



TOSHIBA



HEATING & BSS PRODUCTS

JANUARY 2023



Welcome to AHI CARRIER EUROPE team!

AHI CARRIER EUROPE represents the commercial activities of **AHI CARRIER FZC** in Southeastern and Central Europe. Is responsible for the disposal and distribution of products Heating, Ventilation, Cooling and Air Conditioning (HVAC) of Carrier Corporation. **AHI CARRIER EUROPE** consists of a region of 15 countries with Headquarters in Athens and affiliated offices in Sofia, Bucharest, Vienna, and Prague. We provide high quality products and services, in accordance with all international regulations, always taking care of their immediate and safe delivery.

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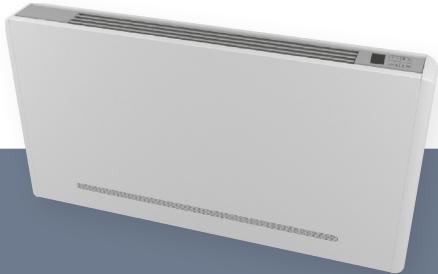
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ACCESSORIES



At CARRIER,
we are always
by your side!

PRODUCT INFORMATION AND SALES

For your information on sales enquiries (quotes, commercial policy), search / description of characteristics of products and their availability, you can contact your local dealer.

PRODUCT WARRANTIES

For warranty issues and claims, you could contact your local dealer or visit our website where you can find all terms and conditions for the products warranty.

SHIPMENTS AND RETURNS OF PRODUCTS

To assist you on shipping or returning the products, you can contact your local dealer for cases such as:

- The products have been delivered by the shipping company in poor condition (beaten or with damaged packaging) You should not proceed to the receipt of the products, and you should immediately inform the competent seller. Unfortunately, otherwise, it will be considered acceptance of their condition by the recipient and the transfer of any responsibility for their proper operation as well as the coverage of the guarantee to your company is automatically transferred.
- The products have been received in flawless packaging, but the machine has been damaged You should immediately send, to the competent seller, a description of the problem along with accompanying photos of the product and its packaging. The technical support and guarantee department is responsible in turn for informing you of the progress of your request.

COMMUNICATION

In case you want to report a problem, you can contact the relevant seller in your area or send an email to: grinfo@ahi-carrier.eu.

HEAT PUMPS

Toshiba Estia air-to-water heat pumps are the ideal solution for increasing energy efficiency, using air as its main source of energy.

This all-in-one system is designed to ensure that the right temperature for space heating and domestic sanitary hot water is achieved quickly and efficiently, with the additional advantage of operating as a cooling source, in the warmer seasons.

TOSHIBA



ESTIA SPLIT R410A & R32 WALL MOUNTED & ALL-IN-ONE

OUTDOOR UNITS

Toshiba has a long and successful experience in the production of air-to-air heat pumps. The same reliable and award winning technology is also at the core of these new air-to-water heat pumps benefiting from the advanced inverter technology and the Toshiba DC twin-rotary compressor. ESTIA heat pumps operate with the reliable and safe R410A & R32 low GWP refrigerants.



HYDRO UNITS

Compact and silent outdoor units are associated with hydraulic modules on the indoor side: refrigeration connections to ease the installation.

ESTIA hydro modules are available in three versions:

- ✓ All-In-One with integrated DHW cylinder 1 zone: Space heating & cooling, DHW production
- ✓ All-In-One with integrated DHW cylinder 2 zones: Dual-zone space heating & cooling, DHW production
- ✓ Wall-mounted hydraulic module: Space heating & cooling provided with a compact module installed on the wall. DHW production possibility thanks to a remote tank

HOT WATER TANK

The ESTIA tank is a compact stainless steel insulated tank producing domestic hot water for sanitary use. The performance of the overall system is also maximised thanks to the integrated coaxial heat exchanger. The internal electric heater is controlled to optimise the use of the system in the case of extreme outdoor air temperatures. This solution reduces running costs and guarantees a constant hot water temperature inside the tank.



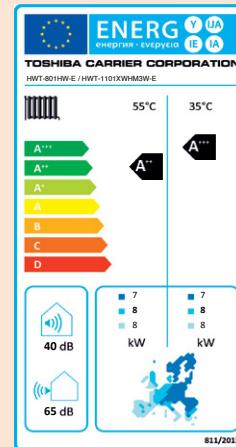
CONTROLLER 2 ZONES WITH WEEKLY TIMER



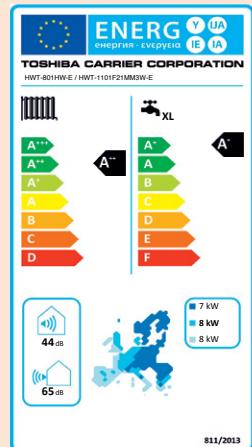
The large screen remote controller is designed to be simple, intuitive and easy to use. The remote controller allows independent heating to a maximum of 2 zones and domestic hot water. It regulates the water temperature and optimises the systems energy consumption. The anti-bacteria control and the hot water boost functions can easily be activated. The remote controller can also be used to set weekly timers for the system and, when used as a second remote controller, can be used to control room air temperature.

LEADING ENERGY EFFICIENCY A+++/A++ WITH COP UP TO 5.20 RATED CONDITIONS.

With its best-in-class COP performance, the ESTIA air-to-water heat pump system delivers more heating power with less energy consumption. With the Toshiba advanced inverter, Estia air-to-water heat pump system only delivers the heating capacity required, thus reducing the amount of electricity used and the running costs of the heating system..



ESTIA Space Heating
Energy label



ESTIA combination & heater
(with Domestic Hot Water)
Energy label

ESTIA DOMESTIC HOT WATER HEAT PUMP

The best energy savings for sanitary hot water production throughout the year Toshiba DHW-HP is providing best in class performances on the market with:

- ✓ A+ Energy Label Class
- ✓ High COP 3.69 according to EN16147
- ✓ Very low noise level and Silent function
- ✓ Variable air flow rate & high ESP fan up to 200 Pa
- ✓ Hot water production up to 65°C

The Toshiba DHW-HP provides 80% energy savings Vs traditional electric water heaters with best-in-class COP 3.69 (EN16147 LCIE certified). Compatible with solar systems (photovoltaic panels ready or solar built-in extra coil), and smart grid ready, makes it the best solution for increased energy savings.

The innovative and adaptive controller is user friendly with 5 operational modes AUTO, ECO, BOOST, SILENT and HOLIDAY.

Toshiba DHW-HP offers flexible control solutions with low electricity tariff mode, energy consumption display, Smart grid ready, Modbus connectivity, Air Cooling function & Floor Heating function with extra coil.

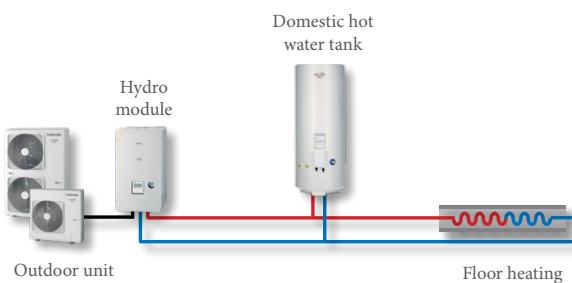
Toshiba DHW-HP is particularly reliable thanks to its anti-corrosion enameled steel tank with magnesium anode. The electrical heater back-up provides hot water at any time.



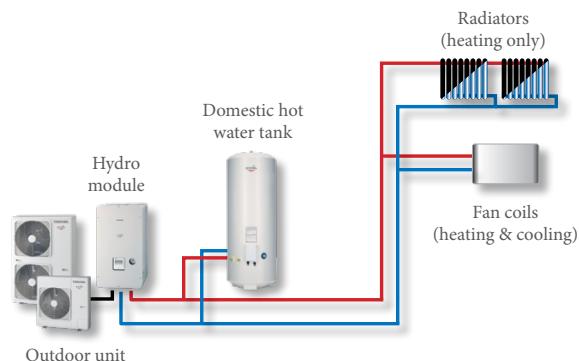
ONE SYSTEM, FULL COMBINATIONS FLEXIBILITY

For new houses or refurbishment projects ESTIA heat pumps offer a variety of combinations. Some examples are shown below:

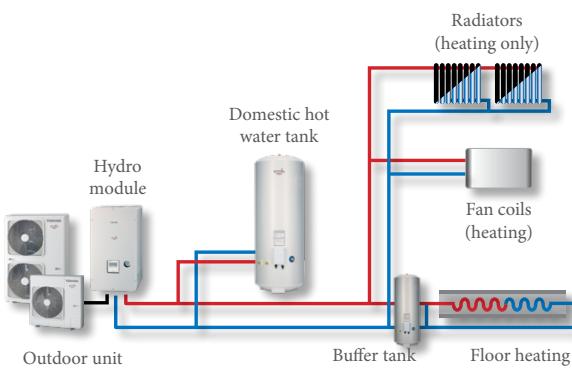
1 SPACE HEATING WITH DOMESTIC HOT WATER



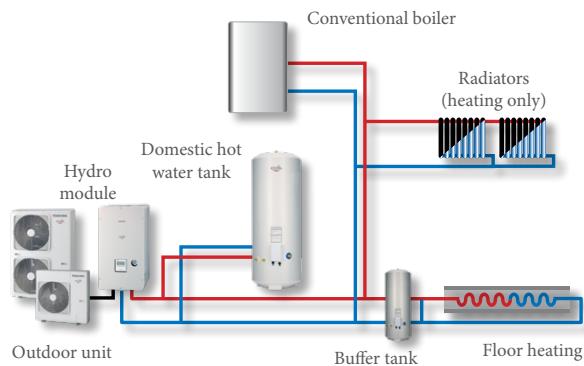
1 SPACE HEATING/COOLING WITH DOMESTIC HOT WATER



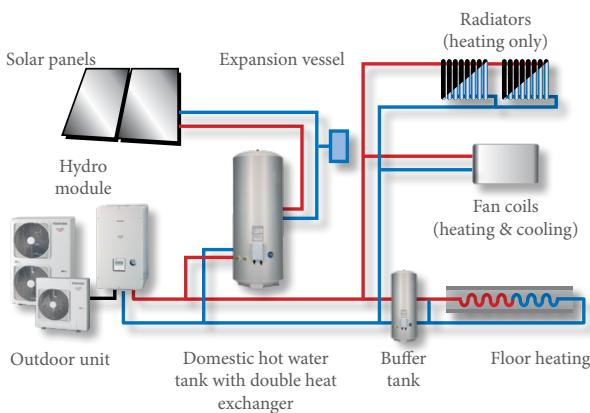
2 SPACE HEATING WITH DOMESTIC HOT WATER



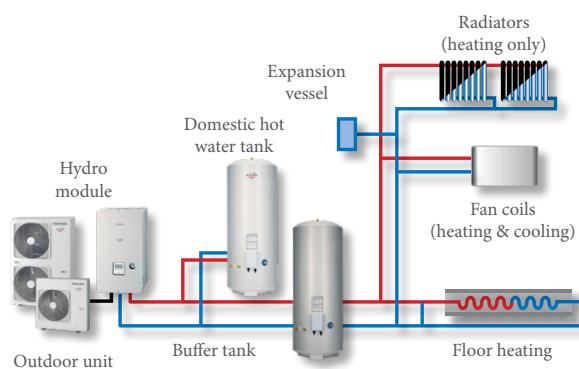
2 SPACE HEATING WITH DOMESTIC HOT WATER & BACKUP BOILER



2 SPACE HEATING/COOLING (MULTIPLE ZONES) WITH DOMESTIC HOT WATER & SOLAR PANELS



2 SPACE HEATING/COOLING (MULTIPLE ZONES) WITH DOMESTIC HOT WATER



In existing dwellings already equipped with traditional gas or fuel boilers, the Toshiba ESTIA air-to-water heat pump system can be combined with the existing heating system to fully cover and optimise all heating needs, all year round. The boiler is then only used as a back-up source during some extreme weather days during the winter. The intelligent Toshiba control balances the energy source in the most efficient way.

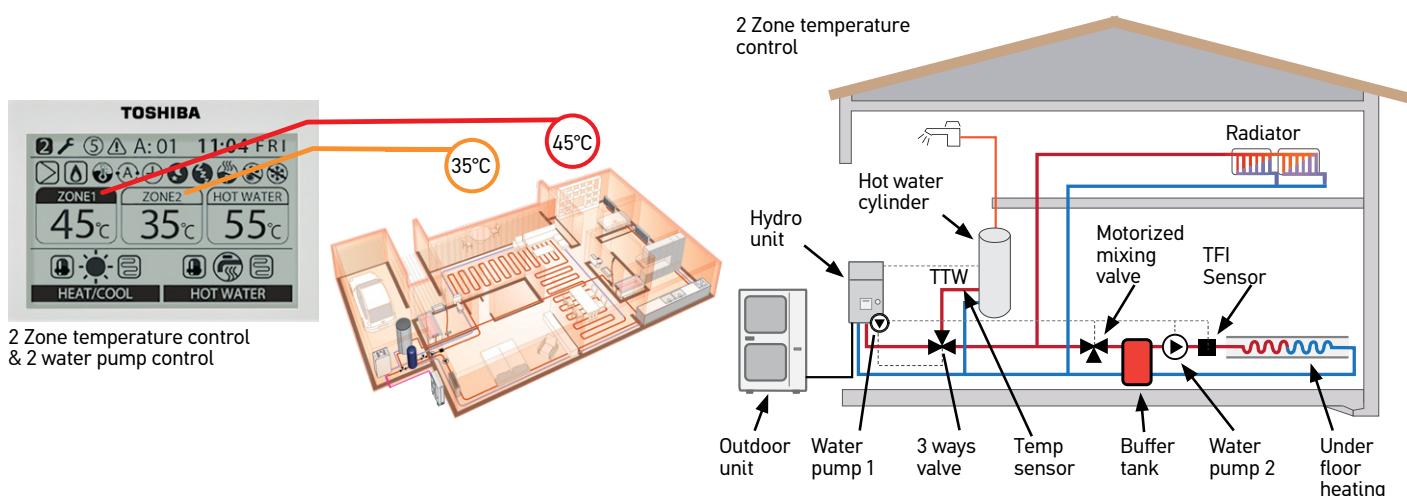
ESTIA CONTROLS

Toshiba offers different control solutions to meet end users' and designers' expectations. From local individual control and settings to computer-based TCC-Link network, all indoor units can be programmed and set to suit the operational needs.

