable operation, high efficiency and low failure, small vibration and low noise, convenient maintenance and long service life. According to the customer's cooling needs, can use a single compressor or more compressor combination. The compressor can be according to the load changes. Automatically alternate operation, the balance of the compressor running speed, saving energy consumption and extended chiller service life. Suitable for R22, R407c, R134a and many other Refrigerants

Economic and Energy Saving

The digital electronic thermostat can precisely control the temperature of cold water between +3°C and 50°C

Protection Device

Compressor delay start protector, overload protector, high and low voltage protector, temperature control switch antifreeze switch fuse plug, electronic time protection safety valve, compressor overheat protector, compressor frequent and abnormal indicator light, to ensure the normal operation of the unit



SPECIFICATION

Model		EAC-005WT	EAC-008WT	EAC-10WT	EAC-015WT	EAC-020WT	EAC-040WT	EAC-050WT	EAC-060WT
Power supply		3φ-50Hz-380v(220V/400V/460V)							
Cooling capacity	kw	16.3	23.5	31.9	48.2	63.6	125.1	155.3	186.5
	TONS	4.63	6.68	9.7	13.70	18.08	35.57	44.16	53.03
	Kcal/h	14020	20210	27430	41460	54690	107580	133560	160390
Power consumption	kw	4.1	6	8.1	12.4	16.5	32.2	40.3	48.5
Freeze water flow	m ³ /h	2.6	4.3	5.5	8.2	10.8	21.2	26.5	31.8
Cooling water flow	m ³ /h	3.2	5.4	6.8	10.3	13.9	27.3	34.2	40.8
Compressor	Type	Scroll/piston							
	Start method	Y-start							
	Input Power (kw)	3.8	5.6	7.5	11.3	15	30	37.5	45.5
Refrigerant	Type	R22, R134a, R407c, R410a							
	Control method	External balanced thermostatic expansion valve							
	Filling volume (kg)	2.5	4	5	7.5	10.5	20.2	25	30
Evaporator	Type	Shell and tube							
	Pipe diameter (in)	1-1/2"			2"			3"	
Condenser	Type	Shell and tube							
	Pipe diameter (in)	1-1/2"			2"			3"	
Safety protector		Dual pressure switch, frost-proof protection, soluble pin/safety valve, overload protective device, coil over-heating protection system, temperature automatic protection switch.							
Dimension	Length (mm)	950	1260	1260	1600	1600	2250	2250	2600
	Width (mm)	500	500	650	650	700	850	850	850
	Height (mm)	1220	1220	1220	1300	1300	1420	1420	1420
Weight (kg)		150	260	280	460	520	1050	1380	1550

1. Testing result under above conditions: inlet/outlet chilled water temperature 12°C/7°C, inlet/outlet cooling water temperature 30°C/35°C.

2. The above parameters will be updated continuously. If you need a custom service, please send your technical requirements before placing an order