AIROSD

EMERSON

MITSUBISHI ELECTRIC
Changes for the Better

SIEMENS

GRUNDFOS

Panasonic

+GF+

Schneider Electric

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HuiLian APP

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Eco-friendly R32 refrigerant
R32

R290

R513A

CE

UK CA

MCS CERTIFIED

BAFA Bundesamt für Wirtschaft und Ausfuhrkontrolle

SG Ready

A+++

WIFI Control

Zone Control

AIROSD INTELLIGENT CONTROL

AIROSD

Heating Cooling and Domestic Hot Water

The R32 inverter heat pump is cost effective and can be used in cold temperatures as low as -35℃ for heating cooling and DHW.

High Efficiency DC Inverter Compressor

DC inverter compressor and DC fan motor, range rateable compressor from 20%-120%.

DC Inverter AIROSD DC inverter

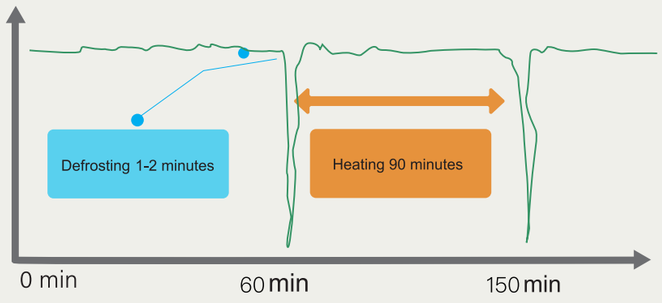
Smart Controller

Airosd controllers are Wi-Fi enabled for Smart Control/weather compensation.APP remote control. Compatible with third party smart thermostats.

Engineers' menu for fault diagnosis, providing historical errors. Easy control for the end user displaying current and required temperature.

Intelligent Defrosting

Intelligent Defrosting enables high efficiency while delivering energy.



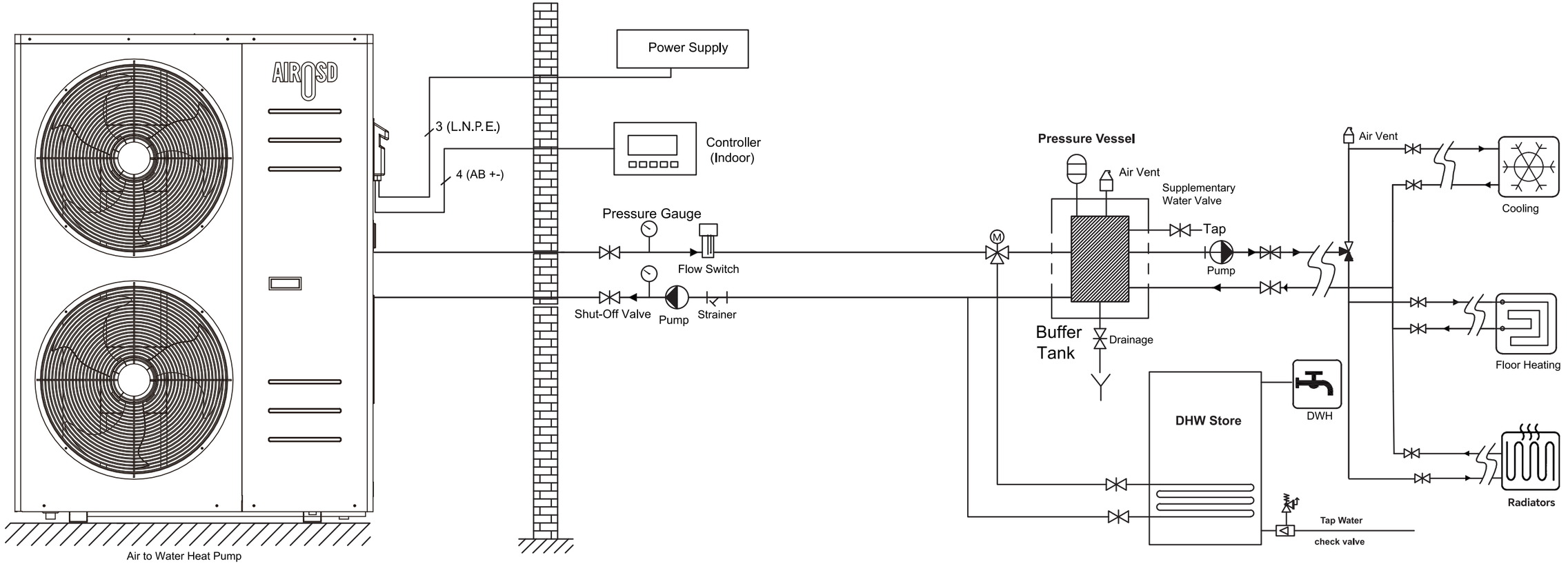
Defrosting time

Smart Rapid Defrosting Technology+

Defrosting Graph

- Efficient and rapid defrosting technology in 2 minutes
- Heating time over 90 minutes

Hydraulic System Schematic
Heating & Cooling & DHW



WIFI Adopted

Airosd controllers are wifi enabled allowing end user and service engineers access when it's required reducing the need for expensive call outs. Full on-line vision and control assuring the end user that the system is operating correctly.

