





Ningbo Dekon Refrigeration Equipment Co., Ltd, a large-scale industry and trade integrated company , is one of the leading manufacture and supplier for air conditioner products and ventilation systems in China. Products focus on air cooled or water cooled chiller; air handling units; water fan coil units; VRF air conditioner; light commercial air conditioner and special function industrial air conditioner.

Designing and manufacturing a wide range of A/C and ventilation products, we can supply models for use in residential apartments, houses, commercial buildings, hotels, shopping malls and public venues. Marketing all series under our proprietary brand "DEKON" , we can also complete ODM and OEM orders as per customers' requirements.

DEKON strives for better air in your home, hotel, shopping Center and office buildings. And our aim is to supply our air conditioner product to each corner of the world !

AIR COOLED SCREW CHILLER



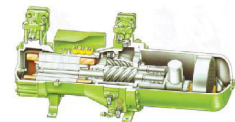
Nomenclature

ASWC	B	216	B	R	2	H	C	
								C- Low Ambient Temperature Unit G- T3 Ambient Temperature Unit
								Heat Recovery : H- Partial Heat Recovery, T- Total Heat Recovery
								Refrigerant: 1- R134a, 2- R407C, Omitted- R22
								Function Type: R- Heat Pump, W- Hot Water, Omitted- Cooling Only
								Design Version
								Model Code (216 refers to 216TR cooling capacity)
								Compressor Quantity (A=1 Compressor, B=2 compressors, C= 3 Compressors)
								Dekon Air Cooled Screw Chiller

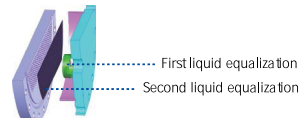
Product Features

Higher efficiency and energy saving

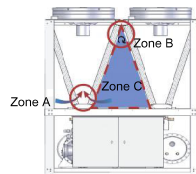
- High efficiency screw compressor dedicated in heat pump is with advanced gear type design, high precisely machined and high volumetric efficiency, utilization of branded fluorine endurance motor in the compressor resulted in high efficiency in different working conditions.
- Apply strengthened heat transfer technology to enhance heat transfer efficiency of evaporator and condenser, which could increase the evaporating temperature and reduce the condensing temperature. Thanks to that the C.O.P is improved obviously.
 - ☆ High efficient water side heat exchanger
 - ① Optimize the refrigerant phase and flow rate. Higher heat transfer efficiency thanks to un-match arranging of heat exchange tube.
 - ② Patented double stage liquid equivalent device distributes the refrigerant evenly and has higher heat transfer efficiency.
 - ③ Apply high efficient heat exchange tube increasing the heat transfer efficiency 15%.
 - ☆ High efficient air side heat exchanger
 - ① Adopt optimized inverted "M" shaped structure, which could improve the air flow and the ventilated efficiency to avoid air mass interfering each other. More equality air distribution realizes a higher heat exchange performance.
 - ② Unique and un-matched refrigerant circuit could adapt the change of refrigerant phase and increase the heat exchange rate.



High efficient screw compressor

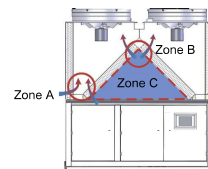


Liquid equivalent device



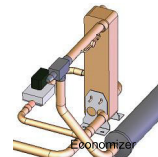
Normal

- ☆ Zone A air flow mixing, small air volume in the bottom
- ☆ Zone B form the vortex
- ☆ Bad ventilation in Zone C



Inverted "M" shaped

- ☆ Big angle in zone A, air flow will not interfere each other
- ☆ Big angle in zone B, no vortex
- ☆ Good ventilation in zone C, air velocity uniformity of the coil

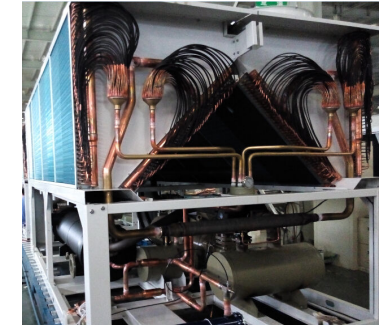


Economizer

- Advanced economizer technology increases the unit performance obviously.
- It has multi refrigerant circuit design, low start up current, high efficient partial load and standby function.
- Small inner pressure of tube ensures the unit in the best performance.
- Stepless capacity regulating, meet with the change of load flexibly, high efficient partial load.

Strengthen Heating

- Inverted "M" shaped air side heat exchanger with high heat transfer ratio, thanks to that evaporate temperature increased 2 °C, heating capacity increase 6.5%.
- Patent and advanced heat pump capacity upgraded device, change the arrangement of coil tube, increase the efficiency of heat exchanger and the heating capacity of unit.
- Advanced economizer not only increases the heating capacity but also avoids badly reduction of heating capacity when ambient temperature goes down.
- Excellent defrost function:
 - ☆ Air side heat exchanger has an average of heat exchange ratio, high frosting uniformity, long defrost interval cycle.
 - ☆ Automatic defrosting control logic, to avoid unnecessary heating loss and ensure the heating capacity.



Quiet Operation

- Semi-hermetic screw compressor, double shell and equipped with standard shock pad, stable operation with low noise:
- Axial fans are statically and dynamically balanced, quiet operation



Advanced Control

- Use SIMENS PLC microcomputer controller
- Friendly and beautiful interface, easy operation: user is only to open/close the unit, select the mode and set the water temperature.
- Stepless capacity regulation, temperature control accuracy is as high as $\pm 0.5^{\circ}\text{C}$ to ensure a comfort indoor environment
- Advanced central monitoring system, multi unit group control, easy management and auto judgment of the air conditioner load to optimize the operation efficiency.
 - ☆ Group control (8 units)
 - ☆ Automatically record and save the operation parameter, which is more convenience for manufacture to provide professor technology service.
 - ☆ Short message function when there is faulty.
 - ☆ Brief operation management reduces the risk of manual operation by mistake.
 - ☆ Auto judgment of the air conditioner load to optimize the operation efficiency.

