

# Box Type Air Cooled Water Chiller 7 °C

Chilled water inlet temp	12°C
Chilled water outlet temp	7 °C
Ambient temp	≤35 °C
Refrigerant	R22/R404a/R407c/R134a
Power Supply	3Ph/380V/220V/50Hz



Item	Cooling Capacity		Total Power	Chilled Water Flow (m3/h)	Pipe	L	W	H	N.W
	KW	KCal/h	KW			mm	mm	mm	KG
SCLF-3-C-X	7.5	6500	2.9	1.3	DN25	940	750	1330	140
SCLF-5-C-X	12.5	10700	4.5	2.1	DN25	960	750	1370	210
SCLF-7-C-X	18.5	15900	6.4	3.2	DN25	1300	850	1530	300
SCLF-10-C-X	28.5	24400	9	4.9	DN40	1460	850	1530	300
SCLF-12-C-X	33	28400	10.9	5.7	DN40	1560	850	1530	360
SCLF-15-C-X	41.5	35800	13.6	7.2	DN40	1700	1000	1620	650
SCLF-20-C-X	57	49000	18.3	9.8	DN50	1950	1150	1790	750
SCLF-25-C-X	70.8	60900	24.7	12.2	DN50	2100	1250	1610	1050
SCLF-30-C--S-X	83.2	71500	25.7	14.3	DN65	2200	1250	1880	1250
SCLF-40-C--S-X	114	98000	35.3	19.6	DN65	2450	1350	1960	1350

# Box Type Water Cooled Water Chiller 7 °C

Chilled water inlet temp	12 °C
Chilled water outlet temp	7 °C
Refrigerant	R22/R404a/R407c/R134a
Power Supply	3Ph/380V/220V/50Hz
Cooling water inlet temp	30 °C
Cooling water outlet temp	35 °C



Item	Refrigerating Capacity		Total Power KW	Evaporator Cooling Water Flow (m <sup>3</sup> /h)	Conne ction	L	W	H	N.W
	KW	KCal/h				mm	mm	mm	KG
SCLW-3-C-X	8.15	7000	2.7	1.4	DN25	1200	750	900	150
SCLW-5-C-X	13.45	11600	3.7	2.3	DN25	1300	750	1100	220
SCLW-7-C-X	19.9	17100	5.1	3.4	DN25	1445	850	1200	310
SCLW-10-C-X	29.9	25700	7	5.1	DN40	1445	850	1200	360
SCLW-12-C-X	34.7	29800	8.7	6	DN40	1445	850	1200	450
SCLW-15-C-X	44.3	38100	11.2	7.6	DN40	1700	900	1200	450
SCLW-20-C-X	60.7	52200	14.9	10.4	DN50	1850	900	1215	650
SCLW-25-C-X	75	64500	18.6	12.9	DN50	2005	900	1215	1050
SCLW-30-C-S-X	88.6	76200	20.9	15.2	DN65	2260	1000	1200	1250
SCLW-40-C-S-X	121.4	104400	29	20.9	DN65	2450	1200	1280	1350

# Screw Type Water Cooled Water Chiller 7 °C



Chilled water inlet temp	12°C
Chilled water outlet temp	7 °C
Power Supply	3Ph/380V/220V/50Hz
Refrigerant	R22/R404a/R407c/R134a
Evaporator type	Shell
Condenser type	Shell

## Superior performance:

1. Adopt semi-hermetic screw compressors. Integrated motors and compressors. Regardless of the shaft seal leakage
2. Compressor uses unload step-down start to avoid the impact on power grid.

## Low cost in Operation and maintenance

1. Chiller can be intelligent process controlled based on load demand, : 100%, 75%, 50% (or start), 0, energy saving
- 3.The total parts are only one tenth of the piston compressor, simple structure, less wearing parts, without intake valve, **Protection**

1. The compressor motor overheating protection: When the temperature of the motor overheating, the unit shut down
2. freeze protection: When the chilled water temperature is too low, the unit shut down
3. Safety valve protection: When the refrigerant pressure exceeds a certain value, safety exhaust valve opens automatically
4. The above various protection devices make the unit safe and stable operation exhaust valve, not sensitive to wet stroke, very low failure rate.