Cascade Control

Airosd are able to cascade up to 8 units for a lead lag weather compensated solution, increasing efficiency. All units can be controlled via one controller.

R32 R290 R513A

Eco-friendly refrigerants R32 R290 and R513 are used in order to reduce the impact on the environment and contribute to carbon reducing green technology.

Quiet Operation

Airosd heat pumps have four noise reducing options to both the compressor and the fan motor to deliver maximum output for environmental comfort.

Anti Icing Technology

Airosd anti icing technology reduces the requirement for defrost cycles, in turn increasing efficiency and keeping run costs to a minimum.

EVI Technology

EVI technology increases efficiency by up to 30% during coldest external temperatures.

DC Inverter Drive

Both compressor and fan motor DC inverter driven resulting in lower running cost. World renowned partners Panasonic / Mitsubishi / Hitachi rotary compressors for reliability.

Intelligent Controller

Automatic call for auxiliary back up with end user notification facility. AIROSD units are compatible with third party controls for whole house intelligent control.

High Temp. Applications

R32 delivering up to 62°C from the condenser , R290 offering up to 75°C for hard to treat retro systems and R513A for up to 82°C flow temperatures commonly required for commercial / process heating whilst attaining high COPs.

Easy Installation

Simple design making installation and operation easier for both the engineer and the end user. The controller can be easily removed for commissioning and altering parameters.

Auto Defrost

Airosd patented defrost technology reduces defrost cycles to 90 seconds avoiding long down time periods for defrost cycles.

-35°C Working Parameters

Airosd units are designed for external working temperatures down to -35°C to assure end user comfort when its needed, negating requirement for expensive electrical back up heaters.

R290 DC Inverter
Air Source Heat Pump

Erp A+++ | Zone Control | WIFI Control | Smart Defrosting

QBKFXFC-010SBI / QBKFXFC-012SBI

DC Inverter | Intelligent Control | Quiet Operation

R290 Panasonic Low noise and high reliability			QBKFXFC-006SBI	QBKFXFC-010SBI	QBKFXFC-012SBI	QBKFXFC-016SBI
Heating Capacity						
Heating Capacity	A7W35	KW	2.5～6.0	3.5～10.0	4.5～12.0	5.5～16.0
Input Power		KW	0.48～1.33	0.66～2.17	0.85～2.60	1.05～3.53
COP		/	4.53～5.24	4.60～5.32	4.62～5.28	4.53～5.25
Heating Capacity	A7W45	KW	2.3～5.8	3.2～9.5	4.3～11.6	5.3～15.6
Input Power		KW	0.57～1.60	0.77～2.62	1.05～3.17	1.32～4.44
COP		/	3.63～4.04	3.62～4.16	3.65～4.08	3.51～4.01
Heating Capacity	A7W55	KW	2.2～5.5	3.1～9.3	4.0～11.0	5.0～15.0
Input Power		KW	0.67～1.85	0.93～3.02	1.22～3.64	1.54～5.08
COP		/	2.98～3.26	3.08～3.32	3.02～3.28	2.95～3.25
Heating Capacity / COP	A-7W35	/	4.4 / 3.24	7.5 / 3.26	10.3 / 3.21	13.0 / 3.15
Heating Capacity / COP	A-7W45	/	4.0 / 2.67	7.1 / 2.65	9.5 / 2.62	12.2 / 2.58
Heating Capacity / COP	A-7W55	/	3.8 / 2.23	6.8 / 2.23	9.0 / 2.15	11.5 / 2.11
Heating Capacity / COP	A-15W35	/	3.1 / 2.68	5.5 / 2.67	7.2 / 2.62	8.8 / 2.61
Heating Capacity / COP	A-15W45	/	2.9 / 2.25	5.2 / 2.24	6.8 / 2.21	8.5 / 2.18
Heating Capacity / COP	A-15W55	/	2.7 / 1.87	4.9 / 1.88	6.3 / 1.84	8.0 / 1.75
Cooling Capacity						
Cooling Capacity	A35W7	KW	1.8～4.5	2.8～7.5	3.5～10.0	4.5～12.0
Input Power		KW	0.51～1.50	0.77～2.39	0.99～3.31	1.30～4.11
EER		/	3.01～3.55	3.14～3.62	3.02～3.53	2.92～3.45
Domestic Hot Water						
Heating Capacity	A20W15-55	KW	3.0～6.5	4.0～10.0	5.0～13.0	6.5～17.0
COP		/	4.35～4.86	4.38～5.01	4.31～4.95	4.25～4.85
Operating Current		A	10	20	30	32
Maximum Input Power		KW	2.3	4.8	7.2	7.7
Power Supply		V / Hz	220V-240 / 50Hz	220V-240 ~ 50Hz / 380~420V 3N~50Hz		
ERP(35℃)		/	A+++			
ERP(55℃)		/	A++			
Ambient Temp. Range		℃	-30～45			
Refrigerant Type		–	R290			
Compressor	Type	/	DC Inverter Twin Rotary			
Throttling Components	Type	/	Electronic Expansion Valve			
Air Side Heat Exchanger		/	Hydrophilic Aluminum Foil Fin Heat Exchanger			
Fan Motor	Type	/	Brushless DC motor			
	Number	/	1			
Water Side Heat Exchanger	Type	/	Plate Heat Exchanger			
Water Pump (Optional)	Brand		Shinhoo			
Temp. Range of Heating		℃	25~70			
Temp. Range of Cooling		℃	5~25			
Temp. Range of DHW		℃	40~65			
Water Port Size		/	G3/4 Internal Thead(DN20)	G1.0 Internal Thead(DN25)	G1.0 Internal Thead(DN25)	G1.0 Internal Thead(DN25)
Water Yield		m³ / h	0.86	1.55	2.06	2.58
Water Side Pressure Loss		kPa	20	25	30	35
Noise (1M)		dB(A)	≤50	≤50	≤50	≤50
Unit Dimension (W×D×H)		mm	1115×425×700	1250×536×970	1250×536×970	1250×536×970
N.W.		kg	90	110	136	153

