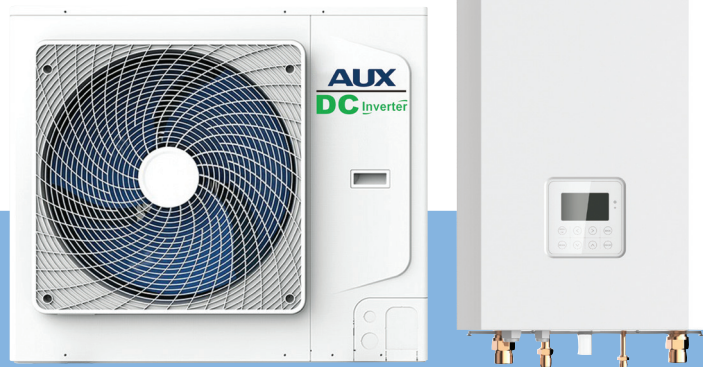


Heat Pump Series

R32 Split Type



Domestic Hot Water Up to 65°C

The AUX R32 Monobloc System provides hot water reaching a temperature up to 65°C.



Water temperature auto-adaptation

The heat pump defines and sets the optimum water temperature for the highest comfort.



High Temperature Sterilisation 65°C

By heating the water in the system to 70°C, the high temperature kills most bacteria (including Legionella).



Energy Efficiency A+++

The R32 AI Thermal Split System boasts energy efficiency of A+++/A+++. Its SCOP is 5.4*



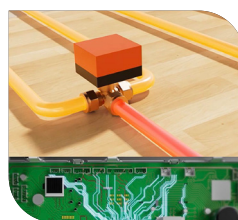
Flexible Design Solutions

Flexible compatibility with various heating systems including: underfloor, radiators or fan coil units. Option also to power from your solar system.



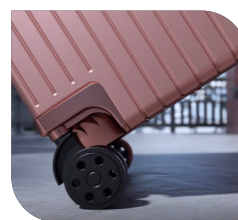
Smart Grid Ready

The heat pump is smart grid-ready, enabling efficient integration with the electrical grid for optimized energy consumption. Its advanced technology allows for seamless communication and coordination with grid signals, contributing to overall energy efficiency and grid stability.



Dual Temperature Zone

The dual temperature zone feature can regulate water flow between areas with different temperature needs, ensuring comfort and energy efficiency by adjusting based on thermostat inputs.



Holiday Mode Function

The function streamlines energy-saving adjustments like turning off DHW heating and setting disinfection intervals, while the "Holidays at home" feature easily pauses schedules for extended indoor stays.