R22 Series Parameter

ASWC-B(R)(H)(C)		A67	A78	A87	A93	A108	A130	A142	A153	A170	A185	
Cooling Capacity		kW	235.9	270.5	308.3	340.5	373.0	450.0	498.6	531.2	602.4	641.0
Heating Capacity		kW	264.2	303.0	345.3	381.4	417.8	504.0	558.4	594.9	674.7	717.9
Partial Heat Recovery		W	60.2	69.0	78.6	86.8	95.1	114.8	127.1	135.5	153.6	163.5
Performance Electrical	Power Supply		380V/3N ~ /50Hz									
	Rated Input Power	kW	73.5	85.7	95.1	107.3	117.8	141.8	157.1	164.6	187.3	202.
	Rated Input Current	A	131.4	153.2	170.0	191.8	210.6	253.5	280.8	294.2	334.8	361.3
Compressor	Type		5-6 unmatched gase type semi hermetic screw compressor									
	Q ty	Set	1	1	1	1	1	1	1	1	1	1
	Start Up		Y-△									
	Capacity Regulating		25% ~ 100%									
	Input Power	kW	66.3	76.9	84.3	96.5	104.6	127.4	142.7	146.6	169.3	180.1
Axial Fan	Type		Water proof, weather proof, low noise, high efficiency axial fan									
	Q ty		4	4	6	6	6	8	8	10	10	10
	Motor Total Power	kW	7.2	8.8	10.8	10.8	13.2	14.4	14.4	18.0	18.0	22.0
Water Side Heat Exchanger	Type		High efficient shell and tube heat exchanger									
	Water Flow Rate	m³/h	40.6	46.5	53.0	58.6	64.2	77.4	85.8	91.4	103.6	110.3
	Water Pressure Drop	kPa	70	70	70	70	70	70	70	70	70	70
	Connection Pipe	DN	80FLG	80FLG	100FLG	100FLG	100FLG	125FLG	125FLG	125FLG	150FLG	150FLG
	Working Pressure	MPa	1.6									
	Type		High efficient shell and tube heat exchanger									
Partial Heat Recovery	Water Flow Rate	m³/h	10.3	11.9	13.5	14.9	16.4	19.7	21.9	23.3	26.4	28.1
	Water Pressure Drop	kPa	45	45	45	45	45	45	45	45	45	45
	Connection Pipe	DN	50FLG	50FLG	50FLG	50FLG	65FLG	65FLG	65FLG	65FLG	65FLG	65FLG
	Working Pressure	MPa	1.6									
	Type		R22									
Outline	L	mm	2430	2430	3435	3435	3435	4400	4400	5365	5365	5365
	W	mm	2235	2235	2235	2235	2235	2235	2235	2235	2235	2235
Refrigerant	H	mm	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
	Type		R22									
	Charge	kg	69	76	85	95	107	120	130	150	165	170
Operation Weight		kg	3050	3350	4100	4200	4300	4800	5100	5400	5800	6100

Note:

1. Nominal cooling condition: water outlet 7℃, air intake 35℃.
2. Nominal heating condition: water outlet 45℃, air intake 7℃ DB/6℃ WB.
3. Partial heat recovery highest water outlet temperature 55℃.
4. Max input power is 1.25 times of the nominal input power

R22 Series Parameter

ASWC-B(R)(H)(C)		B216	B260	B284	B306	B340	B370	C390	C426	C459	C510	
Cooling Capacity		kW	746.0	900.0	997.2	1062.4	1204.8	1282.0	1350.0	1495.8	1593.6	1800.0
Heating Capacity		kW	835.5	1008.0	1116.9	1189.9	1349.4	1435.8	1512.0	1675.3	1784.8	2024.1
Partial Heat Recovery		kW	190.2	229.5	254.3	270.9	307.2	326.9	344.3	381.4	406.4	460.8
Performance Electrical	Power Supply		380V/3N ~ /50Hz									
	Rated Input Power	kW	235.6	283.6	314.2	329.2	374.6	404.2	425.4	471.3	493.8	561.9
	Rated Input Current	A	421.1	506.9	561.6	588.4	669.6	722.5	760.4	842.4	882.7	1004.4
Compressor	Type		5-6 unmatched gare type semi hermetic screw compressor									
	Q ty	Set	2	2	2	2	2	2	3	3	3	3
	Start Up		Y-△									
	Capacity Regulating		12.5% ~ 100%						8.3% ~ 100%			
	Input Power	kW	209.2	254.8	285.4	293.2	338.6	360.2	382.2	428.1	439.8	507.9
Axial Fan	Type		Water proof, weather proof, low noise, high efficiency axial fan									
	Q ty		12	16	16	20	20	20	24	24	30	30
	Motor Total Power	kW	26.4	28.8	28.8	36.0	36.0	44.0	43.2	43.2	54.0	54.0
Water Side Heat Exchanger	Type		High efficient shell and tube heat exchanger									
	Water Flow Rate	m³/h	128.3	154.8	171.5	182.7	207.2	220.5	232.2	257.3	274.1	309.6
	Water Pressure Drop	kPa	70	70	70	70	70	70	70	70	70	70
	Connection Pipe	DN	100FLG×25	125FLG×2	125FLG×2	125FLG×2	150FLG×2	150FLG×2	125FLG×3	125FLG×3	125FLG×3	150FLG×3
	Working Pressure	MPa	1.6									
Partial Heat Recovery	Type		High efficient shell and tube heat exchanger									
	Water Flow Rate	m³/h	32.7	39.5	43.7	46.6	52.8	56.2	59.2	65.6	69.9	79.3
	Water Pressure Drop	kPa	45	45	45	45	45	45	45	45	45	45
	Connection Pipe	DN	65FLG×2	65FLG×2	65FLG×2	65FLG×2	65FLG×2	65FLG×2	65FLG×3	65FLG×3	65FLG×3	65FLG×3
	Working Pressure	MPa	1.6									
Outline	L	mm	6870	8800	8800	10730	10730	10730	13200	13200	16095	16095
	W	mm	2235	2235	2235	2235	2235	2235	2235	2235	2235	2235
	H	mm	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
Refrigerant	Type		R22									
	Charge	kg	214	240	260	300	330	340	360	390	450	495
O peration Weight		kg	8600	9600	10200	10800	11600	12200	14400	15300	16200	17400

Note:

1. Nominal cooling condition: water outlet 7℃, air intake 35℃.
2. Nominal heating condition: water outlet 45℃, air intake 7℃ DB/6℃ WB.
3. Partial heat recovery highest water outlet temperature 55℃.
4. Max input power is 1.25 times of the nominal input power

R22 Series Parameter (Total Heat Recovery)

