

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		EAC8WT	EAC10WT	EAC13WT	EAC15WT	EAC20WT	EAC25WT	EAC30WT	EAC40WT
Nominal Cooling Capacity	kW	28	35	43	56	70	86	105	129
	USRT	8	9.9	12.2	15.9	19.9	24.4	30	36.6
Compressor Input Power (kW)		6	8	10	13	15	19	23	29
Energy Control (%)		0 100			0 50 100			0 33 66 100	
Refrigerant Type		R407C							
Condenser	Diameter Of Inlet & Outlet Pipes (In)	1-1/2"	2"	2"	2"	2"	2-1/2"	2-1/2"	2-1/2"
	Water Flow (m3/h)	6	7	9	12	15	18	22	27
	Water Side Max. Pressure (Mpa)	1	1	1	1	1	1	1	1
	Water Pressure Drop (KPa)	29	31	41	56	56	58	55	56
Evaporator	Diameter Of Inlet & Outlet Pipes (In)	1-1/2"	2"	2"	2"	2"	2-1/2"	2-1/2"	2-1/2"
	Water Flow (m3/h)	5	6	7	10	12	15	18	22
	Water Side Max. Pressure (Mpa)	1	1	1	1	1	1	1	1
	Water Pressure Drop (KPa)	23	28	30	28	28	32	32	31
Running Noise dB (A)		60	61	62	63	64	65	66	67
Weight (Kg)		270	320	410	500	540	720	880	1100

1. Nominal Cooling Capacity Reference: Evaporator Inlet And Outlet Water Temperature 12°C/7°C. Condenser Inlet And Outlet Water Temperature 30°C/35°C, Fouling Factor 0.018m².°C/kW. Chiller Condensation Temperature 50°C

2. Chilled Water Temperature Range: 5-20°C

3. Cooling Water Temperature Range: 15-40°C