R32 Split Type

HydroBox
SpecificationsBMS
ConnectivityWired
ControllerWiFi
Controll

Model Size			4kW	6kW	8kW	10kW
Model Indoor			AHM-P24R2/C9D3A	AHM-P24R2/C9D3A	AHM-P60R2/C9D3A	AHM-P60R25/C9D9A
IDU Power Supply		V~,Hz,Ph	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50
IDU Max. Input Consumption		kW	3.09	3.09	3.09	9.09
MOP(Maximum overcurrent protection)		A	14	14	14	15
Plate heat exchanger	Brand		Danfoss	Danfoss	Danfoss	Danfoss
	Heat exchange area	m2	1.58	1.58	2.04	2.04
Water pump	Brand		Shimge	Shimge	Shimge	Shimge
	Max pressure		10bar	10bar	10bar	10bar
	Type		canned pump	canned pump	canned pump	canned pump
	Power input		4-95W	4-95W	4-95W	4-95W
	Pump head		9m	9m	9m	9m
	Max Flow		4.5m3/h	4.5m3/h	4.5m3/h	4.5m3/h
	Adapter diameter		DN25	DN25	DN25	DN25
Indoor Unit	Noise Level (Hi/Mi/Lo)	dB(A)	30	30	31	31
	Noise Level (Hi/Mi/Lo)	dB(A)	42	42	43	43
	Net Dimension (W*D*H)	mm	420×270×790	420×270×790	420×270×790	420×270×790
	Packing Dimension (W*D*H)	mm	515×1045×350	515×1045×350	515×1045×350	515×1045×350
	Net Weight	Kg	38	38	38	39
	Gross Weight	Kg	44	44	43	45
Setting water temperature range	Cooling	°C	5~25	5~25	5~25	5~25
	Heating	°C	25~65	25~65	25~65	25~65
	DHW(tank)	°C	25~60	25~60	25~60	25~60
Water circuit	Piping connections	inch	R1"	R1"	R1"	R1"
	Safety valve set pressure	MPa	0.3	0.3	0.3	0.3
	Flow switch	m³/h	0.36	0.36	0.6	0.6
	Drainage pipe connection	mm	φ25	φ25	φ25	φ25
	Expansion tank	L	8	8	8	8
	Max. water pressure	MPa	0.8	0.8	0.8	0.8
	Back-up heater	kW	3	3	3	9
	Water pump head	m	9	9	9	9
Refrigerant Pipe	Liquid Side	mm	15.88	15.88	15.88	15.88
	Gas Side	mm	9.52	9.52	9.52	9.52
	Drainage	mm	DN25	DN25	DN25	DN25

Note:

1. Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811:2013; (EU) No 813:2013; OJ 2014/C 207/02:2014.
2. Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C.
3. Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C.
4. Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C.
5. Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C.
6. Seasonal space heating energy efficiency class tested in average climate conditions.
7. Test standard: EN12102-1
8. Sound pressure level is the maximum value tested under the two conditions of Notes2 and Notes5.

R32 Split Type

HydroBox
SpecificationsBMS
ConnectivityWired
ControllerWiFi
Control

Model Size			12kW	14kW	16kW
Model Indoor			AHM-P60R25/C9D9A	AHM-P60R25/C9D9A	AHM-P60R25/C9D9A
IDU Power Supply		V~,Hz,Ph	380-415/3/50	380-415/3/50	380-415/3/50
IDU Max. Input Consumption		kW	9.09	9.09	9.09
MOP(Maximum overcurrent protection)		A	15	15	15
Plate heat exchanger	Brand		Danfoss	Danfoss	Danfoss
	Heat exchange area	m2	2.04	2.04	2.04
Water pump	Brand		Shimge	Shimge	Shimge
	Max pressure		10bar	10bar	10bar
	Type		canned pump	canned pump	canned pump
	Power input		4-95W	4-95W	4-95W
	Pump head		9m	9m	9m
	Max Flow		4.5m3/h	4.5m3/h	4.5m3/h
	Adapter diameter		DN25	DN25	DN25
Indoor Unit	Noise Level (Hi/Mi/Lo)	dB(A)	31	31	31
	Noise Level (Hi/Mi/Lo)	dB(A)	43	43	43
	Net Dimension (W*D*H)	mm	420×270×790	420×270×790	420×270×790
	Packing Dimension (W*D*H)	mm	515×1045×350	515×1045×350	515×1045×350
	Net Weight	Kg	39	39	39
	Gross Weight	Kg	45	45	45
Setting water temperature range	Cooling	°C	5~25	5~25	5~25
	Heating	°C	25~65	25~65	25~65
	DHW(tank)	°C	25~60	25~60	25~60
Water circuit	Piping connections	inch	R1"	R1"	R1"
	Safety valve set pressure	MPa	0.3	0.3	0.3
	Flow switch	m ³ /h	0.6	0.6	0.6
	Drainage pipe connection	mm	φ25	φ25	φ25
	Expansion tank	L	8	8	8
	Max. water pressure	MPa	0.8	0.8	0.8
	Back-up heater	kW	9	9	9
	Water pump head	m	9	9	9
Refrigerant Pipe	Liquid Side	mm	15.88	15.88	15.88
	Gas Side	mm	9.52	9.52	9.52
	Drainage	mm	DN25	DN25	DN25

Note:

1. Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811:2013; (EU) No 813:2013; OJ 2014/C 207/02:2014.
2. Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C.
3. Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C.
4. Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C.
5. Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C.
6. Seasonal space heating energy efficiency class tested in average climate conditions.
7. Test standard: EN12102-1
8. Sound pressure level is the maximum value tested under the two conditions of Notes2 and Notes5.

