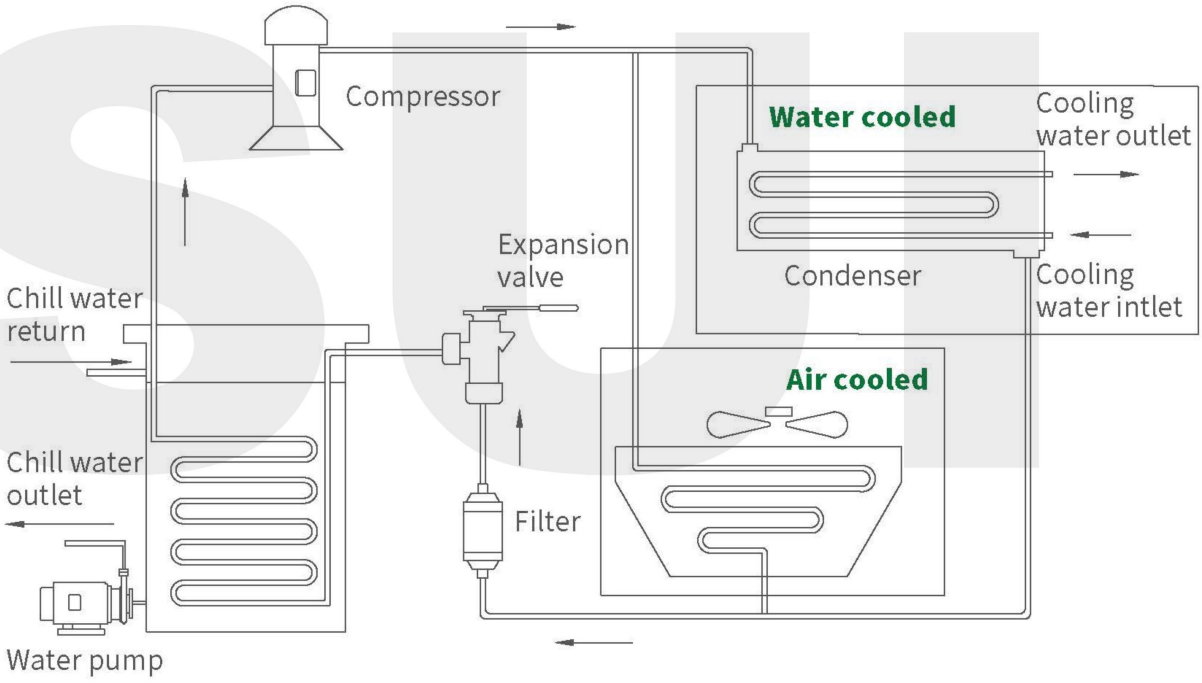
WSIA/WSIW CHILLER

Features

- The water chiller provides cooling process to plastic molds to prevent part defects such as warping and distortion, and to reduce cycle time; hence, maximizes plastic molding machines' productivity.
- Installed with imported compressor and highly efficient condenser and evaporator to realize excellent cooling, quiet and low electricity consumption.
- Microprocessor control is easy to operate.
- Open water tank is made of stainless steel for cleaning and maintenance.
- Pipelines are well-arranged to save energy.
- Adopted thermostat to accurately maintains temperature within 3-5°C.
- Installed with current overload protector, high and low pressure switch, electronic timer delay and warning alarm.
- LCD display of cooling water outlet and inlet temperature, and temperature setting are optional.
- Single, double or quadruple compressor combination is available.

WSIA-10

WSIW-05



Reference Table

Model	Clamping Force (ton)	Injection Capacity(kg/h)
WSIW/A-04	250	25
WSIW/A-04	300	30
WSIW-05/WSIA-05/ WSIA-05B	350	35
WSIW-05/WSIA-05/ WSIA-05B	450	45
WSIW-08/WSIA-08B	550	55
WSIW-08/WSIA-08B	650	65
WSIW-10/WSIA-10B/ WSIA-10	850	85
WSIW-12/WSIA-12B	1000	100
WSIW-12/WSIA-12B	1300	130
WSIW-15/WSIA-15B/ WSIA-15	1500	150
WSIW-15/WSIA-15B/ WSIA-15	1800	180
WSIW-20/WSIA-20B/ WSIA-20	2200	220
WSIW-20/WSIA-20B/ WSIA-20	2500	250
WSIW-25/WSIA-25B/ WSIA-25	3000	300
WSIW/A-30	4000	400
WSIW/A-40	5000	500

Power supply：3Φ 380VAC 50Hz；

We reserve the right to change specifications without prior notice.