Remarks:
1. Heating A7W35 condition：(DB/WB)= 7°C/ 6°C, inlet water temperature 30°C, outlet water temperature 35°C;
2. Heating A7W45condition：(DB/WB)= 7°C/ 6°C, inlet water temperature 40°C, outlet water temperature 45°C;
3. Rated cooling condition: (DB/WB)=35°C, inlet water temperature 12°C, outlet water temperature 7°C;
4. DHW Heating capacity conditions : (DB/WB) =20°C/15°C, inlet water temperature 15°C, outlet water temperature 55°C.
Due to product improvement, above datas are subject to change without prior notice, please take the rating plate as standard.

Model		QBKFXFC-006SRI	QBKFXFC-009SRI	QBKFXFC-012SRI	QBKFXFC-014SRI
R32 A+++ Panasonic low noise and high reliability. CE BAFA					
Heating Range	kW	3.0-8.0	3.5-10.0	4.5-14.0	5.5-16.0
Power Supply	V/Hz	220-240V～/50Hz	220-240V～/50Hz	220-240V～/50Hz	220-240V～/50Hz
Space Heating Capacity / COP					
A7w35	kW/	6.0/4.42	9.0/4.46	12.0/4.56	14.0/4.42
A7w45	kW/	6.0/3.43	9.0/3.45	12.0/3.62	14.0/3.55
A7W55	kW/	5.9/2.92	9.1/2.91	12.0/2.90	14.0/2.92
A-7W35	kW/	4.7/3.21	7.2/3.16	9.6/3.20	11.5/3.23
A-7W45	kW/	4.8/2.75	7.3/2.65	9.6/2.68	11.5/2.68
A-7W55	kW/	4.8/2.25	7.3/2.20	9.7/2.21	11.6/2.23
A-15W35	kW/	3.8/2.68	5.7/2.67	7.5/2.65	9.0/2.68
A-15W45	kW/	3.8/2.25	5.8/2.21	7.5/2.22	9.0/2.24
A-15W55	kW/	3.9/1.86	6.0/1.82	7.6/1.83	9.1/1.87
DHW Heating Capacity / COP A20W55					
Heating Capacity	kW/	8 / 4.3	10 / 4.32	14 / 4.32	16 / 4.26
Water Output	L/H	172	215	301	344
Input Power	kW	1.86	2.31	3.24	3.76
Operating Current	A	8.3	10.4	14.5	16.8
Cooling Capacity A35W7					
Cooling Capacity	kW	5	6.5	10	13
EER	/	2.85	2.85	3.15	3.11
Temperature Range					
Working Ambient	℃	-35～45	-35～45	-35～45	-35～45
Space Heating Outlet	℃	25~58	25~58	25~58	25~58
Cooling Outlet	℃	5~25	5~25	5~25	5~25
Domestic Hot Water	℃	40~55	40~55	40~55	40~55
Technical Data					
ERP(35℃)	/	A^{+++}	A^{+++}	A^{+++}	A^{+++}
ERP(55℃)	/	A^{++}	A^{++}	A^{++}	A^{++}
Max. Current	A	16	20	23	30
Max. Input Power	kW	3.8	4.8	5.5	7.2
Pipe Work					
Water Flow	m^3/h	1.38	1.72	2.41	2.75
Water Port Size	/	DN25	DN25	DN25	DN25
Pressure Loss	kPa	25	25	25	35
Noise	dB(A)	≤54	≤55	≤55	≤56
Packing Information					
Dimension (W×D×H)	mm	1075*480*805	1075*480*805	1040*445*1350	1040*445*1350
Packing Dimension (W×D×H)	mm	1190*560*945	1190*560*945	1160*520*1500	1160*520*1500
N.W./G.W.	kg	80/98	80/98	120/140	120/140
20 GP/40 HQ	pcs	44/88	44/88	22/46	22/46