R32 Split Type

Outdoor Unit Specifications

BMS
ConnectivityWired
ControllerWiFi
Control

Model Size				4kW	6kW	8kW	10kW
Model Outdoor				ACHP-H04/4R3HA-O	ACHP-H06/4R3HA-O	ACHP-H08/4R3HA-O	ACHP-H10/4R3HA-O
ODU Power Supply			V~,Hz,Ph	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
ODU Max. Input Consumption			kW	4.14	4.14	4.47	4.47
Heating2	Capacity		kW	4.3	6.25	8.4	10
	Rated input		kW	0.83	1.25	1.62	2
	COP			5.2	5	5.2	5
Heating3	Capacity		kW	4.36	6.4	8.3	10
	Rated input		kW	1.47	2.13	2.60	3.23
	COP			2.96	3	3.19	3.1
Cooling4	Capacity		kW	4.5	6.6	8.45	10
	Rated input		kW	0.81	1.35	1.67	2.08
	EER			5.56	4.9	5.06	4.8
Cooling5	Capacity		kW	4.75	7.05	7.45	8.3
	Rated input		kW	1.40	2.35	2.20	2.52
	EER			3.4	3	3.39	3.3
Energy efficiency class	LWT at 35°C			A+++	A+++	A+++	A+++
	LWT at 55°C			A++	A++	A++	A++
SCOP	LWT at 35°C			4.86	4.96	5.22	5.2
	LWT at 55°C			3.32	3.53	3.37	3.5
MOP(Maximum overcurrent protection)			A	18	18	19	19
DC Inv.Compressor	Type			Twin rotary DC inverter	Twin rotary DC inverter	Twin rotary DC inverter	Twin rotary DC inverter
	Brand			GMCC	GMCC	GMCC	GMCC
	Input		W	1500	1500	1935	1935
	Operating Frequency		Hz	12~120	12~120	12~120	12~120
Outdoor Fan Motor	Brand			WOLONG	WOLONG	WOLONG	WOLONG
	Output Power x Fan		W	69*1	69*1	120*1	120*1
	Speed		r/min	870	870	900	900
Air Flow Volume			m3/h	2800	2800	4000	4000
Sound pres. level	Outdoor Unit		dB(A)	38	38	45	48
Sound power level	Outdoor Unit		dB(A)	56	58	58	61
Dimension(W×D×H)	Net		mm	700×350×900	700×350×900	805×395×970	805×395×970
	Packing		mm	770×430×1020	770×430×1020	895×495×1105	895×495×1105
Weight	Net		kg	51	51	61.5	61.5
	Gross		kg	55	55	66	66
Refrigerant type/Quantity	Type			R32	R32	R32	R32
	Charged Volume		kg	1.1	1.1	1.45	1.45
Refrigerant Piping	Liquid Side		mm	9.52	9.52	9.52	9.52
	Gas Side		mm	15.88	15.88	15.88	15.88
	MAX length		m	30	30	30	30
	MIN length		m	2	2	2	2
Installation height	ODU		m	20	20	20	20
Wiring specification	Power wiring (ODU)		mm2	4	4	4	4
	A.B signal wiring (to IDU)		mm2	0.75	0.75	0.75	0.75
Operating temperature range	Cooling		°C	-5 ~ 52	-5 ~ 52	-5 ~ 52	-5 ~ 52
	Heating		°C	-25~ 35	-25~ 35	-25~ 35	-25~ 35
	DHW		°C	-25~ 43	-25~ 43	-25~ 43	-25~ 43
Energy efficiency label data	Colder	55°C	kW	3	4	6	7
		35°C	kW	5	6	7	8
	Average	55°C	kW	6	6	7	8
		35°C	kW	6	7	8	9
	Warmer	55°C	kW	5	5	8	9
		35°C	kW	6	6	8	9

