



Company Profile

2023



YOHEY SDN BHD

201801020596 (1282615-D)



ABOUT COMPANY



Yohey Sdn Bhd is a dynamic and forward-thinking company dedicated to providing high-quality products and exceptional services to our customers. Established in 2018, our company has rapidly grown to become a trusted name in the industry, serving a diverse range of clients with excellence and professionalism.



VISION & MISSION



● VISION

Our vision is to be the leading provider of chiller sets in the industry, known for our innovative technologies, exceptional customer service, and unwavering commitment to sustainability and environmental responsibility.

● MISSION

At Yohey Sdn Bhd, our mission is to provide superior cooling solutions that enhance the efficiency and productivity of industries and businesses. We are dedicated to delivering high-quality chiller sets that meet the diverse needs of our clients while upholding the highest standards of performance and reliability.



WHY CHOOSE YOHEY SDN BHD?



- **Expertise:** With years of industry experience, we possess the expertise needed to provide top-notch cooling solutions.
- **Quality Assurance:** Our chiller sets undergo rigorous testing and quality control measures to ensure they meet the highest industry standards.
- **Client-Centric Approach:** We prioritize understanding our clients' needs and offering solutions that align perfectly with their requirements.
- **Innovation:** We stay at the forefront of technological advancements in cooling solutions to provide the latest and most efficient products.
- **Timely Delivery:** We understand the importance of deadlines and ensure on-time delivery of our products and services.



OUR PRODUCTS AND SERVICES:



1

CHILLER SETS

We offer an extensive range of chiller sets designed to cater to various industrial and commercial requirements.

2

CUSTOM SOLUTIONS

Our experienced team is skilled at tailoring chiller solutions to match the unique needs of each client, ensuring optimal performance and efficiency.

3

INSTALLATION AND MAINTENANCE

Beyond providing the equipment, we offer installation and maintenance services to ensure the longevity and efficient operation of our chiller sets.

4

TECHNICAL EXPERTISE

Our knowledgeable team is ready to provide technical support, advice, and guidance to help you choose the right chiller solution for your specific application.



OUR PRODUCTS



● AIR-COOLED SCROLL CHILLER

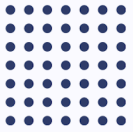


Yohey offers air-cooled scroll chiller with cooling capacities ranging between 14kW and 146kW, the chilled water temperature provided is within a range of 5°C-30°C. These scroll chillers are featured by stable operation, high efficiency and energy saving, which are ideal solution for process cooling applications in data centers, buildings and medical facilities.

We are able to supply appropriate industrial chiller that is made precisely to your specific applications.



AIR-COOLED SCROLL CHILLER SERIES



Model: YSA-5

Cooling capacity: 14.5kW
Total input power: 5.53kW
Compressor type: Scroll
Standard flow rate: 4m³/h
Evaporator: Shell and tube

Model: YSA-10(D)

Cooling capacity: 29kW
Total input power: 11.22kW
Compressor type: Scroll
Standard flow rate: 11.4m³/h
Evaporator: Shell and tube

Model: YSA-15

Cooling capacity: 46.2kW
Total input power: 15.06kW
Compressor type: Scroll
Standard flow rate: 12.5m³/h
Evaporator: Shell and tube

Model: YSA-20(D)

Cooling capacity: 60.2kW
Total input power: 19.96kW
Compressor type: Scroll
Standard flow rate: 25m³/h
Evaporator: Shell and tube

Model: YSA-25(D)

Cooling capacity: 73.2kW
Total input power: 22.36kW
Compressor type: Scroll
Standard flow rate: 25m³/h
Evaporator: Shell and tube

Model: YSA-30(D)

Cooling capacity: 92.4kW
Total input power: 28.96kW
Compressor type: Scroll
Standard flow rate: 25m³/h
Evaporator: Shell and tube

Model: YSA-40(F)

Cooling capacity: 120.4kW
Total input power: 39.2kW
Compressor type: Scroll
Standard flow rate: 48m³/h
Evaporator: Shell and tube

Model: YSA-50(F)

Cooling capacity: 146.4kW
Total input power: 43.92kW
Compressor type: Scroll
Standard flow rate: 48m³/h
Evaporator: Shell and tube