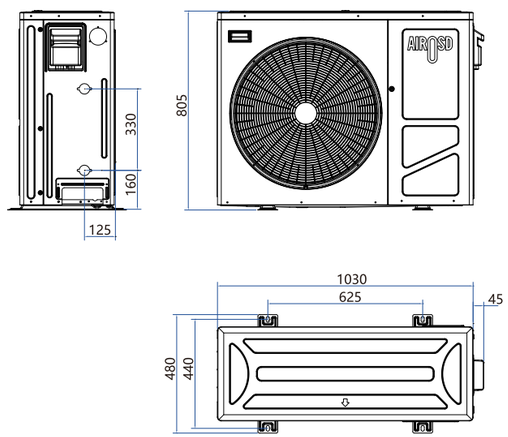
Remarks: Due to product improvement, above data is subject to change without prior notice. Please take the name plate as standard.

Model		QBKFXFC-016SRI	QBKFXFC-018SRI	QBKFXFC-024SRII	QBKFXFC-030SRII
R32 A+++ Panasonic low noise and high reliability. CE BAFA					
Heating Range	kW	6.5～18.0	7.5～20.0	9.0～26.0	12.5～35.0
Power Supply	V/Hz	220-240V～ / 50Hz	220-240V～ / 50Hz	380-415V 3N～/ 50Hz	380-415V 3N～/ 50Hz
Space Heating Capacity / COP					
A7w35	kW/	16.0 / 4.53	18.0 / 4.46	24.0 / 4.56	30.0 / 4.53
A7w45	kW/	16.0 / 3.65	18.0 / 3.6	24.0 / 3.65	30.0 / 3.6
A7W55	kW/	16.0 / 2.98	18.0 / 2.94	24.0 / 2.98	30.0 / 2.95
A-7W35	kW/	12.8 / 3.25	14.5 / 3.18	18.0 / 3.24	24.0 / 3.21
A-7W45	kW/	13.1 / 2.72	14.5 / 2.68	18.2 / 2.68	24.2 / 2.71
A-7W55	kW/	13.1 / 2.25	14.6 / 2.21	18.5 / 2.22	24.3 / 2.23
A-15W35	kW/	10.5 / 2.71	11.5 / 2.68	15.0 / 2.69	20.0 / 2.71
A-15W45	kW/	10.5 / 2.28	11.6 / 2.23	15.2 / 2.28	20.2 / 2.29
A-15W55	kW/	10.6 / 1.95	11.8 / 1.88	15.5 / 1.92	20.4 / 1.93
DHW Heating Capacity / COP A20W55					
Heating Capacity	kW/	18 / 4.35	20 / 4.28	26 / 4.26	35 / 4.25
Water Output	L/H	387	430	559	753
Input Power	kW	4.14	4.67	6.1	8.24
Operating Current	A	18.5	20.9	10.3	13.9
Cooling Capacity A35W7					
Cooling Capacity	kW	14	16	22	28
EER	/	3.14	3.07	3.15	2.95
Temperature Range					
Working Ambient	℃	-35～45	-35～45	-35～45	-35～45
Space Heating Outlet	℃	25~58	25~58	25~58	25~58
Cooling Outlet	℃	5~25	5~25	5~25	5~25
Domestic Hot Water	℃	40~55	40~55	40~55	40~55
Technical Data					
ERP(35℃)	/	A^{+++}	A^{+++}	A^{+++}	A^{+++}
ERP(55℃)	/	A^{++}	A^{++}	A^{++}	A^{++}
Max. Current	A	32	34	20	27
Max. Input Power	kW	7.7	8.2	12.9	17.4
Pipe Work					
Water Flow	m^3/h	3.1	3.44	4.47	6.02
Water Port Size	/	DN25	DN25	DN32	DN32
Pressure Loss	kPa	35	35	40	45
Noise	dB(A)	≤56	≤56	≤59	≤62
Packing Information					
Dimension (W×D×H)	mm	1040*445*1350	1040*445*1350	1140*455*1580	1140*455*1580
Packing Dimension (W×D×H)	mm	1160*520*1500	1160*520*1510	1260*520*1740	1260*520*1740
N.W./G.W.	kg	120/140	120 / 140	170 / 194	170 / 194
20 GP/40 HQ	pcs	22/46	22 / 46	19 / 41	19 / 41