Note:

1. Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811:2013; (EU) No 813:2013; OJ 2014/C 207/02:2014.
2. Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C.
3. Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C.
4. Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C.
5. Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C.
6. Seasonal space heating energy efficiency class tested in average climate conditions.
7. Test standard: EN12102-1
8. Sound pressure level is the maximum value tested under the two conditions of Notes2 and Notes5.

R32 Split Type

Outdoor Unit Specifications

BMS
ConnectivityWired
ControllerWiFi
Control

Model Size				12kW	14kW	16kW
Model Outdoor				ACHP-H12/5R3HA-O	ACHP-H14/5R3HA-O	ACHP-H16/5R3HA-O
ODU Power Supply		V~,Hz,Ph		380-415/3/50	380-415/3/50	380-415/3/50
ODU Max. Input Consumption		kW		9.2	9.2	9.2
Heating2	Capacity	kW		12.2	14.5	16.1
	Rated input	kW		2.44	3.08	3.57
	COP			4.96	4.71	4.51
Heating3	Capacity	kW		12	14	16.1
	Rated input	kW		3.86	4.67	5.53
	COP			3.11	3	2.91
Cooling4	Capacity	kW		12	13.6	15
	Rated input	kW		3	3.78	4.41
	EER			4	3.6	3.4
Cooling5	Capacity	kW		11.7	12.8	14
	Rated input	kW		4.3	5.00	5.7
	EER			2.75	2.56	2.46
Energy efficiency class	LWT at 35°C			A+++	A+++	A+++
	LWT at 55°C			A++	A++	A++
SCOP	LWT at 35°C			4.82	4.71	4.63
	LWT at 55°C			3.46	3.48	3.43
MOP(Maximum overcurrent protection)		A		14	14	14
DC Inv.Compressor	Type			Twin rotary DC inverter	Twin rotary DC inverter	Twin rotary DC inverter
	Brand			panasonic	panasonic	panasonic
	Input	W		4495	4495	4495
	Operating Frequency	Hz		15~120	15~120	15~120
Outdoor Fan Motor	Brand			WOLONG	WOLONG	WOLONG
	Output Power x Fan	W		170*1	170*1	170*1
	Speed	r/min		870	870	870
Air Flow Volume		m3/h		4650	4650	4650
Sound pres. level	Outdoor Unit	dB(A)		49	50	54
Sound power level	Outdoor Unit	dB(A)		64	65	68
Dimension(W×D×H)	Net	mm		870×480×1060	870×480×1060	870×480×1060
	Packing	mm		980×545×1100	980×545×1100	980×545×1100
Weight	Net	kg		88	88	88
	Gross	kg		94	94	94
Refrigerant type/Quantity	Type			R32	R32	R32
	Charged Volume	kg		1.84	1.84	1.84
Refrigerant Piping	Liquid Side	mm		9.52	9.52	9.52
	Gas Side	mm		15.88	15.88	15.88
	MAX length	m		30	30	30
	MIN length	m		2	2	2
Installation height	ODU	m		20	20	20
Wiring specification	Power wiring (ODU)	mm2		4	4	4
	A.B signal wiring (to IDU)	mm2		0.75	0.75	0.75
Operating temperature range	Cooling	°C		-5 ~52	-5 ~52	-5 ~52
	Heating	°C		-25~ 35	-25~ 35	-25~ 35
	DHW	°C		-25~43	-25~43	-25~43
Energy efficiency label data	Colder	55°C	kW	10	11	12
		35°C	kW	11	13	14
	Average	55°C	kW	12	14	14
		35°C	kW	12	15	16
	Warmer	55°C	kW	13	14	14
		35°C	kW	11	12	13