AIR-COOLED SCROLL CHILLER SPECIFICATIONS



Item	Model	YSA-3	YSA-5	YSA-6	YSA-8(D)	YSA-10(D)	YSA-12	YSA-15	YSA-20(D)	YSA-25(D)	YSA-30(D)	YSA-40(F)	YSA-50(F)	YSA-60(F)
Nominal cooling Capacity	Kcal/h	7310	12470	14706	19522	24940	31476	39732	51772	62952	79464	103544	125904	158928
	50HZ/60HZ	8772	14964	17647	23426	29928	37771	47678	62126	75542	95357	124253	151085	190714
	KW	8.5	14.5	17.1	22.7	29	36.6	46.2	60.2	73.2	92.4	120.4	146.4	184.8
Total input power	50HZ/60HZ	10.20	17.40	20.52	27.24	34.80	43.92	55.44	72.24	87.84	110.88	144.48	175.68	221.76
	KW	3.2	5.53	5.93	9.38	11.22	11.72	15.06	19.96	22.36	28.96	39.2	43.92	57.48
Power		3PH-380V-50HZ (200V/220V/415V /460V 50HZ/60HZ)												
Refrigerant	Type	R22 (R134a/R407c)												
	Control method	Expansion valve												
Compressor	Type	Hermetic scroll												
	Power(KW)	2.64	4.4	4.8	7.4	8.8	9.3	12.46	16.2	18.6	24.92	32.4	36.8	49.8
Condenser	Type	Finned copper tube+low noise outer rotor fan.												
	Power(KW)	0.19	0.38	0.38	0.48	0.92	0.92	1.1	1.56	1.56	1.84	2.8	3.12	3.68
	Cooling air flow (m3/h)	3000	5000	6000	8000	10000	12000	15000	20000	25000	30000	40000	50000	60000
Evaporator	Type	Shell and Tube (Water tank with coil)												
	Chilled water flow (m3/h)	1.47	2.50	2.95	3.91	5.00	6.31	7.97	10.38	12.62	15.93	20.76	25.24	31.86
	Tank volume (L)	1.76	3.00	3.54	4.70	6.00	7.57	9.56	12.46	15.14	19.12	24.91	30.29	38.23
	Inlet/outlet pipe caliber	1"	1"	1"	1-1/2"	1-1/2"	2"	2"	2"	2-1/2"	2-1/2"	2-1/2"	3"	3"
	Power(kw)	0.37	0.75	0.75	1.5	1.5	1.5	1.5	2.2	2.2	2.2	4	4	4
Water pump	Lift(m)	20	20	20	20	20	20	20	20	20	20	22	22	23
	Safety protection	Compressor overheating protection, over-current protection, high and low pressure protection, over-temperature protection, flow switch protection, phase sequence or missing phase protection, exhaust overheating protection.												
Dimension	Length(mm)	1030	1140(1300)	1140(1300)	1530(1600)	1530(1600)	1530(1600)	1900(1900)	2000(2200)	2200(2200)	2000(2300)	2100(2300)	2350	2700
	Width(mm)	520	560(650)	560(650)	780(850)	780(850)	780(850)	1050(1050)	1130(1300)	1130(1300)	1480(1480)	1660(1800)	1760	2100
	Height(mm)	1185	1250(1450)	1250(1450)	1630(1810)	1630(1810)	1630(1810)	1800(2020)	1820(2020)	1965(2020)	1890(1900)	2100(2150)	2100	2050
Weight	Kg	150	180	200	350	500	550	850	950	1100	1300	1250	1550	1850

Note: 1. Nominal cooling capacity is according to:

Inlet chilled fluid temperature: 12°C; Outlet chilled fluid temperature: 12°C

Inlet cooling air temperature: 30°C; Outlet cooling air temperature: 35°C

2. Working range:

The temperature range of chilled fluid is from 5°C to 35°C;

Temperature difference between inlet and outlet chilled fluid is from 3°C to 8°C.

It is better to use the chiller while the ambient temperature at or below 35°C.

We reserve the right to modify the above dimensions or parameters without further notice.