		ASWC—B(R)(T)(W)	A67	A78	A87	A93	A108	A130	A142	A153	A170	A185
AC	Cooling Capacity	kW	235.9	270.5	308.3	340.5	373.0	450.0	498.6	531.2	602.4	641.0
	Heating Capacity	kW	264.2	303.0	345.3	381.4	417.8	504.0	558.4	594.9	674.7	717.9
	Rated Input Power	kW	73.5	85.7	95.1	107.3	117.8	141.8	157.1	164.6	187.3	202.1
	Rated Operation Current	A	131.4	153.2	170.0	191.8	210.6	253.5	280.8	294.2	334.8	361.3
Cooling+	Cooling Capacity	kW	240.6	275.9	314.5	347.3	380.5	459.0	508.6	541.8	614.4	653.8
	Hot Water Heating Capacity	kW	297.1	341.5	386.0	429.6	469.5	567.6	630.4	666.3	758.6	807.2
	Rated Input Power	kW	72.8	84.9	94.3	106.3	116.8	140.5	155.7	162.7	185.6	200.3
	Rated Operation Current	A	130.2	151.8	168.5	190.1	208.7	251.2	278.3	290.9	331.8	358.0
Hot Water	Hot Water Heating Capacity	kW	309.1	354.5	404.0	446.2	488.8	589.7	653.4	696.1	789.4	840.0
	Hot Water Production	m³/h	6.65	7.63	8.69	9.60	10.52	12.69	14.06	14.98	16.99	18.08
	Rated Input Power	kW	67.1	78.2	86.8	97.9	107.5	129.4	143.4	150.2	170.9	184.5
	Rated Operation Current	A	119.9	139.8	155.2	175.1	192.2	231.3	256.3	268.5	305.6	329.7
Power Supply		380V/3N ~ /50Hz										
Compressor	Type		5-6 unmatched gase type semi hermetic screw compressor									
	Qty	Set	1	1	1	1	1	1	1	1	1	1
	Start Up		Y—△									
	Capacity Regulating		25% ~ 100%									
Axial Fan	Type		Water proof, weather proof, low noise, high efficiency axial fan									
	Q ty		4	4	6	6	8	8	8	10	10	10
	Motor Total Power	kW	7.2	8.8	10.8	10.8	13.2	14.4	14.4	17.6	18.0	22.0
	Type		High efficient shell and tube heat exchanger									
Water Side Heat Exchanger	Water Flow Rate	m³/h	40.6	46.5	53.0	58.6	64.2	77.4	85.8	91.4	103.6	110.3
	Water Pressure Drop	kPa	70	70	70	70	70	70	70	70	70	70
	Connection Pipe	DN	80FLG	80FLG	100FLG	100FLG	100FLG	125FLG	125FLG	125FLG	150FLG	150FLG
	Working Pressure	MPa	1.6									
Heat Exchanger Hot Water Side	Type		High efficient plate heat exchanger									
	Water Flow Rate	m³/h	53.2	61.0	69.5	76.7	84.1	101.4	112.4	119.7	135.8	144.5
	Water Pressure Drop	kPa	40	40	45	45	50	50	50	65	65	65
	Connection Pipe	in	3	3	3	3	3	3	3	3	3	3
O Jline	Working Pressure	MPa	1.6									
	L	mm	2430	2430	3435	3435	3435	4400	4400	5365	5365	5365
	W	mm	2235	2235	2235	2235	2235	2235	2235	2235	2235	2235
	H	mm	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
Refrigerant	Type		R22									
	Charge	kg	83	91	102	114	128	144	156	180	198	204
	Operation Weight	kg	3660	4020	4920	5040	5160	5760	6120	6480	6960	7320

Note:

1. Nominal cooling condition: AC water outlet temperature 7℃, air intake temperature 35℃.
2. Nominal heating condition: AC water outlet temperature 45℃, air intake temperature 7℃DB/6℃WB.
3. Cooling+ hot water condition: AC water outlet temperature 7℃, hot water outlet temperature 45℃.
4. Hot water condition: water tank initial temperature 15℃, final temperature 55℃, ambient temperature 20℃DB/15℃WB
5. Hot water heating capacity: average heating capacity in nominal condition: rated power: average input power in nominal condition.
6. Unit max. input power is 1.25 times of rated input power.
7. The connection way of water pipe in hot water side heat exchanger is by hoop.

R22 Series Parameter (Total Heat Recovery)

ASWC—B(R)(T)(W)			B216	B260	B284	B306	B340	B370	C390	C426	C459	C510
AC	Cooling Capacity	kW	746.0	900.0	997.2	1062.4	1204.8	1282.0	1350.0	1495.8	1593.6	1800.0
	Heating Capacity	kW	835.5	1008.0	1116.9	1189.9	1349.4	1435.8	1512.0	1675.3	1784.8	2024.1
	Rated Input Power	kW	235.6	283.6	314.2	329.2	374.6	404.2	425.4	471.3	493.8	561.9
	Rated Operation Current	A	421.1	506.9	561.6	588.4	669.6	722.5	760.4	842.4	882.7	1004.4
Cooling+	Cooling Capacity	kW	760.9	918.0	1017.2	1083.6	1228.9	1307.6	1377.0	1525.7	1625.5	1843.3
	Hot Water Heating Capacity	kW	939.0	1135.1	1260.7	1332.7	1517.2	1614.3	1702.7	1891.1	1999.0	2275.8
	Rated Input Power	kW	233.5	281.1	311.3	325.5	371.2	400.6	421.6	467.0	488.2	556.8
	Rated Operation Current	A	417.4	502.4	556.5	581.8	663.5	716.1	753.6	834.8	872.7	995.3
Hot Water	Hot Water Heating Capacity	kW	977.6	1179.4	1306.7	1392.2	1578.8	1679.9	1769.0	1960.1	2088.3	2368.2
	Hot Water Production	m³/h	21.0	25.4	28.1	30.0	34.0	36.2	38.1	42.2	44.9	51.0
	Rated Input Power	kW	215.0	258.8	286.8	300.5	341.9	368.9	388.3	430.2	450.7	512.8
	Rated Operation Current	A	384.4	462.7	512.6	537.1	611.1	659.4	694.0	768.9	805.6	916.7
Power Supply			380V/3N ~ /50Hz									
Compressor	Type		5-6 unmatched gase type semi hermetic screw compressor									
	Qty	Set	2	2	2	2	2	2	3	3	3	3
	Start Up		Y—△									
	Capacity Regulating		12.5% ~ 100%						8.3% ~ 100%			
Axial Fan	Type		Water proof, weather proof, low noise, high efficiency axial fan									
	Q ty		12	16	16	16	20	20	24	24	24	30
	Motor Total Power	kW	26.4	28.8	28.8	35.2	36.0	44.0	43.2	43.2	52.8	54.0
	Type		High efficient shell and tube heat exchanger									
Water Side Heat Exchanger	Water Flow Rate	m³/h	128.3	154.8	171.5	182.7	207.2	220.5	232.2	257.3	274.1	309.6
	Water Pressure Drop	kPa	70	70	70	70	70	70	70	70	70	70
	Connection Pipe	DN	100FLG×2	125FLG×2	125FLG×2	125FLG×2	50FLG×2	150FLG×2	125FLG×3	125FLG×3	125FLG×3	150FLG×3
	Working Pressure	MPa	1.6									
Heat Exchanger Hot Water Side	Type		High efficient plate heat exchanger									
	Water Flow Rate	m³/h	168.1	202.8	224.8	239.5	271.5	288.9	304.3	337.1	359.2	407.3
	Water Pressure Drop	kPa	50	50	50	65	65	65	50	65	65	65
	Connection Pipe	in	3×2	3×2	3×2	3×2	3×2	3×2	3×3	3×3	3×3	3×3
O Jline	Working Pressure	MPa	1.6									
	L	mm	6870	8800	8800	10730	10730	10730	13200	13200	16095	16095
	W	mm	2235	2235	2235	2235	2235	2235	2235	2235	2235	2235
	H	mm	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
Refrigerant	Type		R22									
	Charge	kg	256.8	288	312	360	396	408	432	468	540	594
	Operation Weight	kg	10320	11520	12240	12960	13920	14640	17280	18360	19440	20880

Note:

1. Nominal cooling condition: AC water outlet temperature 7℃, air intake temperature 35℃.
2. Nominal heating condition: AC water outlet temperature 45℃, air intake temperature 7℃DB/6℃WB.
3. Cooling+ hot water condition: AC water outlet temperature 7℃, hot water outlet temperature 45℃.
4. Hot water condition: water tank initial temperature 15℃, final temperature 55℃, ambient temperature 20℃DB/15℃WB
5. Hot water heating capacity: average heating capacity in nominal condition: rated power: average input power in nominal condition.
6. Unit max. input power is 1.25 times of rated input power.
7. The connection way of water pipe in hot water side heat exchanger is by hoop.