Remote control systems offer a wide range of features including schedule timers, diagnostic functions, input/ output signals, to name a few. Toshiba offers a number of local control products that can be used to control a single indoor unit, or group of up to 8 indoor units, from a position adjacent to that indoor unit or group. It is possible to install these local controllers up to 500 m from the connected indoor unit which allows greater flexibility when designing the installation, a site.

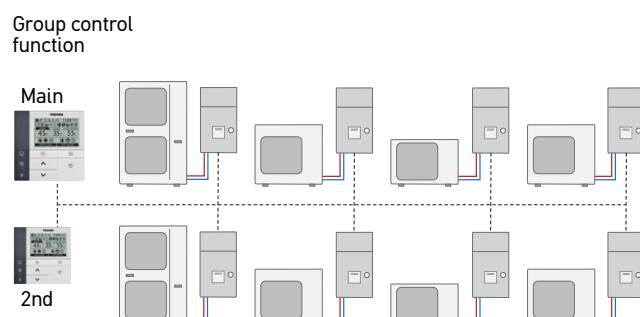
2 ZONE & 2 WATER PUMP CONTROL

Provide heating/cooling (multiple zones) with domestic hot water.



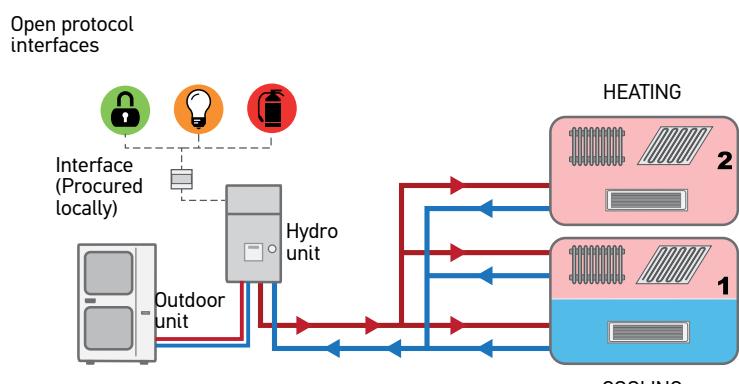
CONTROL INTEGRATION

ESTIA Master/Slave group control function allows up to 2 remote controllers to operate simultaneously up to 8 systems. ESTIA Open protocol interfaces Modbus & KNX are available in Home Energy Management Systems.



One remote controller can operate simultaneously up to 8 systems

Note: Maximum connection configuration:
8 outdoors and 2 remote controllers



Modbus and KNX interfaces are available to use in Home Energy Management Systems

TOSHIBA INVERTER ESTIA R32

ALL-IN-ONE

ESTiA



Up to
65°C

ESTIA R32 All-in-one air to water reversible Heat Pumps provide space heating or comfort cooling throughout the year, with an integrated 210lit Domestic Hot Water cylinder. They are ideal for new constructions and renovation.

- ✓ Toshiba Twin Rotary compressor & inverter technology, with injection technology on sizes 8 & 11kW
- ✓ 65°C maximum leaving water temperature ideal for renovation and boiler replacement (size 8 & 11 kW).
- ✓ Heat pump operation for DHW production up to +43°C ambient temperature to maximize energy savings.
- ✓ Back up heaters 3kW (1ph) or 6kW(3ph) or 9kW(3ph).
- ✓ Very compact outdoor unit (one fan technology).

- ✓ Floor standing All-in-One hydro module 600 x 700 x 1.700 mm for easy integration.
- ✓ High energy efficiency for superior savings. A+++ / A++ energy class in space heating in Low / Medium water temperature (average zone)
- ✓ Remote control via smartphones: wireless interface option compatible with the Toshiba Home AC Control App.

1 zone control

CODE		CAPACITY (kW)		η_{sh} (%) / SCOP LOW LWT	ENERGY CLASS LOW LWT AVERAGE ZONE	ELECTRICAL SUPPLY CDU / IDU	Price (€)
OUTDOOR UNIT	INDOOR UNIT	HEATING [NOM./MAX.]	COOLING				
HWT-401HW-E	HWT-601F21SM3W-E*	4,0 / 7,25	4,0	178 / 4,53	A+++	1ph / 1ph	9.700
HWT-401HW-E	HWT-601F21ST6W-E*	4,0 / 7,25	4,0	178 / 4,53	A+++	1ph / 3ph	9.840
HWT-601HW-E	HWT-601F21SM3W-E*	6,0 / 7,25	5,0	180 / 4,58	A+++	1ph / 1ph	9.910
HWT-601HW-E	HWT-601F21ST6W-E	6,0 / 7,25	5,0	180 / 4,58	A+++	1ph / 3ph	10.050
HWT-801HW-E	HWT-1101F21SM3W-E	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 1ph	11.470
HWT-801HW-E	HWT-1101F21ST6W-E*	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 3ph	11.670
HWT-801HW-E	HWT-1101F21ST9W-E	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 3ph	11.670
HWT-801HRW-E	HWT-1101F21SM3W-E	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 1ph	11.730
HWT-801HRW-E	HWT-1101F21ST6W-E*	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 3ph	11.930
HWT-801HRW-E	HWT-1101F21ST9W-E	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 3ph	11.930
HWT-1101HW-E	HWT-1101F21SM3W-E	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 1ph	12.500
HWT-1101HW-E	HWT-1101F21ST6W-E*	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 3ph	12.700
HWT-1101HW-E	HWT-1101F21ST9W-E	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 3ph	12.700
HWT-1101HRW-E	HWT-1101F21SM3W-E	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 1ph	12.800
HWT-1101HRW-E	HWT-1101F21ST6W-E*	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 3ph	13.000
HWT-1101HRW-E	HWT-1101F21ST9W-E	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 3ph	13.000
HWS-AMSU51-E	Room Temperature controller (for 16 languages)						180
HWS-IFAIP01U-E	0-10V Interface						590
HWS-IWF0010UP-E	Wi-Fi Interface Box						160

Prices without VAT

Heating mode conditions:

- Water heat exchanger water entering / leaving temperature 30°C / 35°C
- Outside air temperature 7°C DB / 6°C WB

Cooling mode conditions:

- Water heat exchanger water entering / leaving temperature 12°C / 7°C
- Outside air temperature 35°C

*Please contact with AHI CARRIER Europe for availability



TOSHIBA INVERTER ESTIA R32

ALL-IN-ONE

ESTiA



**Up to
65°C**

2 zone control

- ✓ 2 zone control option available for 8 & 11kW models (2 zone components supplied as standard).
- ✓ Easy installation with Top connections for all piping
- ✓ Easy maintenance with Front access to all components

- ✓ Easy commissioning & service with Front electrical box access
- ✓ Hydronic circuits with pump 1 or 2 zones (factory fitted)
- ✓ Remote control via smartphones; wireless interface option compatible with the Toshiba Home AC Control App.

CODE		CAPACITY (kW)		$\eta_{sh} (\%)$ / SCOP LOW LWT	ENERGY CLASS LOW LWT AVERAGE ZONE	ELECTRICAL SUPPLY CDU / IDU	Price (€)
OUTDOOR UNIT	INDOOR UNIT	HEATING [NOM./MAX.]	COOLING				
HWT-801HW-E	HWT-1101F21MM3W-E	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 1ph	12.910
HWT-801HW-E	HWT-1101F21MT6W-E*	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 3ph	13.130
HWT-801HW-E	HWT-1101F21MT9W-E	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 3ph	13.130
HWT-801HRW-E	HWT-1101F21MM3W-E	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 1ph	13.170
HWT-801HRW-E	HWT-1101F21MT6W-E*	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 3ph	13.390
HWT-801HRW-E	HWT-1101F21MT9W-E	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 3ph	13.390
HWT-1101HW-E	HWT-1101F21MM3W-E	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 1ph	13.940
HWT-1101HW-E	HWT-1101F21MT6W-E*	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 3ph	14.160
HWT-1101HW-E	HWT-1101F21MT9W-E	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 3ph	14.160
HWT-1101HRW-E	HWT-1101F21MM3W-E	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 1ph	14.240
HWT-1101HRW-E	HWT-1101F21MT6W-E*	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 3ph	14.460
HWT-1101HRW-E	HWT-1101F21MT9W-E	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 3ph	14.460
HWS-AMSU51-E		Room Temperature controller (for 16 languages)					180
HWS-IFAIP01U-E		0-10V Interface					590
HWS-IWF0010UP-E		Wi-Fi Interface Box					160

Prices without VAT

Heating mode conditions:

- Water heat exchanger water entering / leaving temperature 30°C / 35°C
- Outside air temperature 7°C DB / 6°C WB

Cooling mode conditions:

- Water heat exchanger water entering / leaving temperature 12°C / 7°C
- Outside air temperature 35°C

*Please contact with AHI CARRIER Europe for availability



TOSHIBA INVERTER ESTIA R32

WALL MOUNTED

ESTiA



ESTIA R32 wall mounted air to water reversible Heat Pumps provide space heating or comfort cooling throughout the year. They are ideal for new constructions and renovation. They can be combined with a separated tank for domestic hot water production (150, 210 and 300 lit).

**Up to
65°C**

- ✓ Toshiba Twin Rotary compressor & inverter technology, with injection technology on sizes 8 & 11kW.
- ✓ 65°C maximum leaving water temperature ideal for renovation and boiler replacement (size 8 & 11 kW).
- ✓ Heat pump operation for DHW production up to +43°C ambient temperature to maximize energy savings.
- ✓ Back up heaters 3kW (1ph) or 6kW(3ph) or 9kW(3ph).
- ✓ Very compact outdoor unit (one fan technology).
- ✓ Easy start up tool (with Dyna kit) for quick commissioning.
- ✓ High energy efficiency for superior savings. A+++ / A++ energy class in space heating in Low / Medium water temperature (average zone)
- ✓ Remote control via smartphones: wireless interface option compatible with the Toshiba Home AC Control App.

CODE		CAPACITY (kW)		$\eta_{sh} (\%)$ / SCOP LOW LWT	ENERGY CLASS LOW LWT AVERAGE ZONE	ELECTRICAL SUPPLY CDU / IDU	Price (€)
OUTDOOR UNIT	INDOOR UNIT	HEATING [NOM./MAX.]	COOLING				
HWT-401HW-E	HWT-601XWHM3W-E*	4,0 / 7,25	4,0	178 / 4,53	A+++	1ph / 1ph	5.580
HWT-401HW-E	HWT-601XWHT6W-E*	4,0 / 7,25	4,0	178 / 4,53	A+++	1ph / 3ph	5.720
HWT-601HW-E	HWT-601XWHM3W-E	6,0 / 7,25	5,0	180 / 4,58	A+++	1ph / 1ph	5.790
HWT-601HW-E	HWT-601XWHT6W-E*	6,0 / 7,25	5,0	180 / 4,58	A+++	1ph / 3ph	5.930
HWT-801HW-E	HWT-1101XWHM3W-E	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 1ph	7.530
HWT-801HW-E	HWT-1101XWHT6W-E*	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 3ph	7.770
HWT-801HW-E	HWT-1101XWHT9W-E	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 3ph	7.770
HWT-801HRW-E	HWT-1101XWHM3W-E	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 1ph	7.790
HWT-801HRW-E	HWT-1101XWHT6W-E*	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 3ph	8.030
HWT-801HRW-E	HWT-1101XWHT9W-E	8,0 / 11,90	6,0	182 / 4,63	A+++	1ph / 3ph	8.030
HWT-1101HW-E	HWT-1101XWHM3W-E	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 1ph	8.560
HWT-1101HW-E	HWT-1101XWHT6W-E*	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 3ph	8.800
HWT-1101HW-E	HWT-1101XWHT9W-E	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 3ph	8.800
HWT-1101HRW-E	HWT-1101XWHM3W-E	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 1ph	8.860
HWT-1101HRW-E	HWT-1101XWHT6W-E*	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 3ph	9.100
HWT-1101HRW-E	HWT-1101XWHT9W-E	11,0 / 13,24	8,0	179 / 4,55	A+++	1ph / 3ph	9.100
HWS-AMSU51-E	Room Temperature controller (for 16 languages)						180
HWS-IFAIP01U-E	0-10V Interface						590
HWS-IWF0010UP-E	Wi-Fi Interface Box						160

Prices without VAT

Heating mode conditions:

- Water heat exchanger water entering / leaving temperature 30°C / 35°C
- Outside air temperature 7°C DB / 6°C WB

Cooling mode conditions:

- Water heat exchanger water entering / leaving temperature 12°C / 7°C
- Outside air temperature 35°C

*Please contact with AHI CARRIER Europe for availability



R32
REFRIGERANT

TOSHIBA INVERTER ESTIA R410A

STANDARD TYPE

made in Japan



Up to
55°C

The Toshiba air to water reversible Heat Pump split system is designed to deliver the right temperature for space heating or comfort cooling and produce DHW throughout the year. They can be combined with a separated tank for domestic hot water production (150, 210 and 300 lit).

- ✓ Toshiba Twin Rotary compressor & inverter technology. Estia heat pumps operate with the reliable and safe R-410A refrigerant.
- ✓ The Toshiba inverter uses the new vector controlled Intelligent Power Drive Unit, which enables a wider range of compressor frequencies resulting in better temperature control.
- ✓ Heating operation down to -20°C.
- ✓ Domestic sanitary hot water +40°C to +75°C.
- ✓ Back up heaters 3kW (1ph) or 6kW (3ph) or 9kW (3ph).
- ✓ High energy efficiency providing enhanced energy savings. A++ / A++ energy class in space heating in Low / Medium water temperature (average zone).
- ✓ Master / slave group control up to 8 units (with one RC).