WATER-COOLED SCROLL CHILLER



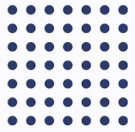
Yohey water-cooled scroll chiller was particularly designed to provide chilled water for central air conditioning system, it can be widely applied in medium and small-size offices, factories, restaurants and villas for cooling needs. Our water-cooled chiller can be configured with multiple compressors, providing improved energy efficiency in comparison with split air conditioner.

The water-cooled scroll chiller adopts shell & tube evaporator to ensure high efficiency, excellent energy saving and reliable stability, stainless steel plate evaporator is also configurable as per your request. A range of eco-friendly refrigerants is available, such as R22, R407C, R410A and R134A.

Cooling capacity: 15.8kW-161kW
Chilled water temperature: 5°C-30°C



WATER-COOLED SCROLL CHILLER SERIES



Model: YSW-5

Cooling capacity: 15.8kW
Total input power: 4.05kW
Compressor type: Scroll
Standard flow rate: 4m³/h
Evaporator: Shell and tube

Model: YSW-10(D)

Cooling capacity: 31.6kW
Total input power: 8.1kW
Compressor type: Scroll
Standard flow rate: 11.4m³/h
Evaporator: Shell and tube

Model: YSW-15

Cooling capacity: 51kW
Total input power: 11.7kW
Compressor type: Scroll
Standard flow rate: 12.5m³/h
Evaporator: Shell and tube

Model: YSW-20(D)

Cooling capacity: 68kW
Total input power: 15.4kW
Compressor type: Scroll
Standard flow rate: 25m³/h
Evaporator: Shell and tube

Model: YSW-25(D)

Cooling capacity: 80.6kW
Total input power: 17.8kW
Compressor type: Scroll
Standard flow rate: 25m³/h
Evaporator: Shell and tube

Model: YSW-30(D)

Cooling capacity: 102kW
Total input power: 22.6kW
Compressor type: Scroll
Standard flow rate: 25m³/h
Evaporator: Shell and tube

Model: YSW-40(F)

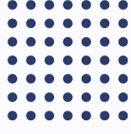
Cooling capacity: 136kW
Total input power: 30.4kW
Compressor type: Scroll
Standard flow rate: 48m³/h
Evaporator: Shell and tube

Model: YSW-50(F)

Cooling capacity: 161.2kW
Total input power: 45.2kW
Compressor type: Scroll
Standard flow rate: 48m³/h
Evaporator: Shell and tube