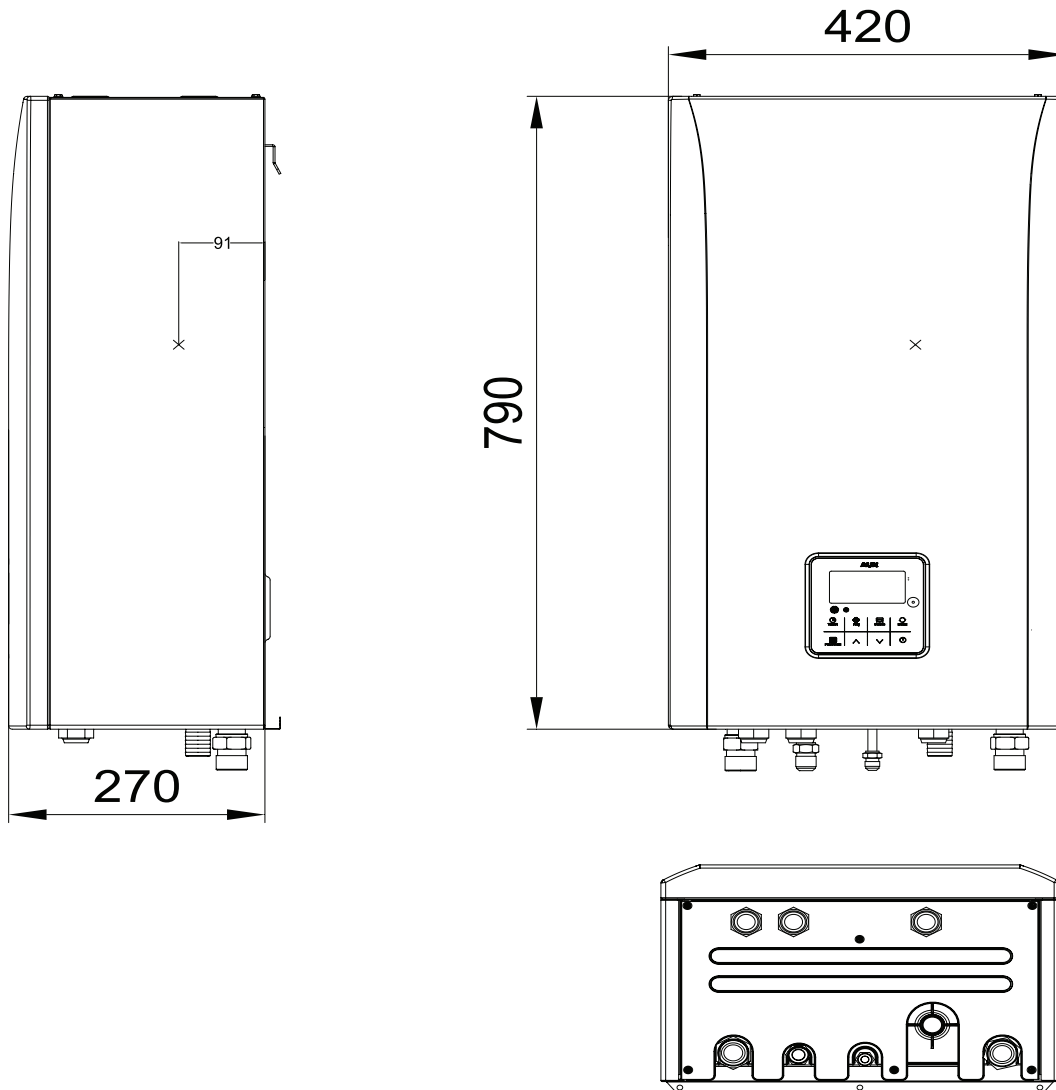
Note:

1. Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811:2013; (EU) No 813:2013; OJ 2014/C 207/02:2014.
2. Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C.
3. Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C.
4. Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C.
5. Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C.
6. Seasonal space heating energy efficiency class tested in average climate conditions.
7. Test standard: EN12102-1
8. Sound pressure level is the maximum value tested under the two conditions of Notes2 and Notes5.

