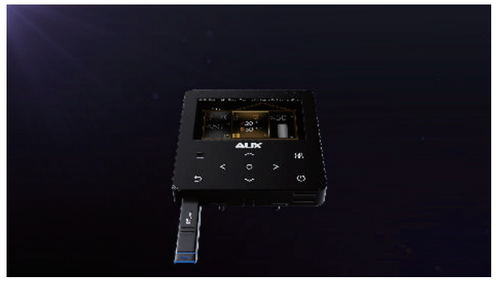
Convenience

The side panel can be opened directly



Program update

The wired controller built-in USB port, whitch can be used to upgrade program



Backup power & Gas boiler

- Can be connected to the backup power to maintain normal operation of the units after the power grid is cut off
- Can be connected with a gas boiler. When the units capacity is insufficient, turn on the gas boiler as an auxiliary heat source





Specification-Monoblock

Model name			4kW	6kW	8kW	10kW
Model			ACHP-H04/4R2HA-M	ACHP-H06/4R2HA-M	ACHP-H08/4R2HA-M	ACHP-H10/4R2HA-M
Power supply		V/Ph/H	220–240 / 1 / 50			
Heating[2]	Capacity	kW	4.5	6.35	8.4	10.0
	Rated power input	kW	0.87	1.28	1.68	2.08
	COP		5.15	4.95	5.0	4.8
Heating[3]	Capacity	kW	4.6	6.4	7.8	9.5
	Rated power input	kW	1.44	2.03	2.36	2.92
	COP		3.2	3.15	3.3	3.25
Cooling[4]	Capacity	kW	4.5	6.5	8.3	10.0
	Rated power input	kW	0.82	1.27	1.61	2.11
	EER		5.5	5.1	5.15	4.75
Cooling[5]	Capacity	kW	4.7	6.8	7.5	8.9
	Rated power input	kW	1.29	2.19	2.17	2.74
	EER		3.65	3.1	3.45	3.25
Seasonal space heating energy efficiency*7	LWT 35°C		A+++	A+++	A+++	A+++
	LWT 55°C		A+++	A+++	A+++	A+++
SCOP[6]	LWT 35°C		4.96	4.96	5.15	5.15
	LWT 55°C		3.90	3.90	3.88	3.93
Water pump	Head	m	9			
	Maximum flow rate	m³/h	4.5			
	Adapter diameter		DN25			
Sound pressure level	Monobloc unit	dB(A)	43	43	44	44
Sound power level	Monobloc unit	dB	56	57	57	57
Packaging dimensions (W × D × H)	Monobloc unit	mm	1205*555*870		1355*545*1210	
Unit dimensions (W × D × H)	Monobloc unit	mm	1130*450*740		1280*450*1040	
Net weight	Monobloc unit	kg	93		141	
Gross weight	Monobloc unit	kg	104		154	
Operating temperature range	Cooling	°C	-5 ~ 43			
	Heating	°C	-25 ~ 35			
	DHW (tank)	°C	-25 ~ 43			
Water temperature setting range	Cooling	°C	5 ~ 25			
	Heating	°C	25 ~ 80			
	DHW (tank)	°C	30 ~ 75			
Water circuit	Pipe connections	in.	G1" BSP			
	Safety valve pressure	MPa	0.3			
	Flow switch	m³/h	0.36		0.6	
	Expansion vessel capacity	L	5			
	Backup heater capacity	kW	3			
Loading quantity	40H/40/20	pcs.	117/78/36		68/33/16	

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.

Remarks:
1.Data from AUX lab, Data may change according to test surroundings, AUX reserves right of explanation on data
2.All specifications are subject to change by the manufacturer without prior notice