WATER-COOLED SCROLL CHILLER SPECIFICATIONS



Item	Model		YSW-3	YSW-5	YSW-6	YSW-8(D)	YSW-10(D)	YSW-12	YSW-15	YSW-20(D)	YSW-25(D)	YSW-30(D)	YSW-40(F)	YSW-50(F)	YSW-60(F)
	Nominal cooling Capacity	Kcal/h 50HZ/60HZ	8944 10733	13588 16306	16340 19608	22446 26935	27176 32611	34658 41590	43860 52632	55900 67080	69316 83179	87720 105264	111800 134160	138632 166358	175440 210528
Total input power		KW 50HZ/60HZ	10.4 12.48	15.8 18.96	19 22.80	26.1 31.32	31.6 37.92	40.3 48.36	51 61.20	65 78.00	80.6 96.72	102 122.40	130 156.00	161.2 193.44	204 244.80
Power		KW	2.47	3.85	4.45	6.7	8.1	9.3	11.7	15.6	17.8	22.6	30.8	35.2	44.8
3PH 380V 50HZ(200V/220V/415V/460V 50HZ/60HZ)															
Refrigerant	Type		R22(R134a/R407c)												
	Control method		Expansion valve												
Compressor	Type		Hermetic scroll												
	Power(KW)		Shell and Tube												
Condenser	Type		Shell and Tube												
	Cooling water flow(m3/h)		2.1	3.3	3.9	5.2	6.6	7.8	10.2	13.4	15.6	20.4	26.8	31.2	40.8
Evaporator	Type		Shell and Tube												
	Chilled water flow (m3/h)		2.2	3.3	3.9	5.4	6.5	8.3	10.6	13.4	16.7	21.1	26.9	33.4	42.2
Water pump	Type		2.6	3.9	4.7	6.5	7.8	10.0	12.7	16.1	20.0	25.3	32.3	40.0	50.6
	Inlet/outlet pipe caliber		1"	1-1/2"	1-1/2"	1-1/2"	1 1/2"	2"	2"	2"	2"	2-1/2"	2-1/2"	3"	4"
Safety protection	Type		Shell and Tube												
	Chilled water flow (m3/h)		1.8	2.7	3.3	4.5	5.4	6.9	8.8	11.2	13.9	17.6	22.4	27.8	35.2
Dimension	Type		2.2	3.3	3.9	5.4	6.5	8.3	10.6	13.4	16.7	21.1	26.9	33.4	42.2
	Tank volume (L)		60	60	60	75	75	75	175	175	175	195	480	480	480
Weight	Type		1"	1"	1"	1-1/2"	1-1/2"	2"	2"	2"	2"	2-1/2"	2-1/2"	3"	3"
	Inlet/outlet pipe caliber		0.37	0.55	0.55	1.5	1.5	1.5	1.5	2.2	2.2	2.2	4	4	4
Safety protection	Type		Shell and Tube												
	Power(kw)		20	20	20	22	20	20	20	20	20	20	22	22	22
Dimension	Type		Shell and Tube												
	Lift(m)		1100	1100	1100	1170	1170	1170	1800	1800	1800	1880	2350	2350	2650
Weight	Type		600	600	600	800	800	800	950	950	950	950	1100	1100	1400
	Length(mm)		1200	1200	1200	1300	1300	1300	1700	1700	1700	1820	1980	1980	2000
Dimension	Type		Shell and Tube												
	Width(mm)		170	180	210	350	500	600	850	950	1100	1250	1600	1700	1800
Weight	Type		Shell and Tube												
	Height(mm)		1100	1100	1100	1170	1170	1170	1800	1800	1800	1880	2350	2350	2650

Note: 1.Nominal cooling capacity is according to:
Inlet chilled fluid temperature: 17°C; Outlet chilled fluid temperature: 12°C
Inlet cooling water temperature: 30°C; Outlet cooling water temperature: 35°C

2. Working Range:
The temperature range of chilled fluid is from 5°C to 35°C;
Temperature difference between inlet and outlet chilled fluid is from 3°C to 8°C;
The temperature range of cooling water is from 18°C to 37°C;
Temperature difference between inlet and outlet cooling water is from 3.5°C to 10°C.
We reserve the right to modify the above dimensions or parameters without further notice.



INTEGRATED WATER-COOLED SCREW CHILLER



This integrated water-cooled screw chiller is an integrated industrial cooling unit containing chiller, water pump, water tank and control panel. The integrated water-cooled chiller is easy to install and easy to operate, greatly lowering installation cost.

Our integrated water-cooled screw chillers are available in over 10 models, giving customers a wide choice of cooling capacities from 143kW up to 805kW. Please tell us your requirements, our professional engineers are delighted to recommend appropriate industrial chiller to meet your specific application needs.



INTEGRATED WATER-COOLED SCREW CHILLER SERIES



Model: YRW-050WSHI

Cooling capacity: 187.7kW
Total input power: 49kW
Max. running current: 110.9A
Compressor type: Screw
Evaporator: Shell and tube
Tank volume: 1500 L

Model: YRW-060WSHI

Cooling capacity: 201.6kW
Total input power: 56kW
Max. running current: 127.4A
Compressor type: Screw
Evaporator: Shell and tube
Tank volume: 2000 L

Model: YRW-075WSHI

Cooling capacity: 269.7kW
Total input power: 71kW
Max. running current: 162.0A
Compressor type: Screw
Evaporator: Shell and tube
Tank volume: 3000 L

Model: YRW-085WSHI

Cooling capacity: 317.8kW
Total input power: 79kW
Max. running current: 179.4A
Compressor type: Screw
Evaporator: Shell and tube
Tank volume: 3000 L

Model: YRW-100WSHI

Cooling capacity: 373.9kW
Total input power: 89kW
Max. running current: 202.6A
Compressor type: Screw
Evaporator: Shell and tube
Tank volume: 3000 L