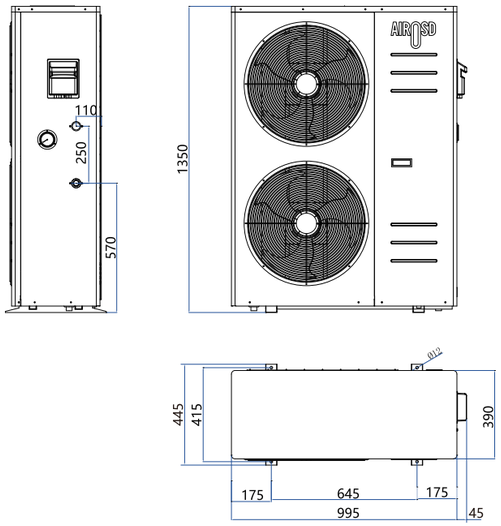
Remarks: Due to product improvement, above data is subject to change without prior notice. Please take the name plate as standard.

Dimension outline drawing

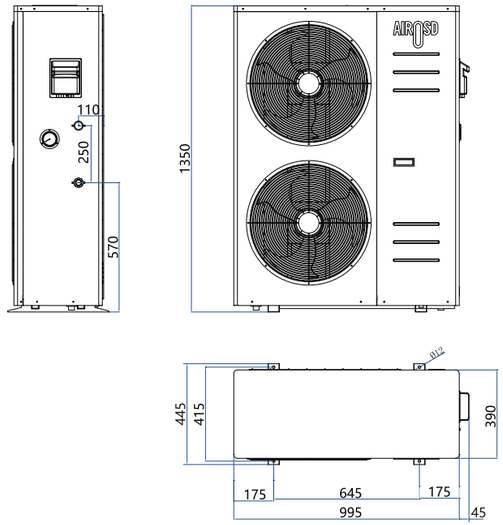
QBKFXFC-006SRI QBKFXFC-009SRI



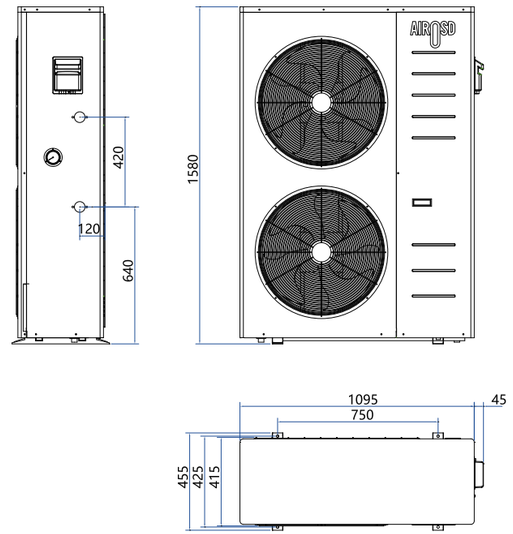
QBKFXFC-012SRI



QBKFXFC-018SRI



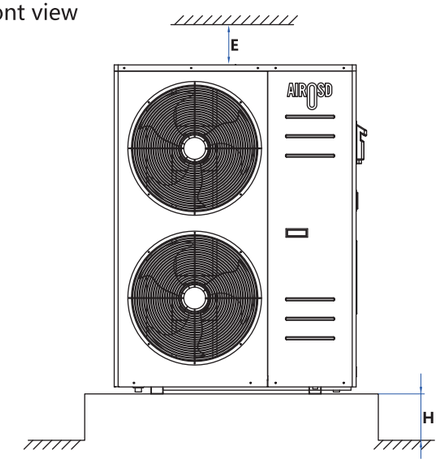
QBKFXFC-024SRI QBKFXFC-030SRI QBKFXFC-034SRI



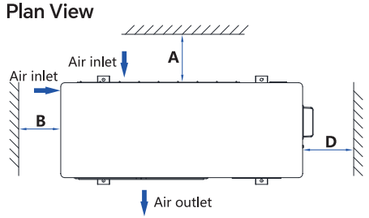
Installation spacing diagram

1、The installation space of a single machine is shown in the following diagram (mm)