R32 Split Type

Hydrobox Dimensions

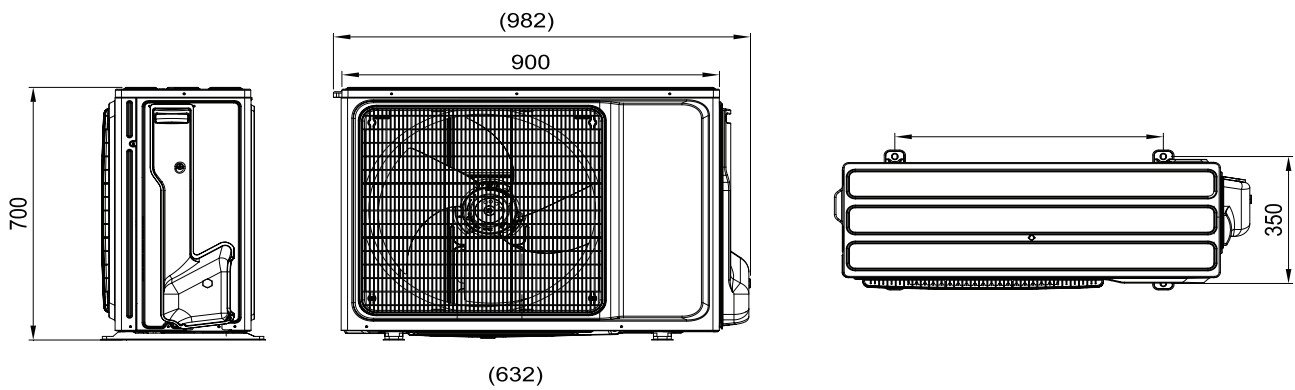
4KW, 6KW, 8KW, 10KW, 12KW, 14KW, 16KW AUX-HPWH32ST-04/I, AUX-HPWH32ST-06/I,
X-HPWH32ST-08/I, AUX-HPWH32ST-10/I, AUX-HPWH32MB-12/I, AUX-HPWH32MB-14/I,
AUX-HPWH32MB-16/I,



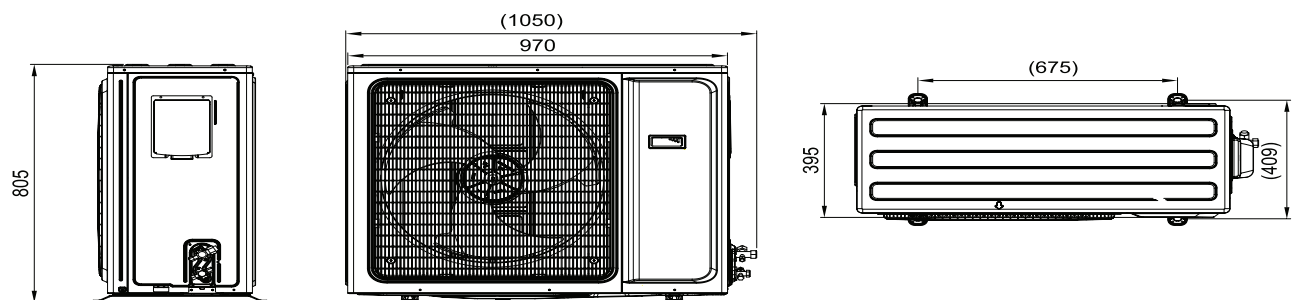
R32 Split Type

Outdoor Dimensions

4KW, 6KW AUX-HPWH32ST-04/O, AUX-HPWH32ST-06/O



8KW, 10KW 8KW, 10KW AUX-HPWH32ST-08/O, AUX-HPWH32ST-10/O



12KW, 14KW, 16KW AUX-HPWH32ST-12/O, AUX-HPWH32ST-14/O, AUX-HPWH32ST-16/O

