



For the World We Share

30AWH_M | 18-30kW

For residential and light commercial applications

MONOBLOC AIR-TO-WATER HEAT PUMP

WITH R32 REFRIGERANT



MONOBLOC AIR-TO-WATER HEAT PUMP - R32 - 30AWH*H-9--M

30AWH_M | 18-30kW

THE 30AWH*H-9--M MONOBLOC AIR-TO-WATER HEAT PUMP OFFERS EFFICIENT HEATING, COOLING, AND DOMESTIC HOT WATER SOLUTIONS FOR NEW AND EXISTING HOMES, AS WELL AS SMALL BUSINESS ENVIRONMENTS.

The range is compatible with low to medium temperature emitters (underfloor heating, fan coil units, water cassettes, radiators, mixed installations, etc.).



Wide range offer

The 30AWH-M range of reversible heat pumps comprises 4 models, from 18 kW to 30 kW.



Low carbon footprint

Refrigerant R32 (GWP=675) helps protect the environment and preserve HFC quotas.



Stable operating condition

High leaving water temperature of max, 60°C @ -25°C outside air temperature.



Powerful performance

with high efficiency: Energy class A+++/A++ (35°C) or A++/A+ (55°C) ensuring high heating power at less energy consumption.



USB function

Convenient for program update and parameter setting



Control

Maximum 6 units controlled by one controller & Wi-Fi controller & App control



Smart Grid function

For low operation cost



Double zones control

Maximum 8 zones (customized)

ONE RANGE,
MANY APPLICATIONS



Individual
Housing



Collective
Housing



Light
Commercial

MONOBLOC AIR-TO-WATER HEAT PUMP - R32 - 30AWH*H-9--M

TECHNICAL DATA

30AWH*H-9--M			18	22	26	30
Heating (A7W35)	Capacity	kW	18	22	26	30.1
	Rated input	W	3830	5000	6373	7698
	COP		4.7	4.4	4.08	3.91
Heating (A7W45)	Capacity	kW	18	22	26	30
	Rated input	W	5143	6471	8387	10345
	COP		3.5	3.4	3.1	2.9
Heating (A7W55)	Capacity	kW	18	22	26	30
	Rated input	W	6545	8302	10612	13043
	COP		2.75	2.65	2.45	2.3
Heating (A-7W35)	Capacity	kW	18	21	22	23
	Rated input	W	6667	8077	8800	9388
	COP		2.7	2.6	2.5	2.45
Heating (A35W18)	Capacity	kW	18.5	23	27	31
	Rated input	W	3895	5000	6279	7750
	EER		4.75	4.6	4.3	4
Cooling (A35W7)	Capacity	kW	17	21	26	29.5
	Rated input	W	5574	7119	9630	11569
	EER		3.05	2.95	2.7	2.55
Seasonal space heating energy efficiency class	Water outlet at 35°C / 55°C	Class	A+++/A+	A+++/A+	A+++/A+	A+++/A+
SCOP	Warmer climate	35°C	5.73	5.93	5.85	5.4
		55°C	4	4.1	4.28	4.15
	Average climate	35°C	4.6	4.53	4.5	4.19
		55°C	3.21	3.22	3.14	3.14
	Colder climate	35°C	3.73	3.73	3.65	3.53
		55°C	2.5	2.63	2.6	2.58
SEER	Water outlet at 7°C		4.7	4.7	4.66	4.49
Compressor	Type		Twin rotary DC inverter			
Water pump	Max. pump head	m	12	12	12	12
Refrigerant (R32)	Charged volume	Kg	5	5	5	5
Throttle type			Electronic expansion valve			
Sound power level ²		dB	71	73	75	77
Rated water flow		m ³ /h	3.1	3.78	4.47	5.18
Internal water volume		L	3.5	3.5	3.5	3.5
Unit dimension (WxHxD)		mm	1129x1558x528			
Net		Kg	177			
Water piping connection Dia.		Kg	1-1/4" BSP	1-1/4" BSP	1-1/4" BSP	1-1/4" BSP
Ambient temperature range	Cooling	Inch	-10-46			
	Heating	°C	-25-35			
	DHW	°C	-25-43			
Water setting temperature range	Cooling	°C	0-25			
	Heating	°C	25-60			
	DHW ³	°C	30-60			
Power supply		V/Ph/Hz	380-415/3/50			

- Evaporator air in 7°C, 85% RH, Condenser water in/out 30/35°C
- Evaporator air in 7°C, 85% RH, Condenser water in/out 40/45°C
- Evaporator air in 7°C, 85% RH, Condenser water in/out 47/55°C
- Condenser water 35°C, Evaporator water in/out 12/7°C
- Condenser water 35°C, Evaporator water in/out 23/18°C
- Seasonal space heating energy efficiency class tests in average climate
- Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02
- Maximum domestic hot water temperature 60°C is only available with TBH support



AHI CARRIER SEE

GREECE

AHI CARRIER S.E. EUROPE SINGLE MEMBER S.A.

Headquarters

18, Kifissou Ave.
104 42 - Athens
Tel.: +30 210 6796300

Thessaloniki Branch

5, Ag. Georgiyy str., Cosmos Offices
570 01 - Patriarhiko Pileas Thessaloniki
Tel.: +30 231 3080430

grinfo@ahi-carrier.eu
www.ahicarrier-europe.gcom

BULGARIA

AHI CARRIER HVAC BULGARIA EOOD

Building 3, Ground floor, office 2
7 Iskarsko Shose Blvd., Sofia 1528
Tel.: +35 929483960
bginfo@ahi-carrier.com

Authorized by Carrier Corporation as a distributor of Carrier of HVAC products for SEE.

The manufacturer reserves the right to change the product specifications, data and images without previous notice.
AHI CARRIER SEE is not responsible for printing mistakes.