Front view

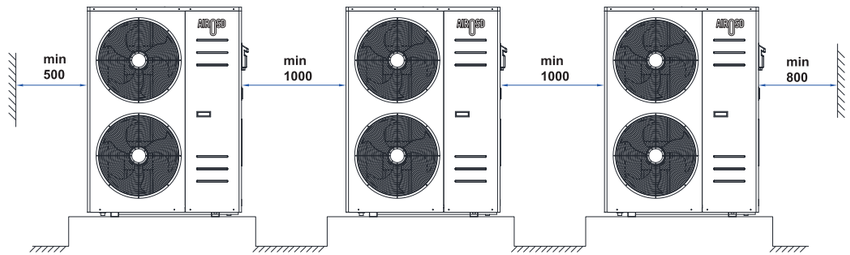


Plan View

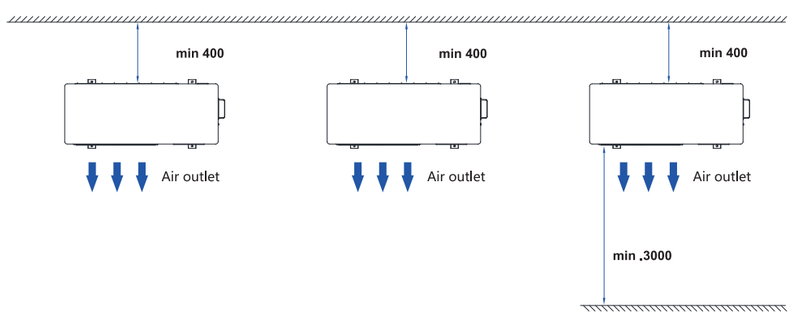


2、Installation space description of multiple units (unit: mm)