CODE		CAPACITY (kW)		$\eta_{sh} (\%)$ / SCOP LOW LWT	ENERGY CLASS LOW LWT AVERAGE ZONE	ELECTRICAL SUPPLY CDU / IDU	Price (€)
OUTDOOR UNIT	INDOOR UNIT	HEATING [NOM./MAX.]	COOLING				
HWS-1105H-E	HWS-1405XWHT9-E	11.2 / 14,63	10,0	163 / 4,17	A++	1ph / 3ph	9.820
HWS-1105H8-E	HWS-1405XWHT9-E	11,2 / 14,73	10,0	161 / 4,12	A++	3ph / 3ph	10.320
HWS-1405H-E	HWS-1405XWHT9-E	14,0 / 16,74	11,0	159 / 4,08	A++	1ph / 3ph	10.260
HWS-1405H8-E	HWS-1405XWHT9-E	14,0 / 15,77	11,0	157 / 4,02	A++	3ph / 3ph	10.820
HWS-1605H8-E	HWS-1405XWHT9-E	16,0 / 16,76	13,0	159 / 4,07	A++	3ph / 3ph	11.720
TCB-PCIN3E	External output PCB						140
TCB-PCM03E	External input PCB						100
HWS-AMS54E	Additional user interface (for 5 series only)						200

Prices without VAT

Heating mode conditions:

- Water heat exchanger water entering / leaving temperature 30°C / 35°C
- Outside air temperature 7°C DB / 6°C WB

Cooling mode conditions:

- Water heat exchanger water entering / leaving temperature 12°C / 7°C
- Outside air temperature 35°C



TOSHIBA INVERTER ESTIA R410A

POWERFUL TYPE

made in Japan



Up to
60°C

The Toshiba air to water reversible Heat Pump split system is designed to deliver the right temperature for space heating or comfort cooling and produce DHW throughout the year. For low ambient areas and/or application where require high water temperature. They can be combined with a separated tank for domestic hot water production (150, 210 and 300 lit).

- ✓ Toshiba Twin rotary compressor & inverter technology. Estia heat pumps operate with the reliable and safe R-410A refrigerant.
- ✓ The Toshiba inverter uses the new vector controlled Intelligent Power Drive Unit, which enables a wider range of compressor frequencies resulting in better temperature control.
- ✓ Heating operation down to -25°C.
- ✓ Maintain rated capacity down to -15°C.
- ✓ Back up heaters 3kW (1ph) or 6kW (3ph) or 9kW (3ph).
- ✓ High energy efficiency providing enhanced energy savings. A++ / A++ energy class in space heating in Low / Medium water temperature (average zone).
- ✓ Master / slave group control up to 8 units (with one RC).

CODE		CAPACITY (kW)		$\eta_{sh} (\%)$ / SCOP LOW LWT	ENERGY CLASS LOW LWT AVERAGE ZONE	ELECTRICAL SUPPLY CDU / IDU	Price (€)
OUTDOOR UNIT	INDOOR UNIT	HEATING [NOM./MAX.]	COOLING				
HWS-P805HR-E	HWS-P805XWHM3-E	8,0 / 16,92	6,0	157 / 4,01	A++	1ph / 1ph	9.120
HWS-P805HR-E	HWS-P805XWHT9-E	8,0 / 16,92	6,0	157 / 4,01	A++	1ph / 3ph	9.320
HWS-P805H8R-E	HWS-P805XWHM3-E	8,0 / 18,06	6,0	169 / 4,31	A++	3ph / 1ph	10.060
HWS-P805H8R-E	HWS-P805XWHT9-E	8,0 / 18,06	6,0	169 / 4,31	A++	3ph / 3ph	10.260
HWS-P1105HR-E	HWS-P1105XWHT9-E	11,2 / 18,05	10,0	175 / 4,48	A+++	1ph / 3ph	10.600
HWS-P1105H8R-E	HWS-P1105XWHT9-E	11,2 / 18,00	10,0	173 / 4,43	A++	3ph / 3ph	11.360
HWS-P1405H8R-E	HWS-P1105XWHT9-E	14,0 / 21,10	11,0	173 / 4,43	A++	3ph / 3ph	11.900
TCB-PCIN3E	External output PCB						140
TCB-PCM03E	External input PCB						100
HWS-AMS54E	Additional user interface (for 5 series only)						200

Prices without VAT

Heating mode conditions:

- Water heat exchanger water entering / leaving temperature 30°C / 35°C
- Outside air temperature 7°C DB / 6°C WB.

Cooling mode conditions:

- Water heat exchanger water entering / leaving temperature 12°C / 7°C
- Outside air temperature 35°C.



TOSHIBA ESTIA DHW HEAT PUMP



The Toshiba DHW-HP is designed to provide the customer with best-in-class performance and energy savings, for sanitary hot water production, throughout the year. Thanks to its large operation range, high external static pressure fan and low noise operation the Toshiba DHW-HP is suitable for all types of installation.



- ✓ Energy class A+ (ErP 2017).
- ✓ Heat pump hot water production from -7°C to +40°C ambient temperature.
- ✓ Hot water temperature up to +60°C without the use of electric heaters.
- ✓ Adjustable air flow rate (0 – 800 m³/h).
- ✓ Best-in-class fan external static pressure (up to 200Pa).
- ✓ Low noise operation.
- ✓ Slim line chassis design (Ø 603mm).
- ✓ Two models with only heat pump operation and two models with heat pump operation and additional solar coil for operation with solar collectors.
- ✓ Refrigerant R134a.
- ✓ Enamelled steel tank
- ✓ Auxiliary heater
- ✓ Comfort and ease of installation
- ✓ Intuitive and adaptive control. User friendly control with 5 operational modes
- ✓ AUTO, ECO, BOOST, SILENT and HOLIDAY

CODE	WATER VOLUME (LT)	η_v / COP* / ENERGY CLASS	MAXIMUM WATER TEMPERATURE (°C)	AUXILIARY ELECTRIC HEATER (kW)	DIMENSIONS DIAM. x HEIGHT (mm)	ELECTRICAL SUPPLY (V-ph-Hz)	Price (€)
HWS-G1901CNMR-E	190	146 / 3,57 / A+	65	1,5	620 x 1.600	230-1-50	3.350
HWS-G1901ENXR-E	190	146 / 3,57 / A+	65	1,5	620 x 1.600	230-1-50	3.970
HWS-G2601CNMR-E	260	150 / 3,69 / A+	65	1,5	620 x 1.960	230-1-50	3.430
HWS-G2601ENXR-E	260	150 / 3,69 / A+	65	1,5	620 x 1.960	230-1-50	4.160

Prices without VAT.

* Initial / final water temperature 10°C / 52,9°C and ambient temperature 7°C (EN 16147).6147

TOSHIBA DOMESTIC HOT WATER TANK



The ESTIA tank is a compact stainless steel insulated tank producing domestic hot water for sanitary use. The performance of the overall system is also maximized thanks to the integrated coaxial heat exchanger.

- ✓ Three stainless steel models (160-210-300 Lit).
- ✓ Auxiliary electric heater, which is controlled to optimize the use of the system in the case of extreme outdoor air temperatures.
- ✓ Hot water temperature up to +75°C with the use of electric heater).
- ✓ Slim line chassis design (\varnothing 550mm).

CODE	WATER VOLUME (LT)	MAXIMUM WATER TEMPERATURE (°C)	AUXILIARY ELECTRIC HEATER (kW)	DIMENSIONS DIAM.x HEIGHT (mm)	ELECTRICAL SUPPLY (V-ph-Hz)	Price (€)
HWS-1501CSHM3-E	150	75	2,75	550 x 1600	230-1-50	1.680
HWS-2101CSHM3-E	210	75	2,75	620 x 1600	230-1-50	1.980
HWS-3001CSHM3-E	300	75	2,75	620 x 1960	230-1-50	2.460

Prices without VAT.

TOSHIBA INVERTER ESTIA R32

TECHNICAL DATA

ALL-IN-ONE

1 zone control

OUTDOOR UNIT	HWT-	601HW-E	801HW-E	801HW-E	801HRW-E	801HRW-E
INDOOR UNIT	HWT-	601F21ST6W-E	1101F21SM3W-E	1101F21ST9W-E	1101F21SM3W-E	1101F21ST9W-E
Inverter Compressor Type		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Refrigerant		R32	R32	R32	R32	R32
Charge amount	Kg	0,9	1,25	1,25	1,25	1,25
Leaving water temperature — heating	°C	+20 ÷ +55	+20 ÷ +65	+20 ÷ +65	+20 ÷ +65	+20 ÷ +65
Outdoor unit Dimensions (HxWxD)	mm	630 x 800 x 300	1.050 x 1.010 x 370			
CDU Temperature Range	°C	-20 ÷ +43	-25 ÷ +43	-25 ÷ +43	-25 ÷ +43	-25 ÷ +43
CDU Humidity Range	%	15 – 100	15 – 100	15 – 100	15 – 100	15 – 100
CDU Power Supply	V-ph-Hz	220-1-50	220-1-50	220-1-50	220-1-50	220-1-50
CDU Power Wiring	mm ²	3 x 2,5	3 x 6	3 x 6	3 x 6	3 x 6
CDU Power Fuse	A	1 x 16	1 x 25	1 x 25	1 x 25	1 x 25
Hydro unit Dimensions (HxWxD)	mm	1700 x 600 x 670	1700 x 600 x 670	1700 x 600 x 670	1700 x 600 x 670	1700 x 600 x 670
Back up Electric Heater	kW	6	3	9	3	9
Hydro Temperature Range	°C	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32
Hydro Humidity Range	%	15 – 85	15 – 85	15 – 85	15 – 85	15 – 85
Leaving water temperature — cooling	°C	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25
Hydro unit Power Supply	V-ph-Hz	400-3N-50	220-1-50	400-3N-50	220-1-50	400-3N-50
Hydro Power Wiring	mm ²	5 x 2,5	3 x 2,5	5 x 2,5	3 x 2,5	5 x 2,5
Hydro Power Fuse	A	3 x 16	1 x 16	3 x 16	1 x 16	3 x 16
CDU-IDU connection wiring	mm ²	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
CDU / IDU unit weight	Kg	42 / 157	75 / 157	75 / 157	75 / 157	75 / 157
Flare Connections (gas – liquid)	inch	1/2-1/4	5/8-1/4	5/8-1/4	5/8-1/4	5/8-1/4
Maximum CDU-IDU Length	m	30	30	30	30	30
Maximum CDU-IDU Height difference	m	30	30	30	30	30
Hydraulic pipe Connections	inch	1 – 1	1 – 1	1 – 1	1 – 1	1 – 1

OUTDOOR UNIT	HWT-	1101HW-E	1101HW-E	1101HRW-E	1101HRW-E
INDOOR UNIT	HWT-	1101F21SM3W-E	1101F21ST9W-E	1101F21SM3W-E	1101F21ST9W-E
Inverter Compressor Type		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Refrigerant		R32	R32	R32	R32
Charge amount	Kg	1,25	1,25	1,25	1,25
Leaving water temperature — heating	°C	+20 ÷ +65	+20 ÷ +65	+20 ÷ +65	+20 ÷ +65
Outdoor unit Dimensions (HxWxD)	mm	1.050 x 1.010 x 370			
CDU Temperature Range	°C	-25 ÷ +43	-25 ÷ +43	-25 ÷ +43	-25 ÷ +43
CDU Humidity Range	%	15 – 100	15 – 100	15 – 100	15 – 100
CDU Power Supply	V-ph-Hz	220-1-50	220-1-50	220-1-50	220-1-50
CDU Power Wiring	mm ²	3 x 6	3 x 6	3 x 6	3 x 6
CDU Power Fuse	A	1 x 25	1 x 25	1 x 25	1 x 25
Hydro unit Dimensions (HxWxD)	mm	1700 x 600 x 670			
Back up Electric Heater	kW	3	9	3	9
Hydro Temperature Range	°C	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32
Hydro Humidity Range	%	15 – 85	15 – 85	15 – 85	15 – 85
Leaving water temperature — cooling	°C	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25
Hydro unit Power Supply	V-ph-Hz	220-1-50	400-3N-50	220-1-50	400-3N-50
Hydro Power Wiring	mm ²	3 x 2,5	5 x 2,5	3 x 2,5	5 x 2,5
Hydro Power Fuse	A	1 x 16	3 x 16	1 x 16	3 x 16
CDU-IDU connection wiring	mm ²	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
CDU / IDU unit weight	Kg	75 / 157	75 / 157	75 / 157	75 / 157
Flare Connections (gas – liquid)	inch	5/8-1/4	5/8-1/4	5/8-1/4	5/8-1/4
Maximum CDU-IDU Length	m	30	30	30	30
Maximum CDU-IDU Height difference	m	30	30	30	30
Hydraulic pipe Connections	inch	1 – 1	1 – 1	1 – 1	1 – 1

All wiring must comply with local and national electrical codes, regulations and must be installed by a licensed electrician.