R407C Series Parameter

ASWC-B(R) 2(H)(C)		A67	A78	A87	A93	A108	A130	A142	A153	A170	A185	
Cooling Capacity		kW	220.6	252.9	288.3	318.4	348.8	420.8	466.2	496.7	563.2	599.3
Heating Capacity		kW	244.4	280.2	319.4	352.8	386.4	466.2	516.5	550.3	624.1	664.1
Partial Heat Recovery		kW	56.2	64.5	73.5	81.2	88.9	107.3	118.9	126.7	143.6	152.8
Performance Electrical	Power Supply		380V/3N ~ /50Hz									
	Rated Input Power	kW	71.8	83.8	93.0	104.9	115.2	138.6	153.5	160.9	183.1	197.6
	Rated Input Current	A	128.4	149.8	166.2	187.5	205.9	247.8	274.4	287.7	327.2	353.2
Compressor	Type		5-6 unmatched gare type semi hermetic screw compressor									
	Q ty	Set	1	1	1	1	1	1	1	1	1	1
	Start Up		Y-△									
	Capacity Regulating		25% ~ 100%									
	Input Power	kW	64.6	75.0	82.2	94.1	102.0	124.2	139.1	142.9	165.1	175.6
Axial Fan	Type		Water proof, weather proof, low noise, high efficiency axial fan									
	Q ty		4	4	6	6	6	8	8	10	10	10
	Motor Total Power	kW	7.2	8.8	10.8	10.8	13.2	14.4	14.4	18.0	18.0	22.0
Water Side Heat Exchanger	Type		High efficient shell and tube heat exchanger									
	Water Flow Rate	m³/h	37.9	43.5	49.6	54.8	60.0	72.4	80.2	85.4	96.9	103.1
	Water Pressure Drop	kPa	70	70	70	70	70	70	70	70	70	70
	Connection Pipe	DN	80FLG	80FLG	100FLG	100FLG	100FLG	125FLG	125FLG	125FLG	150FLG	150FLG
	Working Pressure	MPa	1.6									
	Type		High efficient shell and tube heat exchanger									
Partial Heat Recovery	Water Flow Rate	m³/h	9.7	11.1	12.6	14.0	15.3	18.5	20.4	21.8	24.7	26.3
	Water Pressure Drop	kPa	45	45	45	45	45	45	45	45	45	45
	Connection Pipe	DN	50FLG	50FLG	50FLG	50FLG	65FLG	65FLG	65FLG	65FLG	65FLG	65FLG
	Working Pressure	MPa	1.6									
Outline	L	mm	2430	2430	3435	3435	3435	4400	4400	5365	5365	5365
	W	mm	2235	2235	2235	2235	2235	2235	2235	2235	2235	2235
	H	mm	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
Refrigerant	Type		R407C									
	Charge	kg	69	76	85	95	107	120	130	150	165	170
Operation Weight		kg	3050	3350	4100	4200	4300	4800	5100	5400	5800	6100

- Note:
1. Nominal cooling condition: water outlet 7℃, air intake 35℃.
 2. Nominal heating condition: water outlet 45℃, air intake 7℃ DB/6℃ WB.
 3. Partial heat recovery highest water outlet temperature 55℃.
 4. Max input power is 1.25 times of the nominal input power

R407C Series Parameter

ASWC-B(R) 2(H)(C)		B216	B260	B284	B306	B340	B370	C390	C426	C459	C510	
Cooling Capacity		kW	697.5	841.5	932.4	993.3	1126.5	1198.7	1262.3	1398.6	1490.0	1689.7
Heating Capacity		kW	772.8	932.4	1033.1	1100.6	1248.1	1328.1	1398.6	1549.6	1650.9	1872.2
Partial Heat Recovery		kW	177.9	214.6	237.8	253.3	287.3	305.7	321.9	356.6	380.0	430.9
Performance Electrical	Power Supply		380V/3N ~ /50Hz									
	Rated Input Power	kW	230.4	277.2	307.1	321.9	366.1	395.2	415.8	460.6	482.8	549.2
	Rated Input Current	A	411.8	495.5	548.9	575.3	654.5	706.4	743.3	823.3	863.0	981.7
Compressor	Type		5-6 unmatched gare type semi hermetic screw compressor									
	Q ty	Set	2	2	2	2	2	2	3	3	3	3
	Start Up		Y-△									
	Capacity Regulating		12.5% ~ 100%						8.3% ~ 100%			
	Input Power	kW	204.0	248.4	278.3	285.9	330.1	351.2	372.6	417.4	428.8	495.2
Axial Fan	Type		Water proof, weather proof, low noise, high efficiency axial fan									
	Q ty		12	16	16	20	20	20	24	24	30	30
	Motor Total Power	kW	26.4	28.8	28.8	36.0	36.0	44.0	43.2	43.2	54.0	54.0
Water Side Heat Exchanger	Type		High efficient shell and tube heat exchanger									
	Water Flow Rate	m³/h	120.0	144.7	160.4	170.9	193.8	206.2	217.1	240.6	256.3	290.6
	Water Pressure Drop	kPa	70	70	70	70	70	70	70	70	70	70
	Connection Pipe	DN	100FLG x 2	125FLG x 2	125FLG x 2	125FLG x 2	150FLG x 2	150FLG x 2	125FLG x 3	125FLG x 3	125FLG x 3	150FLG x 3
	Working Pressure	MPa	1.6									
Partial Heat Recovery	Type		High efficient shell and tube heat exchanger									
	Water Flow Rate	m³/h	30.6	36.9	40.9	43.6	49.4	52.6	55.4	61.3	65.4	74.1
	Water Pressure Drop	kPa	45	45	45	45	45	45	45	45	45	45
	Connection Pipe	DN	65FLG x 2	65FLG x 2	65FLG x 2	65FLG x 2	65FLG x 2	65FLG x 2	65FLG x 3	65FLG x 3	65FLG x 3	65FLG x 3
	Working Pressure	MPa	1.6									
Outline	L	mm	6870	8800	8800	10730	10730	10730	13200	13200	16095	16095
	W	mm	2235	2235	2235	2235	2235	2235	2235	2235	2235	2235
	H	mm	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
Refrigerant	Type		R407C									
	Charge	kg	214	240	260	300	330	340	360	390	450	495
Operation Weight		kg	8600	9600	10200	10800	11600	12200	2235	15300	16200	17400

- Note:
1. Nominal cooling condition: water outlet 7℃, air intake 35℃.
 2. Nominal heating condition: water outlet 45℃, air intake 7℃ DB/6℃ WB.
 3. Partial heat recovery highest water outlet temperature 55℃.
 4. Max input power is 1.25 times of the nominal input power

R407C Series Parameter (Total Heat Recovery)

