

# 30AWH

## REVERSIBLE AIR-TO-WATER HEAT PUMPS

60°C

### More than a heat pump. Compact, reliable and efficient.

The reversible AquaSnap PLUS air-to-water heat pumps with built-in inverter technology were designed for residential and light commercial applications.

The units integrate the latest technological innovations: ozone-friendly refrigerant R410A, DC inverter twin-rotary compressors, low-noise fan and microprocessor control.



## FEATURES

- Two versions with or without hydronic module in seven sizes with nominal cooling capacities from 3 to 13 kW and nominal heating capacities from 4 to 15 kW
- AquaSnap PLUS air-to-water heat pumps with built-in inverter technology were designed for residential and light commercial applications. They offer excellent energy efficiency values, exceptionally quiet operation and meet the most stringent operating temperature demands
- Temperature & humidity control

# 30AWH

TYPE	MODEL	PRODUCT DESCRIPTION	PRICE
AIR TO WATER HEAT PUMP (with hydronic module)	30AWH004HD	Nominal / maximum heating capacity: 4,07 / 4,7 kw - 1ph	3.903,00 €
	30AWH006HD	Nominal / maximum heating capacity: 5,76 / 6,2 kw - 1ph	4.499,00 €
	30AWH008HD	Nominal / maximum heating capacity: 7,16 / 8,0 kw - 1ph	5.004,00 €
	30AWH012HD	Nominal / maximum heating capacity: 11,86 / 13,5 kw - 1ph	7.118,00 €
	30AWH015HD	Nominal / maximum heating capacity: 14,46 / 16,3 kw - 1ph	7.933,00 €
	30AWH012HD9	Nominal / maximum heating capacity: 12,0 / 15,0 kw - 3ph	8.827,00 €
	30AWH015HD9	Nominal / maximum heating capacity: 15,0 / 17,4 kw - 3ph	9.155,00 €
AIR TO WATER HEAT PUMP (without hydronic module)	30AWH004XD	Nominal / maximum heating capacity: 4,07 / 4,7 kw - 1ph	3.532,00 €
	30AWH006XD	Nominal / maximum heating capacity: 5,76 / 6,2 kw - 1ph	4.001,00 €
	30AWH008XD	Nominal / maximum heating capacity: 7,16 / 8,0 kw - 1ph	4.653,00 €
	30AWH012XD	Nominal / maximum heating capacity: 11,86 / 13,5 kw - 1ph	6.615,00 €
	30AWH015XD	Nominal / maximum heating capacity: 14,46 / 16,3 kw - 1ph	7.250,00 €
	30AWH012XD9	Nominal / maximum heating capacity: 12,0 / 15,0 kw - 3ph	8.323,00 €
	30AWH015XD9	Nominal / maximum heating capacity: 15,0 / 17,4 kw - 3ph.	8.472,00 €



# 30AWH Heating Optimized

REVERSIBLE AIR-TO-WATER HEAT PUMP

60°C

**Simple, reliable, high efficiency heat pump. Built-in hydraulic module. Equipped with NHC control.**

The 30AWH HO air-to-water heat pump is designed for heating and cooling applications in new and existing individual homes and small businesses. When installed alone, the 30AWH HO is compatible with low to medium temperature emitters (underfloor heating, fan coil units, water cassettes, radiators, mixed installations, etc.).

The 30AWH HO is also compatible with medium to high temperature emitters for boiler back up operation. The 30AWH HO heat pump is installed outside in an open area, ideally as close as possible to the boiler room.

**AQUASNAP.**



## FEATURES

- Twin Rotary DC Inverter compressors
- NHC control associate with compressor and fan variable frequency driver combines intelligence with operating simplicity
- Low noise level or night mode
- Pulse Modulating Valve
- Brazed Plate Heat Exchanger