Item	Refrigerating Capacity		Chilled Water Flow (m3/h)	Connection	L mm	W mm	H mm	Noise dB	NW KG
	KW	KCal/h							
SCLW-100L-C-L	116.7	100300	20	DN65	2400	900	1400	64	900
SCLW-120L-C-L	146.4	125900	25.2	DN65	2400	900	1400	65	1100
SCLW-150L-C-L	179.9	154700	30.9	DN65	2600	900	1500	66	1300
SCLW-170L-C-L	202	173700	34.7	DN80	2800	900	1500	66	1500
SCLW-210L-C-L	247	212400	42.5	DN80	3000	1100	1600	66	1700
SCLW-240L-C-L	281	241600	48.3	DN100	3000	1100	1800	68	1800
SCLW-270L-C-L	321	276000	55.2	DN100	3000	1100	1800	68	1900
SCLW-340L-C-L	396	340500	68.1	DN100	3200	1100	1800	68	2400
SCLW-370L-C-L	437	375800	75.2	DN100	3200	1100	2000	69	2650
SCLW-420L-C-L	492	423000	84.6	DN125	3200	1100	2100	70	2800
SCLW-510L-C-L	600	515900	103.2	DN125	3200	1100	2100	72	2900
SCLW-590L-C-L	690	593300	118.7	DN150	3300	1100	2100	72	3300
SCLW-670L-C-L	781	671500	134.3	DN150	3500	1100	2100	73	3550

# Flood Type Water Cooled Water Chiller

Cooling water inlet temp	12 °C
Cooling water outlet temp	7 °C
Refrigerant	R22/R404a/R407c/R134a
Power Supply	3Ph/380V/220V/50Hz
Refrigerating capacity	0.8-5.3 MBTU



## Superior performance:

1. Adopt semi-hermetic screw compressors. Integrated motors and compressors. Regardless of the shaft seal leakage
2. Compressor uses unload step-down start to avoid the impact on power grid.

## Low cost in Operation and maintenance

1. Chiller can be intelligent process controlled based on load demand, : 100%, 75%, 50% (or start), 0, energy saving
3. The total parts are only one tenth of the piston compressor, simple structure, less wearing parts, without intake valve, **Protection**

1. The compressor motor overheating protection: When the temperature of the motor overheating, the unit shut down
2. freeze protection: When the chilled water temperature is too low, the unit shut down
3. Safety valve protection: When the refrigerant pressure exceeds a certain value, safety exhaust valve opens automatically

Item	Refrigerating Capacity		Evaporator Cooling Water Flow (m3/h)	Voltage	Conne ction	L mm	W mm	H mm	Noise dB	N.W KG
	KW	KCal/h		V/HZ						
SWLS-100L-N	130	111000	22	380/220V 50HZ	DN65	2400	900	1400	65	1100
SWLS-140L-N	163	140000	28	380/220V 50HZ	DN65	2600	900	1500	66	1300
SWLS-160L-N	190	164000	33	380/220V 50HZ	DN65	2800	900	1500	66	1500
SWLS-190L-N	222	191000	38	380/220V 50HZ	DN80	3000	1100	1600	66	1700
SWLS-240L-N	276	237000	48	380/220V 50HZ	DN80	3000	1100	1800	68	1800
SWLS-270L-N	314	270000	54	380/220V 50HZ	DN100	3000	1100	1800	68	1900
SWLS-310L-N	358	308000	62	380/220V 50HZ	DN100	3200	1100	1800	68	2400
SWLS-380L-N	441	379000	76	380/220V 50HZ	DN100	3200	1100	2000	69	2650
SWLS-420L-N	486	418000	84	380/220V 50HZ	DN100	3200	1100	2100	70	2800
SWLS-470L-N	547	470000	94	380/220V 50HZ	DN125	3200	1100	2100	72	2900
SWLS-580L-N	670	576000	115	380/220V 50HZ	DN125	3300	1100	2100	72	3300
SWLS-660L-N	767	660000	132	380/220V 50HZ	DN150	3500	1100	2100	73	3550
SWLS-760L-N	882	758000	152	380/220V 50HZ	DN150	3500	1100	2100	73	3750