Front view



Plan View

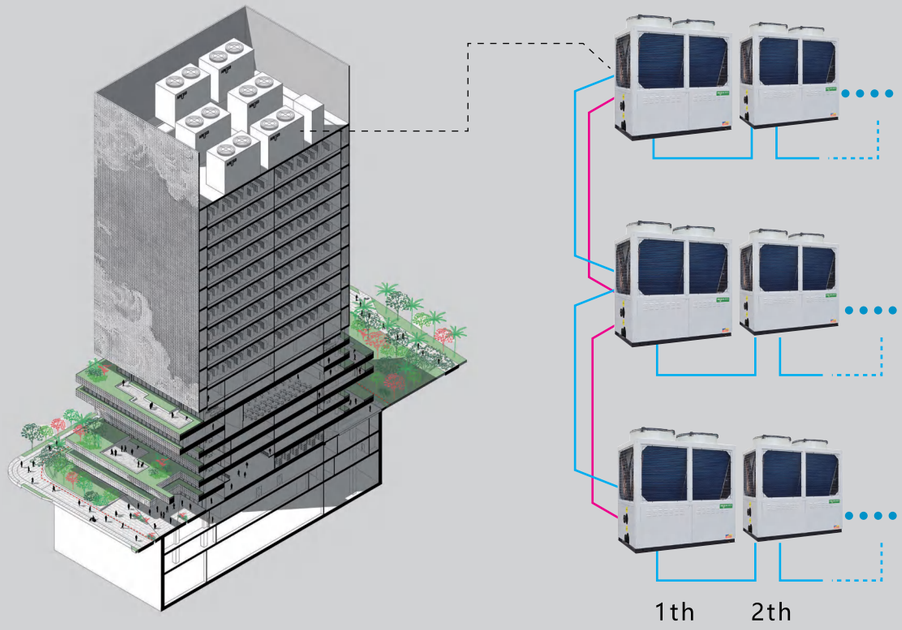


EVI DC Inverter
Air Source Heat Pump

Model	BKFXFC-045URII	BKFXFC-070URII	BKFXFC-100VRII	BKFXFC-150VRII	BKFXFC-200VRII
Cascade Control					
Ambient Temp	-35℃~45℃				
Power Supply	380V/3N ~ /50Hz				
Heating: DB Temp. 7℃, WB Temp. 6℃ Water Inlet Temp. 40℃, Water Outlet Temp. 45℃					
Heating Capacity (KW)	45.0	70.0	108.0	150.0	200.0
COP	3.55	3.52	3.34	3.35	3.34
Input Power (KW)	12.7	19.9	32.4	44.8	59.90
Cooling Capacity: DB Temp. 5℃, Water Inlet 12℃, Water Outlet 7℃;					
Cooling Capacity (KW)	32.0	50.0	65.0	105.0	130.0
COP	2.75	2.60	2.82	2.80	2.82
Input Power (KW)	11.64	19.2	23.0	37.5	46.1
Heating (Fan Coil): DB Temp. -12℃ / -20℃, Water Outlet 41℃					
Heating Capacity (KW)	28.0/25.8	46.0/42.0	65.0/65.0	103.0/85.0	130.0/110.0
COP	2.42/2.11	2.35/2.01	2.45/2.05	2.45/2.05	2.45/2.05
Input Power (KW)	11.57/12.21	19.6/20.9	26.5/31.7	42.0/41.5	53.1/53.7
IPLV(H)/(C)	2.92/3.21	2.85/3.15	3.06/3.26	2.95/3.20	3.06/3.26
HSPF/APF(W.h/W.h)	2.98/3.25	2.90/3.12	3.18/3.29	3.02/3.15	3.18/3.29
Heating (Floor Heating): DB Temp. -12℃ / -20℃, Water Outlet 35℃					
Heating Capacity (KW)	28.0/26.6	46.0/42.0	63.0/63.0	100.0/82.5	126.0/106.0
COP	2.72/2.32	2.55/2.21	2.75/2.35	2.75/2.36	2.75/2.35
Input Power (KW)	10.29/11.47	18.0/19.0	22.92/26.8	36.4/35.0	45.8/45.1
IPLV(H)/(C)	3.42	3.35	3.42	3.40	3.42
HSPF/APF(W.h/W.h)	3.45	3.28	3.52	3.45	3.52
Heating (Radiator): DB Temp. -12℃ / -20℃, Water Outlet 50℃					
Heating Capacity (KW)	28.5/25.7	47.0/42.4	60.0/60.0	105.0/87.0	120.0/100.0
COP (KW)	2.04/1.81	2.03/1.75	2.12/1.85	2.12/1.85	2.12/1.85
Input Power (KW)	13.91/14.17	23.2/24.2	28.3/32.4	49.5/47.0	56.6/54.1
IPLV(H)/(C)	2.35	2.31	2.32	2.31	2.32
HSPF/APF(W.h/W.h)	2.61	2.58	2.60	2.60	2.60
Power / Pipe / Packing					
Max. Input Power (kW)	18.0	29.0	50.0	70.0	100.0
Max. Running Current (A)	30	52	85	120	170
Water Flow Rate (m^3/h)	5.5	8.6	11.2	18.1	22.4
Water Resistance(KPa)	50	50	70	70	80
Connection Spec. (inch)	G1.5"	DN65	DN65	DN80	DN80
Refrigerant Type / Weight (-/)	R32/7.0	R32/6.0*2	R32/8.0*2	R32/8.0*4	R32/8.0*4
Heating / Cooling Noise	67/68	70/69	71/70	73/72	74/73
Waterproof Grade Type	IPX4	IPX4	IPX4	IPX4	IPX4
Dimension (mm)	905*905*1535	2000*900*1950	2000*900*1950	2250*1350*2400	2200*1400*2400
Net weight (kg)	265	600	800	1200	1250

Commercial Application

New Low Carbon Energy Saving Options For Smart Buildings



Basis Energy Services

R513A High Temp.DC Inverter Commercial Heat Pump

Model			BKFXFC-045UXII	BKFXFC-090UXII
Power Supply		/	415V 3N～ 50Hz	415V 3N～ 50Hz
Ambient Temp. Range		℃	-10～43	-10～43
Heating Capacity				
A7W70-75	Capacity	kW	45	90
	COP	/	2.15	2.15
A7W70-80	Heating Capacity	kW	45	90
	COP	/	1.76	1.76
A-4W70-75	Heating Capacity	kW	36	72
	COP	/	1.78	1.78
A-4W70-80	Heating Capacity	kW	36	72
	COP	/	1.51	1.51
Techinical Data				
Max. Running Current		A	50	100
Max. Outlet Water Temp.		℃	**80**	**80**
Compressor	Brand	/	Hitachi EVI Inverter	Hitachi EVI Inverter
	QTY	set	2	4
Refrigerant Type / Weight		/	R513A	R513A
Fan Motor QTY		/	2	2
Pipe Work				
Circulating Pipe Diameter		/	2×DN65	2×DN80
Maximum Working Pressure (Water Side)		MPa	1	1
Circulating Water Flow	Temp. Difference 5℃	m^3/h	7.7	15.5
	Temp. Difference 10℃	m^3/h	3.9	7.7
Water Side Pressure Loss		kPa	≤50	≤50
Noise		dB(A)	60	70
Packing Information				
Packing Dimension (W×D×H)		mm	2020*990*1950	2200×1400×2400
Net Weight		kg	650	1150
Heating conditions A7W70-75 : outdoor air temp. 7℃ DB/6℃ WB, inlet water temp. 70℃, outlet water temp. 75℃.				
Heating conditions A-4W70-75 : outdoor air temp. -4℃ DB/-5℃ WB, inlet water temp. 70℃, outlet water temp. 75℃.				

WIFI Adopted

Cascade Control

Low GWP

Airosd High Temperature Heat Pump adopts EVI scroll compressor and capable producing hot water with a maximum temperature up to 82°C , which isideal for both commercial and industrial applications.

R290 All in One DC Inverter Water Heater

The Air Exhaust DHW cylinder uses waste heat in your home to supply all of your domestic hot water requirements via its integral heat supply.