# 30AWH Heating Optimized

TYPE	MODEL	PRODUCT DESCRIPTION	PRICE
Air to water inverter CDU ("HE" models) WITH HYDRONIC MODULE	30AWH005HE	Nominal / maximum heating capacity: 5,10 / 5,27 - 1ph	4.516,00 €
	30AWH007HE	Nominal / maximum heating capacity: 7,15 / 8,77 - 1ph	5.488,00 €
	30AWH011HE	Nominal / maximum heating capacity: 11,25 / 13,67 - 1ph	8.002,00 €
	30AWH015HE	Nominal / maximum heating capacity: 15,10 / 15,92 - 1ph	8.719,00 €
	30AWH011HE9	Nominal / maximum heating capacity: 11,20 / 14,19 - 3ph	9.710,00 €
	30AWH015HE9	Nominal / maximum heating capacity: 15,00 / 16,52 - 3ph	10.035,00 €
Air to water inverter CDU ("XE" models) WITHOUT HYDRONIC MODULE	30AWH005XE	Nominal / maximum heating capacity: 5,10 / 5,27 - 1ph	4.087,00 €
	30AWH007XE	Nominal / maximum heating capacity: 7,15 / 8,77 - 1ph	4.881,00 €
	30AWH011XE	Nominal / maximum heating capacity: 11,25 / 13,67 - 1ph	7.435,00 €
	30AWH015XE	Nominal / maximum heating capacity: 15,10 / 15,92 - 1ph	7.967,00 €
	30AWH011XE9	Nominal / maximum heating capacity: 11,20 / 14,19 - 3ph	9.143,00 €
	30AWH015XE9	Nominal / maximum heating capacity: 15,00 / 16,52 - 3ph	9.282,00 €





# 30RQV

## AIR TO WATER HEAT PUMPS

60°C

### Superior reliability!

The AquaSnap Greenspeed liquid chiller/heat pump range was designed for commercial applications such as the air conditioning of offices, hotels and large residential houses.

**AQUASNAP** greenspeed



## FEATURES

- Non-ozone depleting refrigerant R410A, DC inverter twin-rotary compressors, low-noise variable speed fans and microprocessor control
- With exceptional energy efficiency values the inverter chillers qualify for local tax reductions and incentive plans in all EU countries
- Inverter technology compressor and fans
- Hydronic module available

# 30RQV

TYPE	MODEL	PRODUCT DESCRIPTION	PRICE
AIR TO WATER HEAT PUMPS INVERTER	30RQV017CX--B----	C =14,9 - 19,8 kW / H =16,2 - 17,1 kW - Without Hydronic Module	8.527,00 €
	30RQV017CH--B----	C =14,9 - 19,8 kW / H =16,2 - 17,1 kW - With Hydronic Module	9.734,00 €
	30RQV017CM--B----	C =14,9 - 19,8 kW / H =16,2 - 17,1 kW - With Hydronic Module (with variable speed circulator)	10.062,00 €
	30RQV021CX--B----	C =18,6 - 25,8 kW / H = 20,0 - 21,1 kW - Without Hydronic Module	9.967,00 €
	30RQV021CH--B----	C =18,6 - 25,8 kW / H = 20,0 - 21,1 kW - With Hydronic Module	11.174,00 €
	30RQV021CM--B----	C =18,6 - 25,8 kW / H = 20,0 - 21,1 kW - With Hydronic Module (with variable speed circulator)	11.502,00 €

# 30RQ

## AIR-TO-AIR HEAT PUMPS

50°C

### Fast installation - enhanced performance.

With its complete factory wiring, easy handling features, factory-installed options and intuitive interface, setting up the Aquasnap® air-cooled chiller is fast and straightforward.

Thanks to its low profile and small footprint, it can be installed virtually anywhere, making it the ideal choice for smaller offices, hotels and shops.

**AQUASNAP<sup>PLUS</sup>**  
Reversible



## FEATURES

- The units are equipped with a hydronic module integrated into the unit chassis, limiting the installation to straight-forward operations like connection of the power supply and the water supply and return piping
- Vertical air heat exchanger coils with protection grilles on anti-vibration mountings
- Exceptionally high energy efficiency at part load - all units are A rated in both cooling and heating mode

# 30RQ

TYPE	MODEL	PRODUCT DESCRIPTION	PRICE
AIR TO WATER HEAT PUMPS	30RQ-17CX-----A	C = 15,8 kW / H = 17 kW - Without Hydronic Module	7.554,00 €
	30RQ-17CH-----A	C = 15,8 kW / H = 17 kW - With Hydronic Module	9.095,00 €
	30RQ-21CX-----A	C = 19,9 kW / H = 21,5 kW - Without Hydronic Module	8.322,00 €
	30RQ-21CH-----A	C = 19,9 kW / H = 21,5 kW - With Hydronic Module	9.815,00 €
	30RQ-26CX-----A	C = 26,3 kW / H = 29,6 kW - Without Hydronic Module	9.849,00 €
	30RQ-26CH-----A	C = 26,3 kW / H = 29,6 kW - With Hydronic Module	11.362,00 €
	30RQ-33CX-----A	C = 32,3 kW / H = 33,0 kW - Without Hydronic Module	10.602,00 €
	30RQ-33CH-----A	C = 32,3 kW / H = 33,0 kW - With Hydronic Module	12.137,00 €
	30RQ-40DX-----A	C = 39,2 kW / H = 40,7 kW - Without neutral cable & Hydronic Module	14.265,00 €
	30RQ-40DH-----A	C = 39,2 kW / H = 40,7 kW - Without neutral cable & with Hydronic Module	15.898,00 €