TOSHIBA INVERTER ESTIA R32

ALL-IN-ONE

TECHNICAL DATA

2 zone control

OUTDOOR UNIT	HWT-	801HW-E	801HW-E	801HRW-E	801HRW-E
INDOOR UNIT	HWT-	1101F21MM3W-E	1101F21MT9W-E	1101F21MM3W-E	1101F21MT9W-E
Inverter Compressor Type		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Refrigerant		R32	R32	R32	R32
Charge amount	Kg	1.25	1.25	1.25	1.25
Leaving water temperature — heating	°C	+20 ÷ +65	+20 ÷ +65	+20 ÷ +65	+20 ÷ +65
Outdoor unit Dimensions (HxWxD)	mm	1.050 x 1.010 x 370			
CDU Temperature Range	°C	-25 ÷ +43	-25 ÷ +43	-25 ÷ +43	-25 ÷ +43
CDU Humidity Range	%	15 – 100	15 – 100	15 – 100	15 – 100
CDU Power Supply	V-ph-Hz	220-1-50	220-1-50	220-1-50	220-1-50
CDU Power Wiring	mm ²	3 x 6	3 x 6	3 x 6	3 x 6
CDU Power Fuse	A	1 x 25	1 x 25	1 x 25	1 x 25
Hydro unit Dimensions (HxWxD)	mm	1700 x 600 x 670			
Back up Electric Heater	kW	3	9	3	9
Hydro Temperature Range	°C	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32
Hydro Humidity Range	%	15 – 85	15 – 85	15 – 85	15 – 85
Leaving water temperature — cooling	°C	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25
Hydro unit Power Supply	V-ph-Hz	220-1-50	400-3N-50	220-1-50	400-3N-50
Hydro Power Wiring	mm ²	3 x 2,5	5 x 2,5	3 x 2,5	5 x 2,5
Hydro Power Fuse	A	1 x 16	3 x 16	1 x 16	3 x 16
CDU-IDU connection wiring	mm ²	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
CDU / IDU unit weight	Kg	75 / 162	75 / 162	75 / 162	75 / 162
Flare Connections (gas – liquid)	inch	5/8 – 1/4	5/8 – 1/4	5/8 – 1/4	5/8 – 1/4
Maximum CDU-IDU Length	m	30	30	30	30
Maximum CDU-IDU Height difference	m	30	30	30	30
Hydraulic pipe Connections	inch	1 – 1	1 – 1	1 – 1	1 – 1

OUTDOOR UNIT	HWT-	1101HW-E	1101HW-E	1101HRW-E	1101HRW-E
INDOOR UNIT	HWT-	1101F21MM3W-E	1101F21MT9W-E	1101F21MM3W-E	1101F21MT9W-E
Inverter Compressor Type		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Refrigerant		R32	R32	R32	R32
Charge amount	Kg	1.25	1.25	1.25	1.25
Leaving water temperature — heating	°C	+20 ÷ +65	+20 ÷ +65	+20 ÷ +65	+20 ÷ +65
Outdoor unit Dimensions (HxWxD)	mm	1.050 x 1.010 x 370			
CDU Temperature Range	°C	-25 ÷ +43	-25 ÷ +43	-25 ÷ +43	-25 ÷ +43
CDU Humidity Range	%	15 – 100	15 – 100	15 – 100	15 – 100
CDU Power Supply	V-ph-Hz	220-1-50	220-1-50	220-1-50	220-1-50
CDU Power Wiring	mm ²	3 x 6	3 x 6	3 x 6	3 x 6
CDU Power Fuse	A	1 x 25	1 x 25	1 x 25	1 x 25
Hydro unit Dimensions (HxWxD)	mm	1700 x 600 x 670			
Back up Electric Heater	kW	3	9	3	9
Hydro Temperature Range	°C	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32
Hydro Humidity Range	%	15 – 85	15 – 85	15 – 85	15 – 85
Leaving water temperature — cooling	°C	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25
Hydro unit Power Supply	V-ph-Hz	220-1-50	400-3N-50	220-1-50	400-3N-50
Hydro Power Wiring	mm ²	3 x 2,5	5 x 2,5	3 x 2,5	5 x 2,5
Hydro Power Fuse	A	1 x 16	3 x 16	1 x 16	3 x 16
CDU-IDU connection wiring	mm ²	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
CDU / IDU unit weight	Kg	75 / 162	75 / 162	75 / 162	75 / 162
Flare Connections (gas – liquid)	inch	5/8 – 1/4	5/8 – 1/4	5/8 – 1/4	5/8 – 1/4
Maximum CDU-IDU Length	m	30	30	30	30
Maximum CDU-IDU Height difference	m	30	30	30	30
Hydraulic pipe Connections	inch	1 – 1	1 – 1	1 – 1	1 – 1

All wiring must comply with local and national electrical codes, regulations and must be installed by a licensed electrician.

TOSHIBA INVERTER ESTIA R32

TECHNICAL DATA

WALL MOUNTED

OUTDOOR UNIT	HWT-	601HW-E	801HW-E	801HW-E	801HRW-E	801HRW-E
INDOOR UNIT	HWT-	601XWHT6W-E	1101XWHM3W-E	1101XWHT9W-E	1101XWHM3W-E	1101XWHT9W-E
Inverter Compressor Type		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Refrigerant		R32	R32	R32	R32	R32
Charge amount	Kg	0,9	1,25	1,25	1,25	1,25
Leaving water temperature — heating	°C	+20 ÷ +55	+20 ÷ +65	+20 ÷ +65	+20 ÷ +65	+20 ÷ +65
Outdoor unit Dimensions (HxWxD)	mm	630 x 800 x 300	1.050 x 1.010 x 370			
CDU Temperature Range	°C	-20 ÷ +43	-25 ÷ +43	-25 ÷ +43	-25 ÷ +43	-25 ÷ +43
CDU Humidity Range	%	15 - 100	15 - 100	15 - 100	15 - 100	15 - 100
CDU Power Supply	V-ph-Hz	220-1-50	220-1-50	220-1-50	220-1-50	220-1-50
CDU Power Wiring	mm ²	3 x 2,5	3 x 6	3 x 6	3 x 6	3 x 6
CDU Power Fuse	A	1 x 16	1 x 25	1 x 25	1 x 25	1 x 25
Hydro unit Dimensions (HxWxD)	mm	720 x 450 x 235	720 x 450 x 235	720 x 450 x 235	720 x 450 x 235	720 x 450 x 235
Back up Electric Heater	kW	6	3	9	3	9
Hydro Temperature Range	°C	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32
Hydro Humidity Range	%	15 - 85	15 - 85	15 - 85	15 - 85	15 - 85
Leaving water temperature — cooling	°C	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25
Hydro unit Power Supply	V-ph-Hz	400-3N-50	220-1-50	400-3N-50	220-1-50	400-3N-50
Hydro Power Wiring	mm ²	5 x 2,5	3 x 2,5	5 x 2,5	3 x 2,5	5 x 2,5
Hydro Power Fuse	A	3 x 16	1 x 16	3 x 16	1 x 16	3 x 16
CDU-IDU connection wiring	mm ²	mm ²	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
CDU / IDU unit weight	Kg	42 / 27	75 / 27	75 / 27	75 / 27	75 / 27
Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 1/4	5/8 - 1/4	5/8 - 1/4	5/8 - 1/4
Maximum CDU-IDU Length	m	30	30	30	30	30
Maximum CDU-IDU Height difference	m	30	30	30	30	30
Hydraulic pipe Connections	inch	1 - 1	1 - 1	1 - 1	1 - 1	1 - 1

OUTDOOR UNIT	HWT-	1101HW-E	1101HW-E	1101HRW-E	1101HRW-E
INDOOR UNIT	HWT-	1101XWHM3W-E	1101XWHT9W-E	1101XWHM3W-E	1101XWHT9W-E
Inverter Compressor Type		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Refrigerant		R32	R32	R32	R32
Charge amount	Kg	1,25	1,25	1,25	1,25
Leaving water temperature — heating	°C	+20 ÷ +65	+20 ÷ +65	+20 ÷ +65	+20 ÷ +65
Outdoor unit Dimensions (HxWxD)	mm	1.050 x 1.010 x 370			
CDU Temperature Range	°C	-25 ÷ +43	-25 ÷ +43	-25 ÷ +43	-25 ÷ +43
CDU Humidity Range	%	15 - 100	15 - 100	15 - 100	15 - 100
CDU Power Supply	V-ph-Hz	220-1-50	220-1-50	220-1-50	220-1-50
CDU Power Wiring	mm ²	3 x 6	3 x 6	3 x 6	3 x 6
CDU Power Fuse	A	1 x 25	1 x 25	1 x 25	1 x 25
Hydro unit Dimensions (HxWxD)	mm	720 x 450 x 235			
Back up Electric Heater	kW	3	9	3	9
Hydro Temperature Range	°C	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32
Hydro Humidity Range	%	15 - 85	15 - 85	15 - 85	15 - 85
Leaving water temperature — cooling	°C	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25
Hydro unit Power Supply	V-ph-Hz	220-1-50	400-3N-50	220-1-50	400-3N-50
Hydro Power Wiring	mm ²	3 x 2,5	5 x 2,5	3 x 2,5	5 x 2,5
Hydro Power Fuse	A	1 x 16	3 x 16	1 x 16	3 x 16
CDU-IDU connection wiring	mm ²	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
CDU / IDU unit weight	Kg	75 / 27	75 / 27	75 / 27	75 / 27
Flare Connections (gas - liquid)	inch	5/8 - 1/4	5/8 - 1/4	5/8 - 1/4	5/8 - 1/4
Maximum CDU-IDU Length	m	30	30	30	30
Maximum CDU-IDU Height difference	m	30	30	30	30
Hydraulic pipe Connections	inch	1 - 1	1 - 1	1 - 1	1 - 1

All wiring must comply with local and national electrical codes, regulations and must be installed by a licensed electrician.

TOSHIBA INVERTER ESTIA R410A

TECHNICAL DATA

STANDARD TYPE

OUTDOOR UNIT	HWS-	1105H-E	1105H8-E	1405H-E	1405H8-E	1605H8-E
INDOOR UNIT	HWS-	1405XWHT9-E	1405XWHT9-E	1405XWHT9-E	1405XWHT9-E	1405XWHT9-E
Inverter Compressor Type		Twin Rotary				
Refrigerant		R-410A	R-410A	R-410A	R-410A	R-410A
Charge amount	Kg	2.7	2.7	2.7	2.7	2.7
Leaving water temperature – heating	°C	+20 ÷ +55	+20 ÷ +55	+20 ÷ +55	+20 ÷ +55	+20 ÷ +55
Outdoor unit Dimensions (HxWxD)	mm	1.340 x 900 x 320				
CDU Temperature Range	°C	-20 ÷ +43	-20 ÷ +43	-20 ÷ +43	-20 ÷ +43	-20 ÷ +43
CDU Humidity Range	%	15 – 100	15 – 100	15 – 100	15 – 100	15 – 100
CDU Power Supply	V-ph-Hz	220-1-50	400-3N-50	220-1-50	400-3N-50	400-3N-50
CDU Power Wiring	mm ²	3 x 6	5 x 2,5	3 x 6	5 x 2,5	5 x 2,5
CDU Power Fuse	A	1 x 25	3 x 16	1 x 25	3 x 16	3 x 16
Hydro unit Dimensions (HxWxD)	mm	925 x 525 x 355				
Back up Electric Heater	kW	9	9	9	9	9
Hydro Temperature Range	°C	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32
Hydro Humidity Range	%	15 – 85	15 – 85	15 – 85	15 – 85	15 – 85
Leaving water temperature – cooling	°C	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25
Hydro unit Power Supply	V-ph-Hz	400-3N-50	400-3N-50	400-3N-50	400-3N-50	400-3N-50
Hydro Power Wiring	mm ²	5 x 2,5				
Hydro Power Fuse	A	3 x 16				
CDU-IDU connection wiring	mm ²	4 x 1,5				
CDU / IDU unit weight	Kg	92 / 54	93 / 54	92 / 54	93 / 54	93 / 54
Flare Connections (gas – liquid)	inch	5/8 – 3/8	5/8 – 3/8	5/8 – 3/8	5/8 – 3/8	5/8 – 3/8
Maximum CDU-IDU Length	m	30	30	30	30	30
Maximum CDU-IDU Height difference	m	30	30	30	30	30
Hydraulic pipe Connections	inch	1 1/4 – 1 1/4	1 1/4 – 1 1/4	1 1/4 – 1 1/4	1 1/4 – 1 1/4	1 1/4 – 1 1/4

All wiring must comply with local and national electrical codes, regulations and must be installed by a licensed electrician.

TOSHIBA INVERTER ESTIA R410A

TECHNICAL DATA

POWERFUL TYPE

OUTDOOR UNIT	HWS-	P805HR-E	P805HR-E	P805H8R-E	P805H8R-E
INDOOR UNIT	HWS-	P805XWHM3-E	P805XWHT9-E	P805XWHM3-E	P805XWHT9-E
Inverter Compressor Type		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Refrigerant		R-410A	R-410A	R-410A	R-410A
Charge amount	Kg	2,7	2,7	2,7	2,7
Leaving water temperature – heating	°C	+20 ÷ +60	+20 ÷ +60	+20 ÷ +60	+20 ÷ +60
Outdoor unit Dimensions (HxWxD)	mm	1.340 x 900 x 320			
CDU Temperature Range	°C	-25 ÷ +43	-25 ÷ +43	-25 ÷ +43	-25 ÷ +43
CDU Humidity Range	%	15 – 100	15 – 100	15 – 100	15 – 100
CDU Power Supply	V-ph-Hz	220-1-50	220-1-50	400-3N-50	400-3N-50
CDU Power Wiring	mm ²	3 x 6	3 x 6	5 x 2,5	5 x 2,5
CDU Power Fuse	A	1 x 25	1 x 25	3 x 16	3 x 16
Hydro unit Dimensions (HxWxD)	mm	925 x 525 x 355			
Back up Electric Heater	kW	3	9	3	9
Hydro Temperature Range	°C	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32
Hydro Humidity Range	%	15 – 85	15 – 85	15 – 85	15 – 85
Leaving water temperature – cooling	°C	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25
Hydro unit Power Supply	V-ph-Hz	220-1-50	400-3N-50	220-1-50	400-3N-50
Hydro Power Wiring	mm ²	3 x 2,5	5 x 2,5	3 x 2,5	5 x 2,5
Hydro Power Fuse	A	1 x 16	3 x 16	1 x 16	3 x 16
CDU-IDU connection wiring	mm ²	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5
CDU / IDU unit weight	Kg	92 / 49	92 / 49	92 / 49	92 / 49
Flare Connections (gas – liquid)	inch	5/8 – 3/8	5/8 – 3/8	5/8 – 3/8	5/8 – 3/8
Maximum CDU-IDU Length	m	30	30	30	30
Maximum CDU-IDU Height difference	m	30	30	30	30
Hydraulic pipe Connections	inch	1 ¼ – 1 ¼	1 ¼ – 1 ¼	1 ¼ – 1 ¼	1 ¼ – 1 ¼

OUTDOOR UNIT	HWS-	P1105HR-E	P1105H8R-E	P1405H8R-E
INDOOR UNIT	HWS-	P1105XWHT9-E	P1105XWHT9-E	P1105XWHT9-E
Inverter Compressor Type		Twin Rotary	Twin Rotary	Twin Rotary
Refrigerant		R-410A	R-410A	R-410A
Charge amount	Kg	2,7	2,7	2,7
Leaving water temperature – heating	°C	+20 ÷ +60	+20 ÷ +60	+20 ÷ +60
Outdoor unit Dimensions (HxWxD)	mm	1.340 x 900 x 320	1.340 x 900 x 320	1.340 x 900 x 320
CDU Temperature Range	°C	-23 ÷ +43	-20 ÷ +43	-20 ÷ +43
CDU Humidity Range	%	15 – 100	15 – 100	15 – 100
CDU Power Supply	V-ph-Hz	220-1-50	400-3N-50	400-3N-50
CDU Power Wiring	mm ²	3 x 6	5 x 2,5	5 x 2,5
CDU Power Fuse	A	1 x 25	3 x 16	3 x 16
Hydro unit Dimensions (HxWxD)	mm	925 x 525 x 355	925 x 525 x 355	925 x 525 x 355
Back up Electric Heater	kW	9	9	9
Hydro Temperature Range	°C	+5 ÷ +32	+5 ÷ +32	+5 ÷ +32
Hydro Humidity Range	%	15 – 85	15 – 85	15 – 85
Leaving water temperature – cooling	°C	+7 ÷ +25	+7 ÷ +25	+7 ÷ +25
Hydro unit Power Supply	V-ph-Hz	400-3N-50	400-3N-50	400-3N-50
Hydro Power Wiring	mm ²	5 x 2,5	5 x 2,5	5 x 2,5
Hydro Power Fuse	A	3 x 16	3 x 16	3 x 16
CDU-IDU connection wiring	mm ²	4 x 1,5	4 x 1,5	4 x 1,5
CDU / IDU unit weight	Kg	92 / 52	92 / 52	92 / 52
Flare Connections (gas – liquid)	inch	5/8 – 3/8	5/8 – 3/8	5/8 – 3/8
Maximum CDU-IDU Length	m	30	30	30
Maximum CDU-IDU Height difference	m	30	30	30
Hydraulic pipe Connections	inch	1 ¼ – 1 ¼	1 ¼ – 1 ¼	1 ¼ – 1 ¼

All wiring must comply with local and national electrical codes, regulations and must be installed by a licensed electrician.