ASWC-B(R) 2(T)(W)			A67	A78	A87	A93	A108	A130	A142	A153	A170	A185
AC	Cooling Capacity	kW	220.6	252.9	288.3	318.4	348.8	420.8	466.2	496.7	563.2	599.3
	Heating Capacity	kW	244.4	280.2	319.4	352.8	386.4	466.2	516.5	550.3	624.1	664.1
	Rated Input Power	kW	71.8	83.8	93.0	104.9	115.2	138.6	153.5	160.9	183.1	197.6
	Rated Operation Current	A	128.4	149.8	166.2	187.5	205.9	247.8	274.4	287.7	327.2	353.2
Cooling+	Cooling Capacity	kW	225.0	258.0	294.0	324.7	355.7	429.2	475.5	506.6	574.5	611.3
	Hot Water Heating Capacity	kW	280.3	322.2	364.1	405.3	443.0	535.6	594.9	628.7	715.8	761.6
	Rated Input Power	kW	71.2	83.0	92.2	103.9	114.2	137.4	152.1	159.5	181.4	195.8
	Rated Operation Current	A	127.3	148.4	164.8	185.8	204.1	245.6	272.0	285.1	324.3	350.1
Hot Water	Hot Water Heating Capacity	kW	286.0	327.9	373.7	412.7	452.1	545.4	604.4	643.9	730.2	777.0
	Hot Water Production	m³/h	6.15	7.06	8.04	8.88	9.73	11.74	13.01	13.86	15.71	16.72
	Rated Input Power	kW	65.6	76.5	84.9	95.7	105.1	126.5	140.1	146.9	167.1	180.3
	Rated Operation Current	A	117.2	136.7	151.7	171.1	187.9	226.1	250.5	262.6	298.7	322.4
Power Supply			380V/3N ~ /50Hz									
Compressor	Type		5-6 unmatched gase type semi hermetic screw compressor									
	Qty	Set	1	1	1	1	1	1	1	1	1	1
	Start Up		Y-Δ									
	Capacity Regulating		25% ~ 100%									
Axial Fan	Type		Water proof, wea ther proof, low noise, high efficiency axial fan									
	Q ty		4	4	6	6	6	8	8	10	10	10
	Motor Total Power	kW	7.2	8.8	10.8	10.8	13.2	14.4	14.4	18.0	18.0	22.0
Water Side Heat Exchanger	Type		High efficient shell and tube heat exchanger									
	Water Flow Rate	m³/h	37.9	43.5	49.6	54.8	60.0	72.4	80.2	85.4	96.9	103.1
	Water Pressure Drop	kPa	70	70	70	70	70	70	70	70	70	70
	Connection Pipe	DN	80FLG	80FLG	100FLG	100FLG	100FLG	125FLG	125FLG	125FLG	150FLG	150FLG
	Working Pressure	MPa	1.6									
Heat Exchanger Hot Water Side	Type		High efficient plate exchanger									
	Water Flow Rate	m³/h	49.2	56.4	64.3	71.0	77.8	93.8	103.9	110.7	125.6	133.6
	Water Pressure Drop	kPa	40	40	45	45	50	50	50	65	65	65
	Connection Pipe	in	3	3	3	3	3	3	3	3	3	3
	Working Pressure	MPa	1.6									
O Jline Refrigerant	L	mm	2430	2430	3435	3435	3435	4400	4400	5365	5365	5365
	W	mm	2235	2235	2235	2235	2235	2235	2235	2235	2235	2235
	H	mm	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
	Type		R407C									
	Charge	kg	83	91	102	114	128	144	156	180	198	204
Operation Weight		kg	3660	4020	4920	5040	5160	5760	6120	6480	6960	7320

Note:

1. Nominal cooling condition: AC water outlet temperature 7℃, air intake temperature 35℃.
2. Nominal heating condition: AC water outlet temperature 45℃, air intake temperature 7℃DB/6℃WB.
3. Cooling+ hot water condition: AC water outlet temperature 7℃, hot water outlet temperature 45℃.
4. Hot water condition: water tank initial temperature 15℃, final temperature 55℃, ambient temperature 20℃DB/15℃WB.
5. Hot water heating capacity: average heating capacity in nominal condition; rated power: average input power in nominal condition.
6. Unit max. input power is 1.25 times of rated input power.
7. The connection way of water pipe in hot water side heat exchanger is by hoop.

R407C Series Parameter (Total Heat Recovery)

ASWC-B(R) 2(T)(W)			B216	B260	B284	B306	B340	B370	C390	C426	C459	C510	
AC	Cooling Capacity	kW	697.5	841.5	932.4	993.3	1126.5	1198.7	1262.3	1398.6	1490.0	1689.7	
	Heating Capacity	kW	772.8	932.4	1033.1	1100.6	1248.1	1328.1	1398.6	1549.6	1650.9	1872.2	
	Rated Input Power	kW	230.4	277.2	307.1	321.9	366.1	395.2	415.8	460.6	482.8	549.2	
	Rated Operation Current	A	411.8	495.5	548.9	575.3	654.5	706.4	743.3	823.3	863.0	981.7	
Cooling+	Cooling Capacity	kW	711.5	858.3	951.0	1013.2	1149.0	1222.6	1287.5	1426.6	1519.8	1723.5	
	Hot Water Heating Capacity	kW	886.0	1071.1	1189.7	1257.3	1431.6	1523.2	1606.7	1784.6	1886.0	2147.4	
	Rated Input Power	kW	228.3	274.7	304.3	319.0	362.8	391.7	412.1	456.4	478.5	544.3	
	Rated Operation Current	A	408.1	491.1	543.9	570.2	648.6	700.1	736.7	815.9	855.3	972.8	
Hot Water	Hot Water Heating Capacity	kW	904.2	1090.9	1208.7	1287.7	1460.3	1553.9	1636.3	1813.1	1931.6	2190.5	
	Hot Water Production	m³/h	19.5	23.5	26.0	27.7	31.4	33.4	35.2	39.0	41.6	47.1	
	Rated Input Power	kW	210.3	253.0	280.3	293.8	334.2	360.7	379.5	420.4	440.7	501.3	
	Rated Operation Current	A	375.8	452.3	501.0	525.1	597.3	644.7	678.4	751.4	787.7	896.0	
Power Supply			380V/3N ~ /50Hz										
Compressor	Type	5-6 unmatched gase type semi hermetic screw compressor											
	Qty	Set	2	2	2	2	2	2	3	3	3	3	
	Start Up	Y-△											
	Capacity Regulating	12.5% ~ 100%							8.3% ~ 100%				
Axial Fan	Type	Water proof, weather proof, low noise, high efficiency axial fan											
	Q ty			12	16	16	20	20	20	24	24	30	30
	Motor Total Power	kW	26.4	28.8	28.8	36.0	36.0	44.0	43.2	43.2	54.0	54.0	
	Type	High efficient shell and tube heat exchanger											
Water Side Heat Exchanger	Water Flow Rate	m³/h	120.0	144.7	160.4	170.9	193.8	206.2	217.1	240.6	256.3	290.6	
	Water Pressure Drop	kPa	70	70	70	70	70	70	70	70	70	70	
	Connection Pipe	DN	100FLG x 2	125FLG x 2	125FLG x 2	125FLG x 2	150FLG x 2	150FLG x 2	125FLG x 3	125FLG x 3	125FLG x 3	150FLG x 3	
	Working Pressure	MPa	1.6										
Heat Exchanger	Type	High efficient plate heat exchanger											
	Water Flow Rate	m³/h	155.5	187.6	207.9	221.5	251.2	267.3	281.4	311.8	332.2	376.8	
	Water Pressure Drop	kPa	50	50	50	65	65	65	50	65	65	65	
	Connection Pipe	in	3 x 2	3 x 2	3 x 2	3 x 2	3 x 2	3 x 2	3 x 3	3 x 3	3 x 3	3 x 3	
O Jline	Working Pressure	MPa	1.6										
	L	mm	6870	8800	8800	10730	10730	10730	13200	13200	16095	16095	
	W	mm	2235	2235	2235	2235	2235	2235	2235	2235	2235	2235	
	H	mm	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	
Refrigerant	Type	R407C											
	Charge	kg	256.8	288	312	360	396	408	432	468	540	594	
Operation Weight			kg	10320	11520	12240	12960	13920	14640	17280	18360	19440	20880