Specification–Monoblock

Model name			12kW	14kW	16kW
Model			ACHP-H12/4R2HA-M	ACHP-H14/4R2HA-M	ACHP-H16/4R2HA-M
Power supply		V/Ph/H	220–240 / 1 / 50		
Heating[2]	Capacity	kW	12	14	15.1
	Rated power input	kW	2.45	2.92	3.21
	COP		4.9	4.8	4.7
Heating[3]	Capacity	kW	12	14	15.1
	Rated power input	kW	3.69	4.38	4.79
	COP		3.25	3.2	3.15
Cooling[4]	Capacity	kW	12	14	16
	Rated power input	kW	2.67	3.89	4.10
	EER		4.5	3.6	3.9
Cooling[5]	Capacity	kW	11.5	12.7	14
	Rated power input	kW	3.8	4.38	5.09
	EER		3.05	2.9	2.75
Seasonal space heating energy efficiency*	LWT 35°C		A+++	A+++	A+++
	LWT 55°C		A+++	A+++	A+++
SCOP[6]	LWT 35°C		4.725	4.725	4.775
	LWT 55°C		3.825	3.825	3.825
Water pump	Head	m	9		
	Maximum flow rate	m^3/h	4.5		
	Adapter diameter		DN25		
Sound pressure level	Monobloc unit	dB(A)	45	46	47
Sound power level	Monobloc unit	dB	57	57	57
Packaging dimensions (W × D × H)	Monobloc unit	mm	1355*545*1210		
Unit dimensions (W × D × H)	Monobloc unit	mm	1280*450*1040		
Net weight	Monobloc unit	kg	156		
Gross weight	Monobloc unit	kg	169		
Operating temperature range	Cooling	°C	-5 ~ 43		
	Heating	°C	-25 ~ 35		
	DHW (tank)	°C	-25 ~ 43		
Water temperature setting range	Cooling	°C	5 ~ 25		
	Heating	°C	25 ~ 80		
	DHW (tank)	°C	30 ~ 75		
Water circuit	Pipe connections	cal.	G1" BSP		
	Safety valve pressure	MPa	0.3		
	Flow switch	m^3/h	0.6		
	Expansion vessel capacity	L	5		
	Backup heater capacity	kW	3		
Loading quantity	40H/40/20	jedn.	68/33/16		

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.

Remarks:
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Specification–Monoblock

Model name			8kW	10kW	12kW	14kW	16kW
Model			ACHP-H08/5R2HA-M	ACHP-H10/5R2HA-M	ACHP-H12/5R2HA-M	ACHP-H14/5R2HA-M	ACHP-H16/5R2HA-M
Power supply		V/Ph/H	380–415 / 3 / 50				
Heating[2]	Capacity	kW	8.4	10.0	12	14	15.1
	Rated power input	kW	1.68	2.08	2.45	2.92	3.21
	COP		5.0	4.8	4.9	4.8	4.7
Heating[3]	Capacity	kW	7.8	9.5	12	14	15.1
	Rated power input	kW	2.36	2.92	3.69	4.38	4.79
	COP		3.3	3.25	3.25	3.2	3.15
Cooling[4]	Capacity	kW	8.3	10.0	12	14	16
	Rated power input	kW	1.61	2.11	2.67	3.89	4.10
	EER		5.15	4.75	4.5	3.6	3.9
Cooling[5]	Capacity	kW	7.5	8.9	11.5	12.7	14
	Rated power input	kW	2.17	2.74	3.8	4.38	5.09
	EER		3.45	3.25	3.05	2.9	2.75
Seasonal space heating energy efficiency*	LWT 35°C		A+++	A+++	A+++	A+++	A+++
	LWT 55°C		A+++	A+++	A+++	A+++	A+++
SCOP[6]	LWT 35°C		5.15	5.15	4.73	4.73	4.78
	LWT 55°C		3.88	3.93	3.83	3.83	3.83
Water pump	Head	m	9				
	Maximum flow rate	m^3/h	4.5				
	Adapter diameter		DN25				
Sound pressure level	Monobloc unit	dB(A)	44	44	45	46	47
Sound power level	Monobloc unit	dB	57	57	57	57	58
Packaging dimensions (W × D × H)	Monobloc unit	mm	1355*545*1210				
Unit dimensions (W × D × H)	Monobloc unit	mm	1280*450*1040				
Net weight	Monobloc unit	kg	140		156		
Gross weight	Monobloc unit	kg	154		167		
Operating temperature range	Cooling	°C	-5 ~ 43				
	Heating	°C	-25 ~ 35				
	DHW (tank)	°C	-25 ~ 43				
Water temperature setting range	Cooling	°C	5 ~ 25				
	Heating	°C	25 ~ 80				
	DHW (tank)	°C	30 ~ 75				
Water circuit	Pipe connections	cal.	G1" BSP				
	Safety valve pressure	MPa	0.3				
	Flow switch	m^3/h	0.6				
	Expansion vessel capacity	L	5				
	Backup heater capacity	kW	9				
Loading quantity	40H/40/20	jedn.	68/33/16				

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.

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