TOSHIBA ESTIA DHW HEAT PUMP

TECHNICAL DATA

UNIT	HWS-	G1901CNMR-E	G1901ENXR-E	G2601CNMR-E	G2601ENXR-E
Refrigerant		R-134A	R-134A	R-134A	R-134A
Charge amount	Kg	1,2	1,2	1,28	1,28
Dimensions (H x DØ x maxDØ)	mm	1.610 x 603 x 620	1.610 x 603 x 620	1.960 x 603 x 620	1.960 x 603 x 620
Unit Weight (dry/wet)	Kg	94 / 284	94 / 284	100 / 350	100 / 350
Water connections (cold & hot water)	inch	3/4	3/4	3/4	3/4
Water connections (entry angle)	deg.	45 / 180	45 / 180	45 / 180	45 / 180
Condensates water connections	mm	Ø19	Ø19	Ø19	Ø19
Max water side operating pressure	MPa	0,6	0,6	0,6	0,6
Power Supply	V-ph-Hz	220-1-50	220-1-50	220-1-50	220-1-50
Power Wiring	mm²	3 x 2,5	3 x 2,5	3 x 2,5	3 x 2,5
Power Fuse	A	1 x 16	1 x 16	1 x 16	1 x 16
Corrosion protection		Magnesium anode	Magnesium anode	Magnesium anode	Magnesium anode
Heat up time (A7°C W10°C-53,5°C)	hh:mm	6:27	6:27	9:12	9:12
Heat up time (A20°C W10°C-53,5°C)	hh:mm	5:15	5:15	7:09	7:09
Heat pump operating range (min/max)	°C	-0,175	-0,175	-0,175	-0,175
Max water temperature	°C	60	60	60	60
Back up Electric Heater	kW	1,5	1,5	1,5	1,5
Sound power level - Air7°C W10°C-52,9°C (EN16147)	dB(A)	49	49	49	49
Sound power level - Air20°C W10°C-52,9°C (EN16147)	dB(A)	55,6	55,6	55,6	55,6
Airflow rate nominal (min - max)	m³/h	450 (0 - 800)	450 (0 - 800)	450 (0 - 800)	450 (0 - 800)
Maximum external static pressure	Pa	200	200	200	200
Air duct connections	mm	Ø160	Ø160	Ø160	Ø160
Minimum room volume (non-ducted unit)	m³	60	60	60	60

TOSHIBA DOMESTIC HOT WATER TANK

INDOOR UNIT	HWS-	1501CSHM3-E	2101CSHM3-E	3001CSHM3-E
Dimensions (DØ x H)	mm	550.x.1.090	550.x.1.474	550.x.2.040
Unit Weight	Kg	31	41	59
Water connections (cold & hot water)	mm	22 / 22	22 / 22	22 / 22
Cylinder Material		Stainless steel	Stainless steel	Stainless steel
Heat Exchanger Material		Stainless steel	Stainless steel	Stainless steel
Surface Area	m²	0,65	0,79	0,79
Hot Water Output at 60°C	Lit	102	163	254
Mixed Hot Water Output at 40°C	Lit	243	329,5	476
Maximum Water Pressure	bar	10	10	10

All wiring must comply with local and national electrical codes, regulations and must be installed by a licensed electrician.



TURN TO THE EXPERTS FOR HOME COMFORT SOLUTIONS

Carrier heating and air-conditioning systems are trusted to bring energy-efficient, quiet, and consistent comfort to millions of people at home.

GET COMFORTABLE WITH CARRIER SYSTEMS

Life can be unpredictable, so when you're home, your sense of comfort and relaxation should be just how you want it to be. Carrier helps millions of people take control of home comfort with innovative solutions ranging from split units and heat pumps to central air-conditioners to air quality products.

QUIET CONSISTENCY AT HOME

Carrier home comfort solutions can provide consistent temperature, humidity, and air quality from room to room, hour to hour and minute to minute. Our quiet systems will not disrupt your routine.

ENERGY-EFFICIENT HOME HEATING AND AIR-CONDITIONING

We equip your home with products that are both efficient and reliable. From split units and heat pumps to central air-conditioners and ductless systems, Carrier heating and cooling units are among the world's most energy efficient.

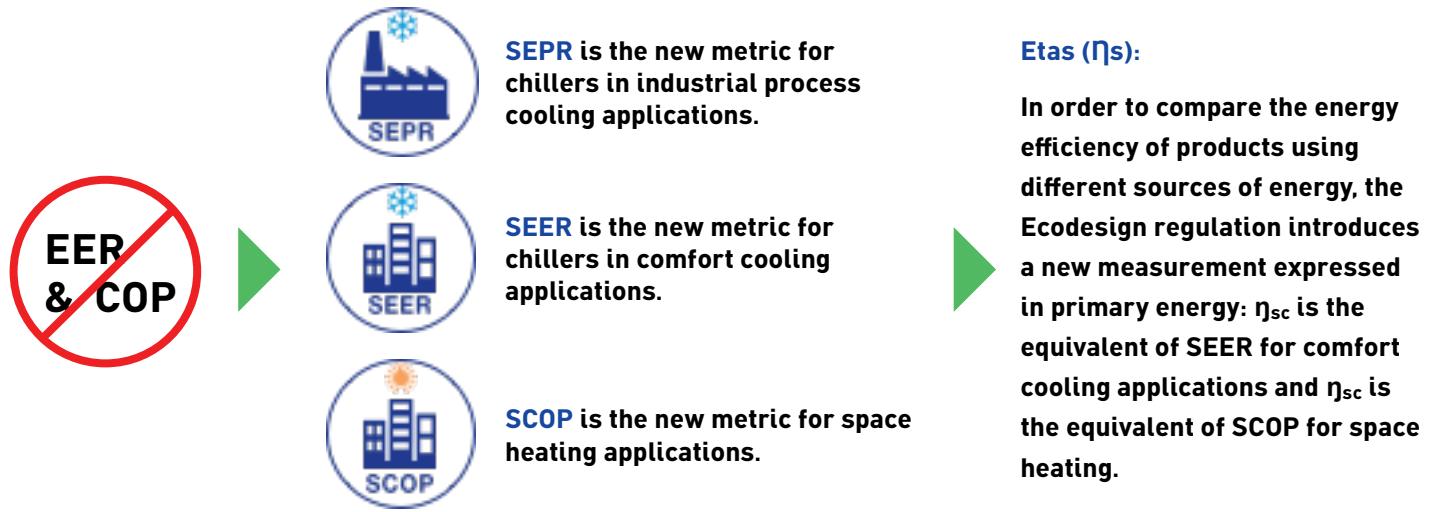
INDOOR AIR QUALITY

Clean air is a key component of a healthy home. That's why Carrier offers a wide range of air quality solutions, including humidifiers, ventilators, ultraviolet lamps, air filters and monitors. As part of your home heating and cooling solutions, they can help reduce or even eliminate many allergens and harmful air pollutants – from dust and pet dander to chemical fumes and mold. Plus, our Indoor Air Quality Experts are available to help you implement exactly the system you need to maintain a healthy, comfortable environment at home.





With all new construction to be nearly zero energy building from January 2021 onwards, the HVAC industry needs new accurate indicators to express the energy efficiency of equipment. These indicators must be representative of actual operations throughout the year, measuring the performance of equipment on a seasonal basis. EER & COP belong to the past. Now and in the future, the focus is on seasonal efficiency. With a wide new product range, Carrier is fully engaged to take up the challenge of energy efficiency. Compliance with the Ecodesign regulations therefore involves the use of new, more meaningful seasonal efficiency metrics. The Seasonal Energy Efficiency Ratio (SEER), Seasonal Energy Performance Ratio (SEPR) and Seasonal Coefficient of Performance (SCOP) all ensure precise evaluation of the energy actually consumed by chillers and heat pumps, by including seasonal variations in their measurements. Previous metrics (EER & COP) measured operations only at a single point, at full cooling or thermal load, and were therefore less representative of consumption over entire heating and cooling seasons.



ECO DESIGN

Ecodesign is an approach to product design that encourages manufacturers to consider the environmental impact of the product over its entire lifecycle. In the European Union, the Ecodesign Directive 2009/125/EC establishes a framework for the setting of mandatory energy efficiency requirements for all energy-related products (ERPs).

AN IDEAL SOLUTION FOR EACH CASE...

Carrier heat pumps are specially designed to successfully meet the multivarious needs of the contemporary household. Both in the case of a new building and in a home with an existing heating system (under renovation or not) the heat pumps provide heating, cooling and supply sanitary hot water, guaranteeing great cost savings. Can be used with different types of radiators such as low temperature radiators (panels), underfloor system and hydronic terminal units. In existing homes, in which gas or oil boilers have already been installed, Carrier heat pumps can be used in conjunction with the existing heating system, to successfully meet heating and domestic hot water supply requirements all year long. The boiler can only be used as a support source during times of extreme weather conditions in the winter. The Carrier heat pumps are managed by high tech electronic control in the most efficient way.

INVERTER-DRIVEN OUTDOOR UNIT

One of the best energy coefficients of performance in the market... Twin-rotary DC inverter technology, variable air volume fans, electronic expansion valve and large-surface heat exchanger ensure an energy efficiency ratio above 4 at standard operating conditions. Pulse width modulation (PWM): finetuning of the compressor speed to avoid temperature fluctuation. Efficient coordination between expansion valves, compressor, fan and control. The compressor speed variation from 20 to 120% permits precise adjustment of capacity and leaving water temperature during the whole heating season, avoiding energy waste of on/off control mode of inverter compressor.

EFFICIENCY OR ADAPTABILITY?

Because you should not have to choose!

EFFICIENCY

The commitment to performance

- ✓ Large operating map
- ✓ Energy savings
- ✓ Advanced control

ADAPTABILITY

Fast to install, easy to maintain

- ✓ A plug and play solution
- ✓ Simple maintenance
- ✓ Perfect integration



AIR COOLED CHILLERS & AIR TO WATER HEAT PUMPS





CARRIER INVERTER MONOBLOCK

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.



- ✓ DC inverter twin-rotary compressors with Pulse Amplitude Modulation (PAM) and Pulse Width Modulation (PWM) for enhanced reliability, low energy consumption and smooth vibration-free operation under all operating conditions.
- ✓ Pre-set or customized selection of the appropriate climate curve for stable output capacity to match the heat load.
- ✓ Wide operating range in both heating and cooling mode offering high performance in a wide temperature range.
- ✓ Input and output connections to the 3-way valve for connection to a DHW buffer-tank.
- ✓ Excellent energy efficiency values.
- ✓ Exceptionally quiet operation.
- ✓ Temperature & humidity control

CODE (With hydronic module)	CAPACITY (kW)		$\eta_{sh} (\%)$ MEDIUM LWT	SCOP MEDIUM LWT	ENERGY CLASS HEATING MEDIUM LWT	DIMENSIONS W x D x H (mm)	Price (€)
	HEATING (Low / Mid Temp)	COOLING					
30AWH004HD	4,07 / 4,27	3,33	138	3,53	A++	908 x 350 x 821	*
30AWH006HD	5,76 / 5,43	4,73	132	3,37	A++	908 x 350 x 821	*
30AWH008HD	7,16 / 7,25	5,84	111	2,84	A+	908 x 350 x 821	*
30AWH012HD	11,86 / 10,09	10,20	115	2,95	A+	908 x 350 x 1,363	*
30AWH015HD	14,46 / 12,40	13,00	127	3,25	A++	908 x 350 x 1,363	*
30AWH012HD9	12,00 / 11,40	10,20	136	3,47	A++	908 x 350 x 1,363	9.731
30AWH015HD9	15,00 / 12,20	13,00	130	3,33	A++	908 x 350 x 1,363	10.092
33AW-CS1B	USER INTERFACE - NUI						261,03
33AW-RC1	USER INTERFACE - SUI						191,14
33AW-RAS01	Remote outdoor sensor to be connected to CDU						92,87

CODE (Without hydronic module)	CAPACITY (kW)		$\eta_{sh} (\%)$ MEDIUM LWT	SCOP MEDIUM LWT	ENERGY CLASS HEATING MEDIUM LWT	DIMENSIONS W x D x H (mm)	Price (€)
	HEATING (Low / Mid Temp)	COOLING					
30AWH004XD	4,07 / 4,27	3,33	138	3,53	A++	908 x 350 x 821	*
30AWH006XD	5,76 / 5,43	4,73	132	3,37	A++	908 x 350 x 821	*
30AWH008XD	7,16 / 7,25	5,84	111	2,84	A+	908 x 350 x 821	*
30AWH012XD	11,86 / 10,09	10,20	115	2,95	A+	908 x 350 x 1,363	*
30AWH015XD	14,46 / 12,40	13,00	127	3,25	A++	908 x 350 x 1,363	*
30AWH012XD9	12,00 / 11,40	10,20	136	3,47	A++	908 x 350 x 1,363	*
30AWH015XD9	15,00 / 12,20	13,00	130	3,33	A++	908 x 350 x 1,363	*
33AW-CS1B	USER INTERFACE - NUI						261,03
33AW-RC1	USER INTERFACE - SUI						191,14
33AW-RAS01	Remote outdoor sensor to be connected to CDU						92,87

Prices without VAT

Heating mode conditions:

- Water heat exchanger water entering / leaving temperature 30°C / 35°C
- Outside air temperature 7°C DB / 6°C WB

Cooling mode conditions:

- Water heat exchanger water entering / leaving temperature 12°C / 7°C
- Outside air temperature 35°C



CARRIER INVERTER MONOBLOCK

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 R32, DC inverter twin-rotary compressors, low-noise fan and microprocessor control.