Note:

1. Nominal cooling condition: AC water outlet temperature 7℃, air intake temperature 35℃.
2. Nominal heating condition: AC water outlet temperature 45℃, air intake temperature 7℃DB/6℃WB.
3. Cooling+ hot water condition: AC water outlet temperature 7℃, hot water outlet temperature 45℃.
4. Hot water condition: water tank initial temperature 15℃, final temperature 55℃, ambient temperature 20℃DB/15℃WB.
5. Hot water heating capacity: average heating capacity in nominal condition; rated power: average input power in nominal condition.
6. Unit max. input power is 1.25 times of rated input power.
7. The connection way of water pipe in hot water side heat exchanger is by hoop.

R134a Series Parameter

ASWC-B(R) 1(H)(C)		A55	A62	A75	A86	A100	A120	A138	A160	
Cooling Capacity	kW	192	220	264	301	358	420	484	563	
Heating Capacity	kW	215.0	246.4	295.7	337.1	401.0	470.4	542.1	630.6	
Partial Heat Recovery	kW	48.0	55.0	66.0	75.3	89.5	105.0	121.0	140.8	
Performance Electrical	Power Supply	380V/3N ~ /50Hz								
	Rated Input Power	kW	57.8	68.2	79.1	89.5	108.4	124.9	145.1	167.3
	Rated Input Current	A	103.3	121.9	141.4	160.0	193.8	223.3	259.4	299.0
Compressor	Type	5-6 unmatched gas type semi hermetic screw compressor								
	Q ty	Set	1	1	1	1	1	1	1	
	Start Up	Y-△								
	Capacity Regulating	25% ~ 100%								
	Input Power	kW	51.8	61.0	71.9	80.5	98.8	112.9	130.7	149.3
Axial Fan	Type	Water proof, weather proof, low noise, high efficiency axial fan								
	Q ty		4	4	6	6	8	8	10	
	Motor Total Power	kW	6.0	7.2	7.2	9.0	9.6	12.0	14.4	18.0
Water Side Heat Exchanger	Type	High efficient shell and tube heat exchanger								
	Water Flow Rate	m³/h	33.0	37.8	45.4	51.8	61.6	72.2	83.2	96.8
	Water Pressure Drop	kPa	70	70	70	70	70	70	70	70
	Connection Pipe	DN	80FLG	80FLG	100FLG	100FLG	100FLG	125FLG	125FLG	125FLG
	Working Pressure	MPa	1.6							
Partial Heat Recovery	Type	High efficient shell and tube heat exchanger								
	Water Flow Rate	m³/h	8.3	9.5	11.4	12.9	15.4	18.1	20.8	24.2
	Water Pressure Drop	kPa	45	45	45	45	45	45	45	45
	Connection Pipe	DN	50FLG	50FLG	50FLG	50FLG	65FLG	65FLG	65FLG	65FLG
	Working Pressure	MPa	1.6							
Outline	L	mm	2460	2460	3435	3435	4650	4650	4650	5600
	W	mm	2235	2235	2235	2235	2235	2235	2235	2235
	H	mm	2400	2400	2400	2400	2400	2400	2400	2400
Refrigerant	Type	R134a								
	Charge	kg	60	65	80	90	105	130	143	165
	Operation Weight	kg	3200	3500	4300	4400	5000	5300	5500	6200

- Note:
1. Nominal cooling condition: water outlet 7℃, air intake 35℃.
 2. Nominal heating condition: water outlet 45℃, air intake 7℃ DB/6℃ WB.
 3. Partial heat recovery highest water outlet temperature 55℃.
 4. Max input power is 1.25 times of the nominal input power

R134a Series Parameter

ASWC-B(R) 1(H)(C)		B172	B200	B240	B276	B320	C360	C414	C480	
Cooling Capacity		kW	602	716	840	968	1126	1260	1452	1689
Heating Capacity		kW	674.2	801.9	940.8	1084.2	1226.1	1411.2	1626.2	1891.7
Partial Heat Recovery		kW	150.5	179.0	210.0	242.0	281.5	315.0	363.0	422.3
Performance Electrical	Power Supply		380V/3N ~ /50Hz							
	Rated Input Power	kW	179.1	216.8	249.8	290.2	334.6	374.7	435.3	501.9
	Rated Input Current	A	320.1	387.5	446.5	518.7	598.1	669.8	778.1	897.1
Compressor	Type		5-6 unmatched gare type semi hermetic screw compressor							
	Q ty	Set	2	2	2	2	3	3	3	
	Start Up		Y-△							
	Capacity Regulating		12.5% ~ 100%						8.3% ~ 100%	
Input Power		kW	161.1	197.6	225.8	261.4	298.6	338.7	392.1	447.9
Axial Fan	Type		Water proof, weather proof, low noise, high efficiency axial fan							
	Q ty		12	16	16	16	20	24	24	30
	Motor Total Power	kW	18	19.2	24	28.8	36	36.0	43.2	54
Water Side Heat Exchanger	Type		High efficient shell and tube heat exchanger							
	Water Flow Rate	m³/h	103.5	123.2	144.5	166.5	193.7	216.7	249.7	290.5
	Water Pressure Drop	kPa	70	70	70	70	70	70	70	70
	Connection Pipe	DN	100FLG×2	100FLG×2	125FLG×2	125FLG×2	125FLG×2	125FLG×3	125FLG×3	125FLG×3
Working Pressure		MPa	1.6							
Partial Heat Recovery	Type		High efficient shell and tube heat exchanger							
	Water Flow Rate	m³/h	25.9	30.8	36.1	41.6	48.4	54.2	62.4	72.6
	Water Pressure Drop	kPa	45	45	45	45	45	45	45	45
	Connection Pipe	DN	65FLG×2	65FLG×2	65FLG×2	65FLG×2 Set	65FLG×2	65FLG×2	65FLG×2	65FLG×2
Working Pressure		MPa	1.6							
Outline	L	mm	6870	9300	9300	9300	11200	13950	13950	16800
	W	mm	2235	2235	2235	2235	2235	2235	2235	2235
	H	mm	2400	2400	2400	2400	2400	2400	2400	2400
Refrigerant	Type		R134a							
	Charge	kg	180	210	260	286	330	390	429	495
Operation Weight		kg	8800	10000	10600	11000	12400	15900	16500	18600