WSIA/WSIW CHILLER

Specifications

WSIW/WSIA		Unit	WSIW -04	WSIW-05 WSIA-05	WSIW -08	WSIW-10 WSIA-10	WSIW -12	WSIW-15 WSIA-15	WSIW-20 WSIA-20	WSIW-25 WSIA25	WSIW-30 WSIA-30	WSIW-40 WSIA-40
Refrigeration Capacity		kW/h	11.9	15	23.8	30.5	34.3	45	61	69	92	122
		kcal/h	10234	12900	20468	26230	29498	38700	52460	59340	79120	104920
Compr-essor	Type		Scroll Type									
	Input Power	kW	3	4.5	3×2	4.5×2	10	4.5×3	9×2	10×2	9×3	10×3
	Horses	HP	4	5	4×2	5×2	12	5×3	10×2	12×2	10×3	12×3
Evapor-ator	Type		Pipe Coil Evaporator			Shell and Tube Evaporator						
	Pipe Ddiameter	inch	1	1	2	2	2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2
Refrige-rant	Type		R-22									
	Quantity	kg	2	2.5	4	5	5	7.5	10	11	12	18
	Controlled by		Capillary Tube		Expansion Valve							
Water Cooled Conden-ser	Type		Shell and Tube									
	Pipe Diameter	inch	1	1	1-1/2	1-1/2	1-1/2	1-1/2	2	2-1/2	2-1/2	2-1/2
	Water Flow	L/min	30	40	60	80	100	120	160	200	240	300
Air Cooled Conden-ser	Type		Finned Cooler									
	Blower Power	kW	0.15×2	0.2×2		0.4×2		0.8×2	0.8×2	0.8×2	0.8×3	0.8×3
Water Tank Capacity		L	50	50	70	70	125	125	140	140	150	180
Pump	Power	kW	0.37	0.75	1.5	1.5	1.5	2.2	4	4	4	4
		HP	0.5	1	2	2	2	3	5	5	5	5
	Max Flow Rate	L/min	45	57	225	225	225	225	420	650	650	650
	Max Pressure	kg	1.0	1.2	1.9	1.9	1.9	1.9	2.1	2.1	2.1	2.1
Pipe Diameter	Cooling Water Outlet	inch	1/2×4	1/2×4	2	2	2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2
	Cooling Water Inlet	inch	1/2×4	1/2×4	2	2	2	2-1/2	2-1/2	2-1/2	2-1/2	2-1/2
Total Water-cooled Power		kW	3.37	5.25	7.5	10.5	11.5	15.7	22	24	31	34
Total Air-cooled Power		kW	3.67	5.65		11.3		17.3	23.6	25.6	33.4	36.4
Protetion System			Overload, High/low pressure, Anti-freezing, Reverse Phase and Low Temperature Protection									
Dimen-sions (L×W ×H)	Water Cooling	cm	94× 53×90	109× 58×100	155× 70×128	155× 70×128	173× 75×130	206× 81×141	210× 86×144	210× 86×144	265× 95×160	265× 115×160
	Air Cooled	cm	131× 63×115	131× 63×115		183× 91×160		196× 106×160	220× 105×165	220× 105×190	255× 115×190	305× 95×195

Note:Optional environmentally friendly refrigerant: R-407C, R-410A; Power supply:3Φ 380VAC 50Hz;
The data above is obtained from condensation temperature 35°C and evaporation temperature 5°C.
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SCREW CHILLER
WSIW SERIES

Features

- Consisted of high speed embedded microcontroller and high resolution LCD touchscreen with user-friendly interface.
- Adopted RS485 communication protocol with reserved PC monitoring and message control function.
- Monitors actual temperatures of each node and shows hourly and daily temperature graph; User can check switch input and relay output and adjust setting temperature.
- LCD displays parameters, outlet water temperature and inlet water temperature.
- Store and show present and previous warnings, which can be sorted and analyzed by warning number, time and frequency.
- Equipped with imported compressor and high efficient condenser and evaporator and reasonable pipeline layout.
- Multi-language interface is available.
- Safety functions include reversed/faulty phase protection, pump overload protection, high/low voltage protection, low pressure protection, overheat protection, delayed start, compressor frequently start prevention and water temperature compensation.

Specifications

Model		Unit	WSIW -30-S	WSIW -40-S	WSIW -50-S	WSIW -60-S	WSIW -80-S	WSIW -100-S	WSIW -120-SD	WSIW -160-SD
Refrigeration Capacity		kW	88	118	152	172	230	300	344	460
		kcal/h	75680	101480	130720	147920	197800	257880	295840	395600
Compr-essor	Input Power	kW	22	30	36	41	56	61	41×2	56×2
	Rated Power	HP	30	40	48	55	75	82	55×2	75×2
Evapor-ator	Type		Shell-and-Tube Evaporator							
	Pipe Diameter	inch	2-1/2	3	3	3	4	4	4	5
Conde-nsser	Type		Shell-and-Tube Condenser							
	Pipe Diameter	inch	2-1/2	3	3	3	4	4	4	4
	Cooling Water Flow Rate	L/min	330	480	600	700	1000	1200	1400	2000
Dimension (L×W×H)		cm	170× 85×135	170× 85×135	220× 85×140	250× 126×168	220× 85×140	326× 136×180	350× 115×170	352× 156×200
Unit Conversion: 1kW = 860kcal/hr 1RT = 3024kcal/hr 1BTU/hr = 0.252kcal/hr										

Note: The data above is obtained from condensation temperature35°C and evaporation temperature 5°C.
Power supply：3Φ 380VAC 50Hz;
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