KY80B-N200Y

High Temperature Type 70℃ AIROSD

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Low noise and high reliability

R290

Ambient Temp.	℃	15～43	Compressor Qty	Pc	1
Heating Capacity	Kw	3.7	Compressor Type	/	Rotary
Hot Water Production Capacity	L/h	80	Max .Outlet Temp.	℃	65~70
Rated Power Input	Kw	0.93	Water Tank Volume	L	200
COP	/	4	Inlet / Outlet Interface Size	Inch	G 3 / 4″ Internal Thread
Max .Current	A	5.75	Noise	Db(A)	52
Power Supply	/	1N～/50hz/220v	Dimensions (Diameter × H)	mm	Φ560×1700
IP Code	/	Ipx4	Packing Size (W × D × H)	mm	640×640×1770
Refrigerant	/	R290	Net Weight	Kg	100

Note:
1.DB Temp . 20℃ / WB Temp . 15℃,inlet water temp . 15℃,outlet temp . 55℃.
2.If the specification of the product changes due to improvement, the parameters on the nameplate shall prevail.

R32 3KW Water Heater with 150-500L Water Tank

The R32 water heater provide you with solution for the most energy saving solutionfor sanitary hot water supply.

Model		KFXR-003SRI
Power Supply	/	230V~ 1N 50Hz
Rated Heating Capacity	KW	3.7
Rted Power Input	KW	0.85
COP	/	4.36
Max .Running Current	A	6.3
Rated Water Yield	L/h	80
Rated / Max Outlet	℃	55/60
Refrigerant	/	R32
Refrigerant Weight	g	550
Water Yield	m³/h	0.64
Water Side Max. Pressure	MPa	0.7
Water Side Lift	kPa	50
Max Refrigerant Pressure	MPa	4.5
Noise	dB(A)	52
IP Code	/	IPX4
Net Weight	kg	45

Features:

* Eco-friendly R32 Refrigerant.
* Wi-Fi control, APP smart control.
* Intelligent EE valve.
* Built-in water pump, easy to install.
* Innovative W-A-R technology, COP 4.4.
* Automatic defrosting.

Panasonic
low noise and high reliability

COP* 4.4

*Outer shell material: Colour Choice
*Insulating layer: High pressure polyurethane foam

150L, 200L, 300L and 500L specifications can be freely selected.

Eco-Friendly R32 refrigerant R32
Eco-Friendly

Auto Defrost

Wi-Fi Control

WAR Water Air Refrigerant
WAR Intelligent

R32 Inverter Ground Source Heat Pump

Heating Cooling & DHW

Model			BSFXK-006RI	BSFXK-010RI	BSFXK-012RI	BSFXK-018RI	BSFXK-030RII
Photo			 Heating				
Water temperature range		℃	5~35	5~35	5~35	5~35	5~35
Rated heating capacity		KW	6.3	10	12	18	30
Rated heating input power(kw)		KW	1.6	2.5	3	4.5	7.5
COP		/	4	4	4	4	4
Maximum operating current		A	12	18	18	34	25
Noise		dB(A)	≤50	≤50	≤50	≤52	≤55
Power Supply		/	230V~ 1N 50Hz	230V~ 1N 50Hz	230V~ 1N 50Hz	230V~ 1N 50Hz	415V~ 3N 50Hz
Refrigerant		/	R32	R32	R32	R32	R32
Outlet water Temperature		℃	35~60	35~60	35~60	35~60	35~60
Condenser	Type	/	Plate heat exchanger	Plate heat exchanger	Plate heat exchanger	Plate heat exchanger	Plate heat exchanger
	Water pressure loss (Max.)	kPa	≤30	≤50	≤50	≤50	≤50
	Water inlet size	/	2×DN20	2×DN25	2×DN25	2×DN25	2×DN40
	Water flow volume	m³/h	1.08	1.72	2.06	3.1	5.16
Evaporator	Type	/	Plate heat exchanger	Plate heat exchanger	Plate heat exchanger	Plate heat exchanger	Plate heat exchanger
	Water pressure loss (Max.)	kPa	≤30	≤50	≤50	≤50	≤50
	Water inlet size	/	2×DN20	2×DN25	2×DN25	2×DN25	2×DN40
	Water flow volume	m³/h	0.81	1.26	1.51	2.27	3.78
Dimension	L*W*H	mm	740*490*590	740*490*590	740*490*590	930*690*905	930*690*905
Net Weight		KG	60	70	75	100	150

Remarks:
Rated heating condition: heat source side inlet / outlet temperature 10 / 5℃; Use side inlet / outlet temperature of 40 / 45℃.
*Due to product improvement, above data is subject to change without prior notice, Please take the nameplate as standard.
Optional: Water pump/Heat meter/Electricity meter/Electric heater in built

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COP* 4.0
R32 Inverter Ground Source Heat Pump

Eco-Friendly R32 refrigerant
R32
Eco-Friendly

Ground Source Heat Pump
DC Inverter
DC Inverter

Wi-Fi Control