- Note:
1. Nominal cooling condition: water outlet 7℃, air intake 35℃.
 2. Nominal heating condition: water outlet 45℃, air intake 7℃ DB/6℃ WB.
 3. Partial heat recovery highest water outlet temperature 55℃.
 4. Max input power is 1.25 times of the nominal input power

R134a Series Parameter (Total Heat Recovery)

ASWC—B(R) 1 (T)(W)			A55	A62	A75	A86	A100	A120	A138	A160
AC	Cooling Capacity	kW	192	220	264	301	358	420	484	563
	Rated Input Power	kW	57.8	68.2	79.1	89.5	108.4	124.9	145.1	167.3
	Rated Operation Current	A	103.3	121.9	141.4	160.0	193.8	223.3	259.4	299.0
Cooling+	Cooling Capacity	kW	195.8	224.4	269.3	307.0	365.2	428.4	493.7	574.3
	Hot Water Heating Capacity	kW	239.7	276.2	330.2	375.2	449.1	524.0	604.4	700.4
	Rated Input Power	kW	57.3	67.6	78.4	88.7	107.4	123.8	143.8	165.8
Hot Water	Rated Operation Current	A	102.4	120.8	140.1	158.6	192.0	221.2	257.0	296.4
	Hot Water Heating Capacity	kW	251.6	288.3	345.9	394.4	469.1	550.4	634.2	737.8
	Hot Water Production	m³/h	5.41	6.20	7.44	8.49	10.10	11.84	13.65	15.88
	Rated Input Power	kW	52.3	62.2	72.2	81.7	98.9	114.0	132.4	152.7
	Rated Operation Current	A	94.3	111.3	129.0	146.1	176.8	203.8	236.7	272.9
Power Supply			380V/3N ~ /50Hz							
Compressor	Type		5-6 unmatched gate type semi hermetic screw compressor							
	Qty	Set	1	1	1	1	1	1	1	1
	Start Up		Y—△							
	Capacity Regulating		25% ~ 100%							
Annal Fan	Type		Water proof, wea ther proof, low noise, high efficiency axial fan							
	Q ty		4	4	6	6	8	8	10	10
Water Side Heat Exchanger	Motor Total Power	kW	6.0	7.2	7.2	9.0	9.6	12.0	14.4	18.0
	Type		High efficient shell and tube heat exchanger							
	Water Flow Rate	m³/h	33.0	37.8	45.4	51.8	61.6	72.2	83.2	96.8
	Water Pressure Drop	kPa	70	70	70	70	70	70	70	70
	Connection Pipe	DN	80FLG	80FLG	100FLG	100FLG	100FLG	125FLG	125FLG	125FLG
Heat Exchanger	Working Pressure	MPa	1.6							
	Type		High efficient plate exchanger							
	Water Flow Rate	m³/h	43.3	49.6	59.5	67.8	80.7	94.7	109.1	126.9
	Water Pressure Drop	kPa	70	70	70	70	70	70	70	70
	Connection Pipe	in	100FLG	100FLG	125FLG	125FLG	125FLG	150FLG	150FLG	150FLG
O Jline	Working Pressure	MPa	1.6							
	L	mm	2460	2460	3435	3435	4650	4650	4650	5600
	W	mm	2235	2235	2235	2235	2235	2235	2235	2235
	H	mm	2400	2400	2400	2400	2400	2400	2400	2400
	Type		R134a							
Refrigerant	Charge	kg	71	80	100	110	135	160	175	200
	Operation Weight	kg	4100	4400	5200	5300	6000	6300	6500	7200

Note:

1. Nominal cooling condition: AC water outlet temperature 7℃, air intake temperature 35℃.
2. Nominal heating condition: AC water outlet temperature 45℃, air intake temperature 7℃DB/6℃WB.
3. Cooling+ hot water condition: AC water outlet temperature 7℃, hot water outlet temperature 45℃.
4. Hot water condition: water tank initial temperature 15℃, final temperature 55℃, ambient temperature 20℃DB/15℃WB.
5. Hot water heating capacity: average heating capacity in nominal condition: rated power: average input power in nominal condition.
6. Unit max. input power is 1.25 times of rated input power.
7. The connection way of water pipe in hot water side heat exchanger is by hoop.

R134a Series Parameter (Total Heat Recovery)

ASWC—B(R) 1(T)(W)			B172	B200	B240	B276	B320	C360	C414	C480	
AC	Cooling Capacity	kW	602	716	840	968	1126	1260	1452	1689	
	Rated Input Power	kW	179.1	216.8	249.8	290.2	334.6	374.7	435.3	501.9	
	Rated Operation Current	A	320.1	387.5	446.5	518.7	598.1	669.8	778.1	897.1	
Cooling+	Cooling Capacity	kW	614.0	730.3	856.8	987.4	1148.5	1285.2	1481.0	1722.8	
	Hot Water Heating Capacity	kW	750.3	898.2	1047.9	1208.8	1400.8	1571.9	1813.1	2101.2	
	Rated Input Power	kW	177.5	214.8	247.5	287.6	331.6	371.3	431.4	497.4	
Hot Water	Rated Operation Current	A	317.2	384.0	442.5	514.1	592.8	663.7	771.1	889.1	
	Hot Water Heating Capacity	kW	788.9	938.2	1100.7	1269.5	1457.5	1651.1	1902.7	2213.3	
	Hot Water Production	m³/h	17.0	20.2	23.7	27.3	31.8	35.5	40.9	47.6	
	Rated Input Power	kW	163.4	197.9	228.0	264.9	305.4	342.0	397.3	458.1	
	Rated Operation Current	A	292.2	353.7	407.5	473.4	545.9	611.3	710.2	818.8	
Compressor	Power Supply		380V/3N ~ /50Hz								
	Type	5-6 unmatched gate type semi hermetic screw compressor									
	Qty	Set	2	2	2	2	2	3	3	3	
	Start Up		Y—△								
Annal Fan	Capacity Regulating		12.5% ~ 100%							8.3% ~ 100%	
	Type		Water proof, weather proof, low noise, high efficiency axial fan								
	Q ty		12	16	16	16	20	24	24	24	
Water Side Heat Exchanger	Motor Total Power	kW	18	19	24	29	36	36.0	43.2	54.0	
	Type		High efficient shell and tube heat exchanger								
	Water Flow Rate	m³/h	103.5	123.2	144.5	166.5	193.7	216.7	249.7	290.5	
	Water Pressure Drop	kPa	70	70	70	70	70	70	70	70	
Heat Exchanger	Connection Pipe	DN	100FLG×2	100FLG×2	125FLG×2	125FLG×2	125FLG×2	125FLG×3	125FLG×3	125FLG×3	
	Working Pressure	MPa	1.6								
	Type		High efficient plate heat exchanger								
	Water Flow Rate	m³/h	135.7	161.4	189.3	218.2	253.8	284.0	327.3	380.7	
Hot Water Side	Water Pressure Drop	kPa	70	70	70	70	70	70	70	70	
	Connection Pipe	in	125FLG×2	125FLG×2	150FLG×2	150FLG×2	150FLG×2	150FLG×3	150FLG×3	150FLG×3	
	Working Pressure	MPa	1.6								
	L		mm	6870	9300	9300	9300	11200	13950	13950	16800
Outline	W		mm	2235	2235	2235	2235	2235	2235	2235	2235
	H		mm	2400	2400	2400	2400	2400	2400	2400	2400
	Type		R134a								
	Charge	kg	220	270	320	350	400	480	525	600	
Operation Weight		kg	10600	12000	12600	13000	14400	18900	19500	21600	