Model: YRW-120WSHI

Cooling capacity: 437.9kW
Total input power: 114kW
Max. running current: 260.5A
Compressor type: Screw
Evaporator: Shell and tube
Tank volume: 4000 L

Model: YRW-140WSHI

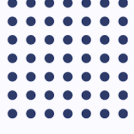
Cooling capacity: 531.8kW
Total input power: 143kW
Max. running current: 325.5A
Compressor type: Screw
Evaporator: Shell and tube
Tank volume: 5000 L

Model: YRW-160WSHI

Cooling capacity: 614.7kW
Total input power: 159KW
Max. running current: 361.9A
Compressor type: Screw
Evaporator: Shell and tube
Tank volume: 5000 L



WATER-COOLED SCROLL CHILLER SPECIFICATIONS



Item	Model	YRW-40WSHI	YRW-50WSHI	YRW-60WSHI	YRW-75WSHI	YRW-85WSHI	YRW-100WSHI	YRW-120WSHI	YRW-140WSHI	YRW-160WSHI
Cooling capacity	Cooling capacity	143	187.7	201.6	269.7	317.8	373.9	437.9	531.8	614.7
	Compressor Power	31.3	39	42.9	56.1	63.7	73.9	88.3	105.8	121.8
Total input power (kw)		41	49	56	71	79	89	114	143	159
Max.running current (A)		93.0	110.5	127.4	162.0	179.4	202.6	260.5	325.5	361.9
Refrigerant	Type	R22 (R407c)								
	Charge (kg)	26	30	36	49	54	65	68	90	100
Compressor	Control method	Expansion valve								
	Type	Semi-hermetic screw								
	Start-up mode	Y- Δ								
Evaporator	Capacity control (%)	0-33-66-100								
	Type	0-25-50-75-100								
	Chilled water flow (m3/h)	Shell and tube								
Condenser	Inlet/outlet pipe caliber	24.6	32.3	34.7	46.4	54.7	64.3	75.3	91.5	105.7
	Type	3"	3"	3"	4"	4"	4"	5"	5"	5"
	Cooling water flow (m3/h)	Shell and tube								
Safety protection	Inlet/outlet pipe caliber	30.7	40.3	43.3	58.0	68.3	80.4	94.1	114.3	132.1
	Type	3"	3"	3"	4"	4"	4"	5"	5"	5"
	Compressor over temperature protection,over load protection,high and low pressure protection,flow switch protection,reverse and lacking phase protection,anti-freezing protection,fusible plug.									
Square water tank	Tank volume	1500L	1500L	2000L	3000L	3000L	3000L	4000L	5000L	5000L
	Power (KW)	5.5	5.5	7.5	7.5	7.5	7.5	15.0	15.0	15.0
	Lift (m)	25.5	24.5	24.6	24.1	23.6	23.6	26.2	26.2	25.7
Internal circulation water pump	Power (KW)	4	4	5.5	7.5	7.5	7.5	11	22	22
	Lift (m)	20	20	20	22	22	22	20	32	32
Dimension	Length(mm)	3200	3200	3300	3600	3600	3900	3900	4300	4300
	Width(mm)	1700	2000	2300	2300	2300	2400	2400	2400	2400
	Height(mm)	1883	1883	1883	1995	1995	2400	2400	2400	2400
Net weight (KG)		1580	1860	1930	2185	2290	2360	2630	2910	3150
Running weight (KG)		3180	3460	4100	5230	5450	5560	6690	8300	8550

Note: 1.Nominal cooling capacity is according to:

Inlet chilled fluid temperature: 17°C; Outlet chilled fluid temperature: 12°C

Inlet cooling water temperature: 30°C; Outlet cooling water temperature: 35°C

2. Working Range:

The temperature range of chilled fluid is from 5°C to 35°C;

Temperature difference between inlet and outlet chilled fluid is from 3°C to 8°C.

The temperature range of cooling water is from 18°C to 37°C;

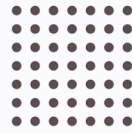
Temperature difference between inlet and outlet cooling water is from 3.5°C to 10°C.

We reserve the right to modify the above dimensions or parameters without further notice.



YOHEY SDN BHD

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