- ✓ Wide operating range in both heating and cooling mode offering high performance in a wide temperature range.
- ✓ Input and output connections to the 3-way valve for connection to a DHW buffer-tank.
- ✓ Excellent energy efficiency values.
- ✓ Exceptionally quiet operation.
- ✓ Temperature & humidity control

CODE (With hydronic module)	CAPACITY (kW)		η_{sh} (%) LOW LWT	SCOP LOW LWT	ENERGY CLASS LOW LWT AVERAGE ZONE	DIMENSIONS W x D x H (mm)	Price (€)
	HEATING (Low / Mid Temp)	COOLING					
30AWH004H---R	4,0	4,0	186	4,73	A+++	1.335 x 410 x 875	4.690
30AWH006H---R	6,0	5,0	187	4,75	A+++	1.335 x 410 x 875	5.060
30AWH008H---R	8,0	6,5	193	4,90	A+++	1.335 x 410 x 875	6.180
30AWH010H---R	10,0	8,0	196	4,98	A+++	1.335 x 410 x 875	7.500
30AWH012H---R	12,0	10,5	193	4,91	A+++	1.302 x 370 x 1.517	8.340
30AWH014H---R	14,0	12,0	195	4,94	A+++	1.302 x 370 x 1.517	8.700
30AWH016H---R	16,0	14,0	188	4,78	A+++	1.302 x 370 x 1.517	9.300

*Preliminary Data

Prices without VAT

Heating mode conditions:

- Water heat exchanger water entering / leaving temperature 30°C / 35°C
- Outside air temperature 7°C DB / 6°C WB

Cooling mode conditions:

- Water heat exchanger water entering / leaving temperature 12°C / 7°C
- Outside air temperature 35°C

• Remote control included



CARRIER INVERTER



The Aquasnap Greenspeed INVERTER liquid chillers have been designed and are identical cooling proposal for commercial applications such as offices, small hotels, shops and large residential houses. The new Aquasnap units integrate the latest technological innovations:

- ✓ DC inverter twin rotary compressor.
- ✓ Ozone-friendly refrigerant R-410A.
- ✓ Low noise variable speed fans.
- ✓ Auto-adaptive microprocessor control

- ✓ Compact dimensions.
- ✓ Easy and fast installation.
- ✓ Integrated (option) or remote WUI control system.
- ✓ Dry conduct
- ✓ Modbus protocol
- ✓ Integrated hydraulic module with fix speed or inverter water pump and all necessary installation accessories (option).
- ✓ Special anti-corrosion protection (option).

CODE (With inverter hydronic module)	CAPACITY (kW) COOLING	EER	$\eta_{sc} (\%)$ /SEER	ENERGY CLASS EUROVENT	DIMENSIONS W x D x H (mm)	Price (€)
30RBV017CM--B----	15,6	3,30	178 / 4,52	A	1.109 x 584 x 1.579	10.953
30RBV021CM--B----	18,6	3,10	180 / 4,56	A	1.109 x 584 x 1.579	12.007

CODE (With fix speed hydronic module)	CAPACITY (kW) COOLING *	EER	$\eta_{sc} (\%)$ /SEER	ENERGY CLASS EUROVENT	DIMENSIONS W x D x H (mm)	Price (€)
30RBV017CH--B----	15,6	3,30	178 / 4,52	A	1.109 x 584 x 1.579	10.550
30RBV021CH--B----	18,6	3,10	180 / 4,56	A	1.109 x 584 x 1.579	11.604

CODE (Without hydronic module)	CAPACITY (kW) COOLING *	EER	$\eta_{sc} (\%)$ /SEER	ENERGY CLASS EUROVENT	DIMENSIONS	Price (€)
30RBV017CX--B----	15,6	3,30	178 / 4,52	A	1.109 x 584 x 1.579	9.069
30RBV021CX--B----	18,6	3,10	180 / 4,56	A	1.109 x 584 x 1.579	10.123
0OPSG002521900A	WUI remote control					560,25
0OPSG000596400A	Master Slave sensor					152,35
0OPSG002501300A	DHW sensor					58,78
33AW-RAS01	Additional OAT sensor					92,87

Prices without VAT

Cooling mode conditions:

- Evaporator water entering / leaving temperature 12°C / 7°C
- Outside air temperature 35°C



CARRIER INVERTER



The Aquasnap Greenspeed INVERTER air to water heat pumps have been designed and are identical cooling and heating proposal for commercial applications such as offices, small hotels, shops and large residential houses. The new Aquasnap units integrate the latest technological innovations

- ✓ DC inverter twin rotary compressor.
- ✓ Ozone-friendly refrigerant R-410A.
- ✓ Low noise variable speed fans.
- ✓ Auto-adaptive microprocessor control.

- ✓ Eurovent certification.
- ✓ Compact dimensions.
- ✓ Easy and fast installation.
- ✓ Integrated (option) or remote WUI control system.
- ✓ Dry conduct
- ✓ Modbus protocol
- ✓ Integrated hydraulic module with fix speed or inverter water pump and all necessary installation accessories (option).
- ✓ Special anti-corrosion protection (option).

CODE (With inverter hydronic module)	CAPACITY (kW)		η_{sh} (%) LOW LWT	SCOP LOW LWT	HEATING ENERGY CLASS LOW LWT	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING	HEATING					
30RQV017CM--B----	14,9	16,2	144	3,68	A+	1.109 x 584 x 1.579	12.346
30RQV021CM--B----	18,6	20,0	139	3,56	A+	1.109 x 584 x 1.579	14.114

CODE (With fix speed hydronic module)	CAPACITY (kW)		η_{sh} (%) LOW LWT	SCOP LOW LWT	HEATING ENERGY CLASS LOW LWT	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING	HEATING					
30RQV017CH--B----	14,9	16,2	144	3,68	A+	1.109 x 584 x 1.579	11.943
30RQV021CH--B----	18,6	20,0	139	3,56	A+	1.109 x 584 x 1.579	13.711

CODE (Without hydronic module)	CAPACITY (kW)		η_{sh} (%) LOW LWT	SCOP LOW LWT	HEATING ENERGY CLASS LOW LWT	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING	HEATING					
30RQV017CX--B----	14,9	16,2	144	3,68	A+	1.109 x 584 x 1.579	10.462
30RQV021CX--B----	18,6	20,0	139	3,56	A+	1.109 x 584 x 1.579	12.230
00PSG002521900A	WUI remote control						560,25
00PSG000596400A	Master Slave sensor						152,35
00PSG002501300A	DHW sensor						58,78
30AW-RAS01	Remote outdoor sensor to be connected to CDU						92,87

Prices without VAT

Cooling mode conditions:

- Evaporator water entering / leaving temperature 12°C / 7°C
- Outside air temperature 35°C

Heating mode conditions:

- Water heat exchanger water entering / leaving temperature 40°C / 45°C
- Outside air temperature 7°C DB / 6°C WB



The Aquasnap liquid chiller has been designed and are identical cooling proposal for commercial applications such as offices, small hotels and shops. The new Aquasnap units integrate the latest technological innovations:

- ✓ Scroll compressor with High efficiency at full and partial load.
- ✓ Ozone-friendly refrigerant R-410A.
- ✓ Low noise fans
- ✓ Auto-adaptive microprocessor control
- ✓ Eurovent certification.
- ✓ Compact dimensions.
- ✓ Easy and fast installation.
- ✓ Pro Dialog Plus control system with monitoring of operating parameters.
- ✓ Integrated hydraulic module with fix speed water pump and all necessary installation accessories (option).
- ✓ Special anti-corrosion protection (option)



CODE (With hydronic module)	CAPACITY (kW) COOLING	EER	Ƞsc (%)/ SEER	ENERGY CLASS EUROVENT	DIMENSIONS W x D x H (mm)	Price (€)
30RB-017CH-----A	16,4	3,04	152 / 3,37	B	1.136 x 584 x 1.579	10.191
30RB-021CH-----A	21,4	3,11	132 / 3,37	A	1.136 x 584 x 1.579	10.877
30RB-026CH-----A	27,3	3,08	129 / 3,30	B	1.002 x 824 x 1.790	12.335
30RB-033CH-----A	33,3	3,28	137 / 3,51	A	1.002 x 824 x 1.790	13.867
30RB-040DH-----A	41,4	2,96	135 / 3,44	B	1.002 x 824 x 1.790	18.354
00PSG001022800A	Remote Wall Mountable Control - Unified version					1.035,46
30RAJ9002	CSHI CONTROL FOR RB/RQ UNITS					200,68

CODE (Without hydronic module)	CAPACITY (kW) COOLING	EER	Ƞsc (%)/ SEER	ENERGY CLASS EUROVENT	DIMENSIONS W x D x H (mm)	Price (€)
30RB-017CX-----A	16,4	3,04	152 / 3,37	B	1.136 x 584 x 1.579	8.300
30RB-021CX-----A	21,4	3,11	132 / 3,37	A	1.136 x 584 x 1.579	9.045
30RB-026CX-----A	27,3	3,08	129 / 3,30	B	1.002 x 824 x 1.790	10.479
30RB-033CX-----A	33,3	3,28	137 / 3,51	A	1.002 x 824 x 1.790	11.983
30RB-040DX-----A	41,4	2,96	135 / 3,44	B	1.002 x 824 x 1.790	16.351
00PSG001022800A	Remote Wall Mountable Control - Unified version					1.035,46
30RAJ9002	CSHI CONTROL FOR RB/RQ UNITS					200,68

Prices without VAT

Cooling mode conditions:

- Evaporator water entering / leaving temperature 12°C / 7°C
- Outside air temperature 35°C



The Aquasnap air to water heat pump has been designed and are identical cooling and heating proposal for commercial applications such as offices, small hotels and shops. The new Aquasnap units integrate the latest technological innovations:

- ✓ Scroll compressor with High efficiency at full and partial load.
- ✓ Ozone-friendly refrigerant R-410A.
- ✓ Low noise fans
- ✓ Auto-adaptive microprocessor control



- ✓ Compact dimensions.
- ✓ Easy and fast installation.
- ✓ Pro Dialog Plus control system with monitoring of operating parameters.
- ✓ Integrated hydraulic module with fix speed water pump and all necessary installation accessories (option).
- ✓ Special anti-corrosion protection (option)

CODE (With hydronic module)	CAPACITY (kW)		η _{sh} (%) LOW LWT	SCOP LOW LWT	HEATING ENERGY CLASS LOW LWT	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING	HEATING					
30RQ-017CH-----A	15,8	17,0	126	3,23	A+	1.136 x 584 x 1.579	11.159
30RQ-021CH-----A	19,9	21,5	125	3,20	A+	1.136 x 584 x 1.579	12.042
30RQ-026CH-----A	26,3	29,6	127	3,26	A+	1.002 x 824 x 1.790	13.940
30RQ-033CH-----A	32,3	33,0	128	3,27	A+	1.002 x 824 x 1.790	14.892
30RQ-040DH-----A	39,2	40,7	127	3,25	A+	1.002 x 824 x 1.790	19.507
00PSG001022800A	Remote Wall Mountable Control - Unified version						1.035,46
30RAJ9002	CSHI CONTROL FOR RB/RQ UNITS						200,68

CODE (Without hydronic module)	CAPACITY (kW)		η _{sh} (%) LOW LWT	SCOP LOW LWT	HEATING ENERGY CLASS LOW LWT	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING	HEATING					
30RQ-017CX-----A	15,8	17,0	126	3,23	A+	1.136 x 584 x 1.579	9.268
30RQ-021CX-----A	19,9	21,5	125	3,20	A+	1.136 x 584 x 1.579	10.210
30RQ-026CX-----A	26,3	29,6	127	3,26	A+	1.002 x 824 x 1.790	12.084
30RQ-033CX-----A	32,3	33,0	128	3,27	A+	1.002 x 824 x 1.790	13.008
30RQ-040DX-----A	39,2	40,7	127	3,25	A+	1.002 x 824 x 1.790	17.504
00PSG001022800A	Remote Wall Mountable Control - Unified version						1.035,46
30RAJ9002	CSHI CONTROL FOR RB/RQ UNITS						200,68

Prices without VAT

Cooling mode conditions:

- Evaporator water entering / leaving temperature 12°C / 7°C
- Outside air temperature 35°C

Heating mode conditions:

- Water heat exchanger water entering / leaving temperature 40°C / 45°C
- Outside air temperature 7°C DB / 6°C WB



CARRIER HEATING ONLY



The AquaSnap high-temperature heat pump range was designed for commercial applications such as the heating of offices, apartments, hotels as well as domestic hot water production in new and refurbished buildings.