Note:

1. Nominal cooling condition: AC water outlet temperature 7℃, air intake temperature 35℃.
2. Nominal heating condition: AC water outlet temperature 45℃, air intake temperature 7℃DB/6℃WB.
3. Cooling+ hot water condition: AC water outlet temperature 7℃, hot water outlet temperature 45℃.
4. Hot water condition: water tank initial temperature 15℃, final temperature 55℃, ambient temperature 20℃DB/15℃WB.
5. Hot water heating capacity: average heating capacity in nominal condition: rated power: average input power in nominal condition.
6. Unit max. input power is 1.25 times of rated input power.
7. The connection way of water pipe in hot water side heat exchanger is by hoop.

R134a T3 Series Parameter

ASWC -B1G(H)(C)		A45	A55	A62	A75	A85	A96	A115	A135		
Cooling Capacity		kW	162	183	226	258	291	337	395	470	
Partial Heat Recovery		kW	40.5	45.8	56.5	64.5	72.8	84.3	98.8	117.5	
Performance Electrical	Power Supply		380V/3N ~ /50Hz								
	Rated Input Power		kW	70.5	77.5	96.7	113.2	127.1	148.8	168.7	200.0
	Rated Input Current		A	126.0	138.5	172.9	202.3	227.3	266.0	301.6	357.5
Compressor	Type		5-6 unmatched gare type semi hermetic screw compressor								
	Qty	Set	1	1	1	1	1	1	1	1	
	Start Up		Y-Δ								
	Capacity Regulating		25%~100%								
	Input Power		kW	64.5	71.5	89.5	104.2	116.3	136.3	154.3	185.0
Axial Fan	Type		Water proof, weather proof, low noise, high efficiency axial fan								
	Qty		4	4	6	6	6	8	8	10	
	Motor Total Power		kW	6.0	6.0	7.2	9.0	10.8	12.0	14.4	15.0
Water Side Heat Exchanger	Type		High efficient shell and tube heat exchanger								
	Water Flow Rate		m³/h	27.9	31.5	38.9	44.4	50.1	58.0	67.9	80.8
	Pressure Drop		kPa	70	70	70	70	70	70	70	70
	Connection Pipe		DN	80FLG	80FLG	80FLG	100FLG	100FLG	100FLG	125FLG	125FLG
	Working Pressure		MPa	1.6							
Partial Heat Recovery	Type		High efficient shell and tube heat exchanger								
	Water Flow Rate		m³/h	7.0	7.9	9.7	11.1	12.5	14.5	17.0	20.8
	Pressure Drop		kPa	45	45	45	45	45	45	45	45
	Connection Pipe		DN	50FLG	50FLG	50FLG	50FLG	65FLG	65FLG	65FLG	65FLG
	Working Pressure		MPa	1.6							
Outline	L	mm	2460	2460	3435	3435	3435	4400	4400	5600	
	W	mm	2235	2235	2235	2235	2235	2235	2235	2235	
	H	mm	2400	2400	2400	2400	2400	2400	2400	2400	
Refrigerant	Type		R134a Thermal expansion vale								
	Charge	kg	60	65	80	90	105	130	143	165	
Operation Weight		kg	3200	3400	4300	4400	4800	5100	5300	6200	

Note:

- 1.Nominal cooling condition: water inlet/outlet 7/12℃,air intake 43℃.
- 2.Cooling only of T3 unit
- 3.Partial heat recovery highest water outlet temperature 55℃.
- 4.Max input power is 1.25 times of the nominal input power
- 5.Working range:Ambient temperature 10~54℃,outlet water temperature 5~15℃;

R134a T3 Series Parameter

ASWC-B1G(H)(C)		B150	B170	B192	B230	B270	C288	C345	C410	
Cooling Capacity		kW	516	582	674	790	940	1011	1185	1420
Partial Heat Recovery		kW	129.0	145.5	168.5	197.5	235.0	252.8	296.3	352.5
Performance Electrical	Power Supply		380V/3N ~ /50Hz							
	Rated Input Power	kW	226.4	254.2	297.6	337.4	400.0	446.4	506.1	706
	Rated Input Current	A	404.6	454.4	532.0	603.1	715.0	797.9	904.7	1262
Compressor	Type		5-6 unmatched gare type semi hermetic screw compressor							
	Qty	Set	2	2	2	2	2	3	3	3
	Start Up		Y-△							
	Capacity Regulating		12.5%~100%					8.3%~100%		
	Input Power	kW	208.4	232.6	273.6	308.6	370.0	410.4	462.9	462.9
Axial Fan	Type		Water proof, weather proof, low noise, high efficiency axial fan							
	Qty		12	12	16	16	20	24	24	30
	Motor Total Power	kW	18	21.6	24	28.8	39	36	43.2	
Water Side Heat Exchanger	Type		High efficient shell and tube heat exchanger							
	Water Flow Rate	m³/h	88.8	100.1	115.9	135.9	161.7	173.9	203.8	555.0
	Pressure Drop	kPa	70	70	70	70	70	70	70	70
	Connection Pipe	DN	100FLG *2	100FLG *2	100FLG *2	125FLG *2	125FLG *2	100FLG *3	125FLG *3	125FLG *3
	Working Pressure	MPa	1.6							
Partial Heat Recovery	Type		High efficient shell and tube heat exchanger							
	Water Flow Rate	m³/h	22.2	25.0	29.0	34.0	40.4	43.5	51.0	60.6
	Pressure Drop	kPa	45	45	45	45	45	45	45	45
	Connection Pipe	DN	50FLG *2	65FLG *2	65FLG *2	65FLG *2	65FLG *2	65FLG *3	65FLG *3	65FLG *3
	Working Pressure	MPa	1.6							
Outline	L	mm	7220	7220	9150	9150	11150	13900	13900	
	W	mm	2235	2235	2235	2235	2235	2235	2235	2235
	H	mm	2400	2400	2400	2400	2400	2400	2400	2400
	Type		R134a Thermal expansion vale							
	Charge	kg	180	210	260	286	330	390	429	165
Operation Weight		kg	8800	9600	10200	10600	12400	15300	15900	6200

Note:

- 1.Nominal cooling condition: water inlet/outlet 7/12℃,air intake 43℃.
- 2.Cooling only of T3 unit
- 3.Partial heat recovery highest water outlet temperature 55℃.
- 4.Max input power is 1.25 times of the nominal input power
- 5.Working range:Ambient temperature 10~54℃,outlet water temperature 5~15℃;