



Industrial water chiller for Plastic extrusion machine process PVC pipe with chilling water system

Plastic extrusion processes require chilled water to cool the water tank down to the proper temperature and furthermore to cool the output plastic products, which will pass through the water tank, last to improve quality and decrease scrap.

Features:

- Cooling capacity: 88kw – 800kw(25 tons – 225 tons).
- Refrigerant R22, R407C, R134A or R410A.
- Screw compressors normally employed for medium to large cooling capacity, BITZER, HANBELL for options, the output power of screw compressor can be controlled automatically by control system. Furthermore, there are four phases for choosing: 25%-50%-75%-100%. And the motor of the screw compressor is star delta start to reduce the impact on power grid.
- Shell and Tube type condenser is normally called water cooled type, this series chiller need to employ water cooling tower to discharge the heat, which is always used for large cooling capacity or the local place temperature is higher than 40 degree Celsius.
- Adopt microcomputer controller, display the temperature, protect, fault code to the control panel, easy to operate, PLC for options.
- The electric components we use SCHNEIDER brand, as you know the electricity is very important for the chiller, also affect the safety of the operator, schneider is what we trust.
- High efficient shell and tube type evaporator and condenser to save 30% energy.
- Refrigerating system welded with oxygen free methods, to reduce oxides and ensure the smooth surface.

If you have any requirements, pls feel free to let me know. we must give you a best offer.

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Water Cooled Screw Chiller										
Model		MG-30WS	MG-40WS	MG-50WS	MG-60WS	MG-70WS	MG-80WS	MG-90WS	MG-100WS	MG-110WS
Capacity	USRT	25.1	34.2	44.9	48.9	59.6	77.1	81.4	89.1	96.4
	Kcal/h	75938	103458	135794	147834	180256	233060	246304	269524	291712
	KW	88.3	120.3	157.9	171.9	209.6	271	286.4	313.4	339.2
Power Supply		3PHASE-220V/380V/415V-50HZ								
Refrigerant	Type	R22/R407c								
	Control Type	Thermostatic expansion valve								
Compressor	Type	Semi-hermetic screw type								
	Power(kw)	21.4	28.2	35.4	38.8	47.2	57.9	60.9	67.0	73.1
	Start mode	Y-△								
	Capacity Range	25-50-75-100 (%)								
Evaporator	Type	Shell and tube								
	Flow rate(m ³ /h)	15.1	20.6	27.1	29.5	35.9	46.5	49.1	53.7	58.1
	Fitting pipe(mm)	DN50	DN65	DN80	DN80	DN80	DN100	DN100	DN100	DN100
Condenser	Type	Shell and tube								
	Cooling Water Flow(m ³ /h)	20.7	28.0	36.5	39.7	48.4	62.0	65.5	71.7	77.7
	Inlet/Outlet Dia	DN50	DN65	DN80	DN80	DN80	DN100	DN100	DN100	DN100
Dimension	L(mm)	2300	2500	2500	2500	2800	3200	3200	3500.0	3500.0
	W(mm)	750	750	750	750	800	800	800	900	900.0
	H(mm)	1500	1500	1500	1500	1500	1500	1500	1500	1800.0
Weight	kg	660	700	800	975	1000	1250	1400	1600	1750