- ✓ Scroll compressors with vapour injection.
- ✓ Auto adaptive microprocessor control.
- ✓ Electronic expansion valve.
- ✓ Hot water up to 65°C.
- ✓ The operating range allows outside air temperatures down to -20°C & up to +40°C.
- ✓ High energy efficiency level.
- ✓ Hydraulic module with Class A circulator.
- ✓ Ease-of-installation & integration.
- ✓ Remote operating mode with volt-free contacts (standard) / Remote interface (accessory)
- ✓ Superior reliability.

CODE (With hydronic module)	CAPACITY (kW) HEATING	Ƞsh (%) MEDIUM LWT	SCOP MEDIUM LWT	ENERGY CLASS HEATING MEDIUM LWT	DIMENSIONS W x D x H (mm)	Price (€)
61AF-014P7----B	14,0	114	2,92	A+	1.103 x 333 x 1.278	11.882
61AF-014P9----B	13,6	119	3,05	A+	1.103 x 333 x 1.278	11.665
61AF-019P9----B	19,5	120	3,08	A+	1.135 x 559 x 1.579	14.330

CODE (Without hydronic module)	CAPACITY (kW) HEATING	Ƞsh (%) MEDIUM LWT	SCOP MEDIUM LWT	ENERGY CLASS HEATING MEDIUM LWT	DIMENSIONS W x D x H (mm)	Price (€)
61AF-014X7----B	14,0	114	2,92	A+	1.103 x 333 x 1.278	11.758
61AF-014X9----B	13,6	119	3,05	A+	1.103 x 333 x 1.278	11.568
61AF-019X9----B	19,5	120	3,08	A+	1.135 x 559 x 1.579	13.962

Prices without VAT

Heating mode conditions:

- Evaporator water entering / leaving temperature 47°C / 55°C
- Outside air temperature 7°C DB / 6°C WB



CARRIER HEATING ONLY

The AquaSnap high-temperature heat pump range was designed for commercial applications such as the heating of offices, apartments, hotels as well as domestic hot water production in new and refurbished buildings.



- ✓ Scroll compressors with vapour injection.
- ✓ Auto adaptive microprocessor control.
- ✓ Electronic expansion valve.
- ✓ Hot water up to 65°C.
- ✓ The operating range allows outside air temperatures down to -20°C & up to +40°C.
- ✓ High energy efficiency level.
- ✓ Hydraulic module with Class A circulator.
- ✓ Ease-of-installation & integration.
- ✓ Remote operating mode with volt-free contacts (standard) / Remote interface (accessory)
- ✓ Superior reliability

CODE	CAPACITY (kW) HEATING	Ƞsh (%) MEDIUM LWT	SCOP MEDIUM LWT	ENERGY CLASS HEATING MEDIUM LWT	DIMENSIONS W x D x H (mm)	Price (€)
61AF030-B	25,0	114	2,92	A+	1.110 x 1.327 x 1.330	*
61AF035-B	31,6	115	2,94	A+	1.110 x 1.327 x 1.330	*
61AF045-B	42,8	121	3,10	A+	1.114 x 2.100 x 1.330	*
61AF055-B	52,3	123	3,14	A+	1.114 x 2.100 x 1.330	*
61AF075-B	68,0	117	2,99	A+	2.273 x 2.100 x 1.330	*
61AF105-B	102,0	123	3,15	-	2.273 x 2.100 x 1.330	*

ACCESSORIES (FOR SIZES 030 - 105)	Price (€)
OPT_3A: Condenser with pre treated fins	*
OPT_11: 100PA External static pressure on fans	*
OPT_15: Low noise level	*
OPT_15LS: Extra low noise level	*
OPT_23: Protection grilles	*
OPT_25: Compressor electronic soft starter	*
OPT_42: Frost protection down to -20°C	*
OPT_116X: Hydronic module LP VSD single-pump	*
OPT_149B: JBUS Gateway	*
OPT_148D: LONTALK Gateway	*
OPT_149: Backnet over IP	*

Heating mode conditions:

- Evaporator water entering / leaving temperature 47°C / 55°
- Outside air temperature 7°C DB / 6°C WB

*Prices upon request



The 61WG units are Carrier heat pumps designed for commercial (offices, small hotels, leisure facilities), residential and industrial applications. All units offer a unique combination of high performance and functionality in an exceptionally compact chassis. 61WG units are designed for high-temperature heating applications with hot water production possible up to 65 °C.

- ✓ Evaporator temperature down to -5 °C
- ✓ Control of the three-way diverter valve for domestic hot water and space heating requirements.
- ✓ System approach - the Heating System Manager maximizes the global efficiency of complex systems where the 61WG units are combined with an auxiliary heating source to serve multi-zone space heating and domestic hot water production valve.
- ✓ Scroll compressors and R-410A refrigerant
- ✓ Low-noise option (-3 dB(A))
- ✓ Stacking of two units for increased capacity (up to size 090)
- ✓ Several communication protocols available: JBus, BacNet, MS/TPLON.
- ✓ Water connection at the top or rear

CODE	CAPACITY (kW) HEATING(Χαμ. / Μεσ. Θερμοκρασιών)	Ƞsh (%) MEDIUM LWT	SCOP MEDIUM LWT	ENERGY CLASS HEATING MEDIUM LWT	DIMENSIONS W x D x H (mm)	Price (€)
61WG-020A	29,0 / 27,0	167	4,37	A++	600 x 1.044 x 901	*
61WG-025A	34,0 / 32,0	165	4,32	A++	600 x 1.044 x 901	*
61WG-030A	38,0 / 35,0	160	4,20	A++	600 x 1.044 x 901	*
61WG-035A	44,0 / 41,0	163	4,28	A++	600 x 1.044 x 901	*
61WG-040A	50,0 / 47,0	165	4,32	A++	600 x 1.044 x 901	*
61WG-045A	57,0 / 52,0	166	4,35	A++	600 x 1.044 x 901	*
61WG-050A	69,0 / 64,0	186	4,86	-	880 x 1.474 x 901	*
61WG-060A	78,0 / 74,0	187	4,88	-	880 x 1.474 x 901	*
61WG-070A	88,0 / 80,0	184	4,80	-	880 x 1.474 x 901	*
61WG-080A	100,0 / 90,0	188	4,89	-	880 x 1.474 x 901	*
61WG-090A	117,0 / 103,0	184	4,80	-	880 x 1.474 x 901	*
61WG-110A	135,0 / 124,4	194	5,03	-	880 x 1.583 x 1.574	*
61WG-120A	151,0 / 140,7	193	5,03	-	880 x 1.583 x 1.574	*
61WG-140A	175,0 / 161,3	193	5,03	-	880 x 1.583 x 1.574	*
61WG-150A	183,0 / 166,0	194	5,02	-	880 x 1.583 x 1.574	*
61WG-170A	204,0 / 186,2	194	5,05	-	880 x 1.583 x 1.574	*
61WG-190A	236,0 / 212,5	190	4,93	-	880 x 1.583 x 1.574	*

Heating mode conditions:

- Condenser entering / leaving water temperature 30°C / 35°C (low temperatures)
- Condenser entering / leaving water temperature 47°C / 55°C (medium temperatures)
- Evaporator entering/leaving water temperature 10°C / 7°C

* Prices upon request



ACCESSORIES AQUASNAP WATER-TO-WATER HEAT PUMPS

61WG ACCESSORIES (FOR SIZES 020 – 190)	Price (€)
OPT_25: Compressor electronic soft starter	*
OPT_058: Lead Lag sensor	*
OPT_70F: External general disconnect switch	*
OPT_086: Condenser insulation	*
OPT_116R: Hydronic module fixed speed LP pump – evaporator	*
OPT_116V: Hydronic module variable speed HP pump – evaporator	*
OPT_148D: LON Gateway	*
OPT_149: Backnet over IP	*
OPT_149B: Modbus 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 fix speed HP pump – condenser	*
OPT_270V: Hydronic module variable speed HP pump – condenser	*
OPT_272: Brine to water configuration for ground source application	*
OPT_273: Stackability of 2 units on field	*
OPT_274: Top water connections	*

* Prices upon request

ACCESSORIES FOR SMALL CHILLERS & HEAT PUMPS FROM ERCD

CODE	ΠΕΡΙΓΡΑΦΗ	Price (€)
00PSG002521900A	WUI remote control	560,25
00PSG000596400A	Master Slave sensor	152,35
00PSG002501300A	DHW sensor	58,78
33AW-RAS01	Additional OAT sensor	92,87
30RAJ9002	CSHI CONTROL FOR RB/RQ UNITS	200,68
00PSG001022800A	Remote Wall Mountable Control - Unified version	1.035,46
33AW-CS1B	User Interface – NUI	261,03
33AW-RC1	User Interface – SUI	191,14

Prices without VAT



30AWH-30AWH_R32-30RBV

UNIT TYPE	No of COMPRES-SORS	No of Circuits	No. of power stages	Refriger-ant Charge	Nom. Water Flow	Available Static / Evap. Pres. Drop	Leave / Enter Water Connection	Max. operating current draw	POWER SUPPLY		
				Kg	Lit / sec	kPa	inch	A	V-ph-Hz	Wires mm ²	FUSE A

30AWH - AQUASNAP (R410A S A) - WITH HYDRONIC MODULE

30AWH004HD	1	1	INV	1.195	0,196	60	1 - 1	9	230-1-50	3 x 2,5	1 x 16
30AWH006HD	1	1	INV	1.350	0,258	60	1 - 1	11	230-1-50	3 x 2,5	1 x 16
30AWH008HD	1	1	INV	1,81	0,32	56	1 - 1	14,5	230-1-50	3 x 2,5	1 x 16
30AWH012HD	1	1	INV	2,45	0,49	70	1 - 1	20,7	230-1-50	3 x 6	1 x 25
30AWH015HD	1	1	INV	3,385	0,575	58	1 - 1	22,6	230-1-50	3 x 6	1 x 25
30AWH012HD9	1	1	INV	2,45	0,528	70	1 - 1	11,1	400-3N-50	5 x 2,5	3 x 16
30AWH015HD9	1	1	INV	3,385	0,573	55	1 - 1	11,1	400-3N-50	5 x 2,5	3 x 16

30AWH - AQUASNAP (R410A) WITHOUT HYDRONIC MODULE

30AWH004XD	1	1	INV	1,195	0,196	17	1 - 1	9	230-1-50	3 x 2,5	1 x 16
30AWH006XD	1	1	INV	1,350	0,258	12	1 - 1	11	230-1-50	3 x 2,5	1 x 16
30AWH008XD	1	1	INV	1,81	0,32	14	1 - 1	14,5	230-1-50	3 x 2,5	1 x 16
30AWH012XD	1	1	INV	2,45	0,49	25	1 - 1	20,7	230-1-50	3 x 6	1 x 25
30AWH015XD	1	1	INV	3,385	0,575	33	1 - 1	22,6	230-1-50	3 x 6	1 x 25
30AWH012XD9	1	1	INV	2,45	0,528	25	1 - 1	11,1	400-3N-50	5 x 2,5	3 x 16
30AWH015XD9	1	1	INV	3,385	0,573	33	1 - 1	11,1	400-3N-50	5 x 2,5	3 x 16

30AWH - AQUASNAP (R32) - WITH HYDRONIC MODULE

30AWH004H---R	1	1	INV	1,0	TBD	TBD	1 - 1	TBD	230-1-50	TBD	TBD
30AWH006H---R	1	1	INV	1,1	TBD	TBD	1 - 1	TBD	230-1-50	TBD	TBD
30AWH008H---R	1	1	INV	1,6	TBD	TBD	1 - 1	TBD	230-1-50	TBD	TBD
30AWH010H---R	1	1	INV	1,8	TBD	TBD	1 - 1	TBD	230-1-50	TBD	TBD
30AWH012H---R	1	1	INV	2,2	TBD	TBD	1 ¼ - 1 ¼	TBD	230-1-50	TBD	TBD
30AWH014H---R	1	1	INV	2,6	TBD	TBD	1 ¼ - 1 ¼	TBD	230-1-50	TBD	TBD
30AWH016H---R	1	1	INV	2,6	TBD	TBD	1 ¼ - 1 ¼	TBD	230-1-50	TBD	TBD

30RBV - AQUASNAP (R410A) - WITH HYDRONIC MODULE

30RBV017CM--B----	1	1	INV	6,25	0,745	86	1 - 1 ¼	18,5	400-3+N-50	5 x 4	3 x 20
30RBV017CH--B----	1	1	INV	6,25	0,745	160	1 - 1 ¼	18,5	400-3+N-50	5 x 4	3 x 20
30RBV021CM--B----	1	1	INV	6,25	0,889	62	1 - 1 ¼	21,2	400-3+N-50	5 x 6	3 x 25
30RBV021CH--B----	1	1	INV	6,25	0,889	130	1 - 1 ¼	21,2	400-3+N-50	5 x 6	3 x 25

30RBV - AQUASNAP (R410A) - WITHOUT HYDRONIC MODULE

30RBV017CX--B----	1	1	INV	6,25	0,745	35	1 - 1 ¼	18,5	400-3+N-50	5 x 4	3 x 20
30RBV021CX--B----	1	1	INV	6,25	0,889	54	1 - 1 ¼	21,2	400-3+N-50	5 x 6	3 x 25

All wiring must comply with local and national electrical codes, regulations and must be installed by a licensed electrician.