# 61AF

## AIR-TO-WATER HEATING ONLY HEAT PUMPS

65°C

### High temperature heating.

- Scroll compressors with vapour injection
- Auto-adaptative microprocessor control
- Electronic expansion valve

**AQUASNAP**  
Heating



## FEATURES

- Energy savings
- The 61AF range is certified to the Eurovent energy efficiency class A with a coefficient of performance (COP) of over 4. This complies with the COP required by the Ecolabel certification
- The operating range allows outside temperatures down to -20°C and leaving water temperatures up to 65°C. Intelligent unit control permits unit operation in extreme conditions, minimising unit shutdown times
- Ductable version (models 35-105)

# 61AF

MODEL	PRODUCT DESCRIPTION	PRICE
<b>A/C HEATING ONLY</b>		
61AF-014P7-----B	Airsource heat pump non reversible / 14kW / 230v/1/50 (with hydronic module)	9.864,00 €
61AF-014X7-----B	Airsource heat pump non reversible / 14kW / 230v/1/50 (without hydronic module)	9.605,00 €
61AF-014P9-----B	Airsource heat pump non reversible / 13,6kW / 400v/3/50 (with hydronic module)	9.507,00 €
61AF-014X9-----B	Airsource heat pump non reversible / 13,6kW / 400v/3/50 (without hydronic module)	9.428,00 €
61AF-019P9-----B	Airsource heat pump non reversible / 19,5kW / 400v/3/50 (with hydronic module)	11.678,00 €
61AF-019X9-----B	Airsource heat pump non reversible / 19,5kW / 400v/3/50 (without hydronic module)	11.379,00 €
<b>A/C HEATING ONLY</b>		
61AF022-B	Airsource heat pump non reversible / 20,7kW / 400v/3/50 (without hydronic module)	UPON REQUEST
61AF030-B	Airsource heat pump non reversible / 25kW / 400v/3/50 (without hydronic module)	
61AF035-B	Airsource heat pump non reversible / 31,6kW / 400v/3/50 (without hydronic module)	
61AF045-B	Airsource heat pump non reversible / 42,8kW / 400v/3/50 (without hydronic module)	
61AF055-B	Airsource heat pump non reversible / 52,3kW / 400v/3/50 (without hydronic module)	
61AF075-B	Airsource heat pump non reversible / 68kW / 400v/3/50 (without hydronic module)	
61AF105-B	Airsource heat pump non reversible / 102kW / 400v/3/50 (without hydronic module)	

MODEL	PRICE
<b>ACCESSORIES (FOR SIZES 022 - 105)</b>	
OPT_3A: Condenser with pre treated fins	UPON REQUEST
OPT_11: 100PA External static pressure on fans	
OPT_15: Low noise level	
OPT_15LS: Extra low noise level	
OPT_25: Compressor electronic soft starter	
OPT_42: Frost protection down to -20°C	
OPT_116F: Hydronic module /LP/CV/SP	
OPT_148B: JBUS Gateway	
OPT_148D: LONTALK Gateway	
OPT_149: Backnet over IP	



# 61WG

NEXT GENERATION AQUASNAP WATER-TO-WATER

65°C

**AQUASNAP**  
Heating



## FEATURES

- Seventeen sizes with nominal heating capacities from 27 to 213 kW
- Optimized for heating applications, leaving water temperature up to 65°C, evaporator temperature down to -5°C and a COP of above 5
- Weather compensation control and control for supplementary electric heating stages or a relief boiler
- Complete hydronic kit, for both evaporator and condenser with different levels of available pressure, with variable or fixed speed
- 4"3 Touch Pilot controller and compatibility with the Aquasmart system

# 61WG

MODEL	PRODUCT DESCRIPTION	PRICE
<b>WATERSOURCE HEAT PUMP HEATING ONLY</b>		
61WG-020A	27kW / 400V/3/50	UPON REQUEST
61WG-025A	32kW / 400V/3/50	
61WG-030A	35kW / 400V/3/50	
61WG-035A	41kW / 400V/3/50	
61WG-040A	47kW / 400V/3/50	
61WG-045A	52kW / 400V/3/50	
61WG-050A	64kW / 400V/3/50	
61WG-060A	74kW / 400V/3/50	
61WG-070A	80kW / 400V/3/50	
61WG-080A	90kW / 400V/3/50	
61WG-090A	103kW / 400V/3/50	
61WG-110A	124,4kW / 400V/3/50	
61WG-120A	140,7kW / 400V/3/50	
61WG-140A	161,3kW / 400V/3/50	
61WG-150A	166kW / 400V/3/50	
61WG-170A	186,2kW / 400V/3/50	
61WG-190A	212,5kW / 400V/3/50	

MODEL	PRICE
OPT_25: Compressor electronic soft starter	UPON REQUEST
OPT_058: Lead Lag sensor	
OPT_70F: External general disconnect switch	
OPT_086: Condenser insulation	
OPT_116F: Hydronic module fixed speed – evaporator	
OPT_116J: Hydronic module variable speed – evaporator	
OPT_148B: JBUS Gateway	
OPT_148D: LON Gateway	
OPT_149: Backnet over IP	
OPT_153: Built in PHW & space heating control	
OPT_257: Low sound	
OPT_258: Very low sound level	
OPT_264: Evaporator customer screw connections	
OPT_265: Condenser customer screw connections	
OPT_266: Evaporator customer welded connections	
OPT_267: Condenser customer welded connections	
OPT_270T: Hydronic module fixed speed – condenser	
OPT_270V: Hydronic module inverter speed – condenser	
OPT_272: Brine to water configuration for ground source application	
OPT_273: Stackability of 2 units on field	
OPT_274: Top water connections	
OPT_275: Remote HMI	





# Accessories (for all models)

TYPE	MODEL	PRODUCT DESCRIPTION	PRICE
ACCESSORIES	33AW-RC1	Remote controller (for all units)	159,88 €
	33AW-CS1B	Programmable thermostat (for all units)	230,07 €
	33AW-RAS01	Remote outdoor air sensor (for all units)	87,97 €
ACCESSORIES	00PSG002521900A	WUI remote	224,29 €
	00PSG000596400A	Master Slave sensor	144,75 €
	00PSG002501300A	DHW sensor	57,57 €
	00PSG002522000A	Additional OAT sensor	72,29 €
AIR TO WATER HEAT PUMPS	30RAJ9002	Remote control	168,86 €
	00PSG001022800A	Remote wall mountable control	839,70 €















## **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. Georgioy str., Cosmos Offices  
570 01 - Patriarhiko Pileas Thessaloniki  
Tel.: +30 231 3080430

grinfo@ahi-carrier.eu  
www.ahi-carrier.gr  
www.toshiba-aircon.gr

## **BULGARIA**

### **AHI CARRIER HVAC BULGARIA EOOD**

Trade Center Europe Building 6,  
floor 3, office 6  
7 Iskarsko Shose Blvd., Sofia 1528  
Tel.: +35 929483960  
bginfo@ahi-carrier.com  
www.ahi-carrier.bg  
www.toshiba-aircon.bg

## **ROMANIA**

### **AHI CARRIER ROMANIA SRL**

Intrarea Nestorei 1, Corp B, Et. 5, Sector 4  
Cladirea River Plaza, RO-040295 Bucuresti  
Tel.: +40 214 050751  
roinfo@ahi-carrier.eu  
www.ahi-carrier.ro  
www.toshiba-aircon.ro

## **AUSTRIA**

### **AHI CARRIER GMBH**

Andromeda Tower, Donau-City Str. 6/9  
1220 Wien, Österreich  
Tel.: +43 1 269 969 710  
info@ahi-carrier.at  
www.ahi-carrier.at

## **CZECH REPUBLIC**

### **AHI CARRIER CZS.R.O.**

Styblova 253/13,  
14900 Praha 5, Chodov  
Tel.: +420 212 812 030  
info@ahi-carrier.cz  
www.ahi-carrier.cz