30RQV-30RB-30RQ-61AF

UNIT TYPE	No of COMPRES-SORS	No of Circuits	No. of power stages	Refriger-ant Charge	Nom. Water Flow	Available Static / Evap. Pres. Drop	Leave / Enter Water Connection	Max. operating current draw	POWER SUPPLY		
				Kg	Lit / sec	kPa	inch	A	V-ph-Hz	Wires mm ²	FUSE A

30RQV - AQUASNAP (R410A) - WITH HYDRONIC MODULE

30RQV017CM--B----	1	1	INV	8,00	0,71	88	1 - 1 ¼	18,5	400-3+N-50	5x4	3x20
30RQV017CH--B----	1	1	INV	8,00	0,71	160	1 - 1 ¼	18,5	400-3+N-50	5x4	3x20
30RQV021CM--B----	1	1	INV	8,00	0,89	66	1 - 1 ¼	21,2	400-3+N-50	5x6	3x25
30RQV021CH--B----	1	1	INV	8,00	0,89	130	1 - 1 ¼	21,2	400-3+N-50	5x6	3x25

30RQV - AQUASNAP (R410A) - WITHOUT HYDRONIC MODULE

30RQV017CX--B----	1	1	INV	8,00	0,71	30	1 - 1 ¼	18,5	400-3+N-50	5x4	3x20
30RQV021CX--B----	1	1	INV	8,00	0,89	50	1 - 1 ¼	21,2	400-3+N-50	5x6	3x25

30RB - AQUASNAP (R410A) - WITH HYDRONIC MODULE

30RB-017CH-----A	1	1	1	5,5	0,79	150	1 - 1 ¼	13	400-3+N-50	5x2,5	3x16
30RB-021CH-----A	1	1	1	6,4	1,03	128	1 - 1 ¼	16	400-3+N-50	5x2,5	3x16
30RB-026CH-----A	1	1	1	5,8	1,32	180	1 ¼ - 1 ¼	20	400-3+N-50	5x4	3x20
30RB-033CH-----A	1	1	1	8,6	1,60	160	1 ¼ - 1 ¼	24	400-3+N-50	5x6	3x25
30RB-040DH-----A	1	1	1	8,8	1,98	155	1 ¼ - 1 ¼	30	400-3-50	5x10	3x35

30RB-AQUASNAP (R410A) - WITHOUT HYDRONIC MODULE

30RB-017CX-----A	1	1	1	5,5	0,79	41	1 - 1 ¼	13	400-3+N-50	5x2,5	3x16
30RB-021CX-----A	1	1	1	6,4	1,03	59	1 - 1 ¼	16	400-3+N-50	5x2,5	3x16
30RB-026CX-----A	1	1	1	5,8	1,32	87	1 ¼ - 1 ¼	20	400-3+N-50	5x4	3x20
30RB-033CX-----A	1	1	1	8,6	1,60	86	1 ¼ - 1 ¼	24	400-3+N-50	5x6	3x25
30RB-040DX-----A	1	1	1	8,8	1,98	34	1 ¼ - 1 ¼	30	400-3-50	5x10	3x35

30RQ-AQUASNAP (R410A) - WITH HYDRONIC MODULE

30RQ-017CH-----A	1	1	1	6,4	0,76	154	1 - 1 ¼	13	400-3+N-50	5x2,5	3x16
30RQ-021CH-----A	1	1	1	7,7	0,96	132	1 - 1 ¼	16	400-3+N-50	5x2,5	3x16
30RQ-026CH-----A	1	1	1	7,6	1,26	208	1 ¼ - 1 ¼	20	400-3+N-50	5x4	3x20
30RQ-033CH-----A	1	1	1	9,5	1,55	180	1 ¼ - 1 ¼	24	400-3+N-50	5x6	3x25
30RQ-040DH-----A	1	1	1	9,8	1,88	160	1 ¼ - 1 ¼	30	400-3-50	5x10	3x35

30RQ-AQUASNAP (R410A) - WITHOUT HYDRONIC MODULE

30RQ-017CX-----A	1	1	1	6,4	0,76	39	1 - 1 ¼	13	400-3+N-50	5x2,5	3x16
30RQ-021CX-----A	1	1	1	7,7	0,96	52	1 - 1 ¼	16	400-3+N-50	5x2,5	3x16
30RQ-026CX-----A	1	1	1	7,6	1,26	58	1 ¼ - 1 ¼	20	400-3+N-50	5x4	3x20
30RQ-033CX-----A	1	1	1	9,5	1,55	71	1 ¼ - 1 ¼	24	400-3+N-50	5x6	3x25
30RQ-040DX-----A	1	1	1	9,8	1,88	31	1 ¼ - 1 ¼	30	400-3-50	5x10	3x35

61AF-AQUASNAP - HEATING ONLY- (R407C) - WITH HYDRONIC MODULE

61AF-014P7-----B	1	1	1	4,0	0,42	73	1 - 1	31,8	230-1-50	3x10	1x35
61AF-014P9-----B	1	1	1	4,0	0,41	72	1 - 1	11,9	400-3-50	5x2,5	3x16
61AF-019P9-----B	1	1	1	8,0	0,59	67	1 - 1 ¼	17,1	400-3-50	5x4	3x20

61AF-AQUASNAP - HEATING ONLY- (R407C) - WITHOUT HYDRONIC MODULE

61AF-014X7-----B	1	1	1	4,0	0,42	6,91	1 - 1	30,7	230-1-50	3x10	1x35
61AF-014X9-----B	1	1	1	4,0	0,41	6,60	1 - 1	10,8	400-3-50	5x2,5	3x16
61AF-019X9-----B	1	1	1	8,0	0,59	9,37	1 - 1 ¼	16,0	400-3-50	5x4	3x20

All wiring must comply with local and national electrical codes, regulations and must be installed by a licensed electrician.

61AF22-105 – 61WG020-190

UNIT TYPE	No of COMPRES-SORS	No of Circuits	No. of power stages	Refriger-ant Charge	Nom. Water Flow	Available Static / Evap. Pres. Drop	Leave / Enter Water Connection	Max. operating current draw	POWER SUPPLY		
				Kg	Lit / sec	kPa	inch	A	V-ph-Hz	Wires mm ²	FUSE A

61AF-AQUASNAP – HEATING ONLY- (R407C) WITH HYDRONIC MODULE

61AF030-B +opt.116X	1	1	1	8,8	0,756	90,4	1 ¼ - 1 ¼	20	400-3-50	5 x 4	3 x 20
61AF035-B +opt.116X	1	1	1	9,7	0,954	90,6	1 ½ - 1 ½	26	400-3-50	5 x 6	3 x 25
61AF045-B +opt.116X	1	1	1	10,0	1,290	124,0	1 ½ - 1 ½	32	400-3-50	5 x 10	3 x 35
61AF055-B +opt.116X	1	1	1	13,2	1,580	122,0	1 ½ - 1 ½	38	400-3-50	5 x 10	3 x 35
61AF075-B +opt.116X	2	1	2	22,0	2,050	119,0	2 - 2	53	400-3-50	5 x 16	3 x 63
61AF105-B +opt.116X	2	1	2	26,5	3,080	107,0	2 - 2	76	400-3-50	5 x 25	3 x 80

61AF-AQUASNAP – HEATING ONLY- (R407C) WITHOUT HYDRONIC MODULE

61AF030-B	1	1	1	8,8	0,756	3,63	1 ¼ - 1 ¼	20	400-3-50	5 x 4	3 x 20
61AF035-B	1	1	1	9,7	0,954	3,11	1 ½ - 1 ½	26	400-3-50	5 x 6	3 x 25
61AF045-B	1	1	1	10,0	1,290	4,48	1 ½ - 1 ½	32	400-3-50	5 x 10	3 x 35
61AF055-B	1	1	1	13,2	1,580	5,60	1 ½ - 1 ½	38	400-3-50	5 x 10	3 x 35
61AF075-B	2	1	2	22,0	2,050	4,66	2 - 2	53	400-3-50	5 x 16	3 x 63
61AF105-B	2	1	2	26,5	3,080	8,28	2 - 2	76	400-3-50	5 x 25	3 x 80

UNIT TYPE	No of COMPRES-SORS	No of Circuits	No. of power stages	Refriger-ant Charge	Nom. Water Flow	Available Static / Evap. Pres. Drop	Leave / Enter Water Connection	Max. operating current draw	POWER SUPPLY		
				Kg	Εξαρτ. / Συν. Lit / sec	Εξαρτ. / Συν. kPa	Εξαρτ. / Συν. inch	A	V-ph-Hz	Wires mm ²	FUSE A

61WG-AQUASNAP- WATER TO WATER HEAT PUMPS (R410A)

61WG-020A	1	1	1	3,5	1,90 / 1,39	30,2 / 15,0	1 ½ - 1 ½	16,1	400-3-50	5 x 4	3 x 20
61WG-025A	1	1	1	3,5	2,24 / 1,65	34,8 / 17,4	1 ½ - 1 ½	19,6	400-3-50	5 x 4	3 x 20
61WG-030A	1	1	1	3,6	2,49 / 1,83	42,0 / 21,0	1 ½ - 1 ½	21,1	400-3-50	5 x 6	3 x 25
61WG-035A	1	1	1	3,7	2,89 / 2,12	43,8 / 21,9	1 ½ - 1 ½	24,4	400-3-50	5 x 6	3 x 25
61WG-040A	1	1	1	4,0	3,28 / 2,40	48,9 / 24,3	1 ½ - 1 ½	26,7	400-3-50	5 x 10	3 x 35
61WG-045A	1	1	1	4,6	3,74 / 2,74	52,1 / 26,2	1 ½ - 1 ½	30,9	400-3-50	5 x 10	3 x 35
61WG-050A	2	1	2	7,6	4,49 / 3,29	28,1 / 21,3	2 - 2	39,2	400-3-50	5 x 16	3 x 63
61WG-060A	2	1	2	7,8	5,10 / 3,75	31,3 / 24,2	2 - 2	42,2	400-3-50	5 x 16	3 x 63
61WG-070A	2	1	2	7,9	5,79 / 4,24	36,7 / 28,8	2 - 2	48,8	400-3-50	5 x 16	3 x 63
61WG-080A	2	1	2	8,7	6,51 / 4,79	48,4 / 32,9	2 - 2	53,4	400-3-50	5 x 16	3 x 63
61WG-090A	2	1	2	11,5	7,60 / 5,58	53,5 / 34,9	2 - 2	61,8	400-3-50	5 x 16	3 x 63
61WG-110A	3	1	3	13,3	6,77* / 6,48	25,3* / 24,4	2 ½ - 2 ½	69,6	400-3-50	5 x 25	3 x 80
61WG-120A	3	1	3	14,5	7,55* / 7,26	24,2* / 23,6	2 ½ - 2 ½	76,2	400-3-50	5 x 25	3 x 80
61WG-140A	3	1	3	15,6	7,04** / 8,44	17,8** / 26,2	2 ½ - 2 ½	87,0	400-3-50	5 x 25	3 x 80
61WG-150A	4	1	4	21,0	7,41** / 8,82	21,9** / 29,0	3 - 3	92,8	400-3-50	5 x 25	3 x 80
61WG-170A	4	1	4	23,0	8,22** / 9,84	22,9** / 27,6	3 - 3	101,6	400-3-50	5 x 35	3 x 100
61WG-190A	4	1	4	24,2	9,50** / 11,4	25,1** / 30,3	3 - 3	116,0	400-3-50	5 x 35	3 x 100

- Evaporator entering/leaving water temperature 11°C / 7°C.

- Evaporator entering/leaving water temperature 12°C / 7°C

All wiring must comply with local and national electrical codes, regulations and must be installed by a licensed electrician.

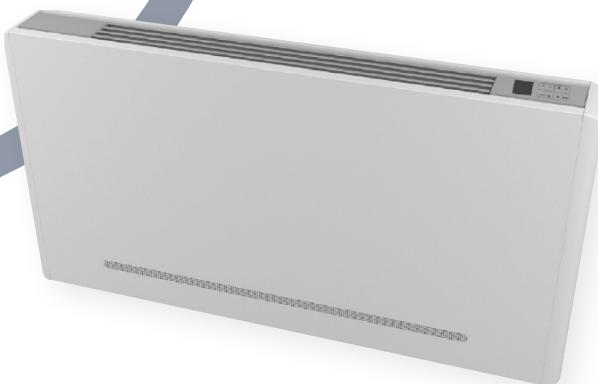


HYDRONIC TERMINALS





42SI Slim Fan Coil



The 42SI is a hydronic slim fan coil available in 4 models (with cabinet and without cabinet).

It covers a range of cooling capacity from 0.56 kW to 3.8 kW.

The slim cabinet version can be installed in any ambient thanks to its elegant design and reduced dimensions (depth is only 150 mm).

All the models perform very low electric consumption and extremely quite sound levels according to the request of today's new projects.

- ✓ Available in 4 models.
 - Standard height with and without cabinet (2 & 4 pipes)
 - Low height with and without cabinet (2 pipes only)
- ✓ The standard configuration on the units has the hydraulic connections on the left and the control panels on the right.
- ✓ The position of the hydraulic connections can be inverted from left to right during installation using the appropriate accessory.
- ✓ The standard configuration on standard height units with cabinet is for vertical installation.
- ✓ Horizontal (ceiling) installation is also available using the appropriate condensate collector tray.
- ✓ The standard configuration is without supporting feet (hanged on the wall - 80 mm distance from floor).
- ✓ Floor installation is available using support feet.
- ✓ Heat exchanger coil is with 3/4" Eurokonus threaded fittings compliant with the requirements of the new EU standards. For easier installation is recommended to use the available adaptors from 3/4" Eurokonus to 1/2" or 3/4" Eurokonus to 3/4" female connection (male standard fittings).
- ✓ Accessories available are:
 - 2 ways valve
 - 3 ways valve
 - Back panel RAL9010 for cabinet version (42SIC or 42SIR)
 - White color feet for covering floor pipes
 - White color support feet
 - In-wall box for vertical concealed version (42SIN or 42SIL)
 - Front panel RAL9003 equipped with return grill and supply adjustable blade for vertical concealed version (42SIN or 42SIL)
 - LCD TOUCH electronic wall mounted control panel with or without WIFI module color black or white



42SI - EC INVERTER SLIM FCU CONSOLE WITH CABINET

2 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			
42SIC CONSOLE WITH CABINET & CONTROL TYPE ECA644II					
42SIC29FA----	0.83 / 0.62	1.09	162 - 55	723 x 150 x 578 (+80)	809
42SIC49FA----	1.76 / 1.27	2.35	320 - 155	923 x 150 x 578 (+80)	893
42SIC69FA----	2.65 / 1.96	3.19	461 - 248	1.123 x 150 x 578 (+80)	997
42SIC89FA----	3.34 / 2.65	4.10	576 - 370	1.323 x 150 x 578 (+80)	1.130
42SIC99FA----	3.80 / 3.01	4.86	648 - 426	1.523 x 150 x 578 (+80)	1.251
LC0605II	White color support feet for floor installation (optional)				135
42SIC CONSOLE WITH CABINET & ELECTRONIC BOARD ESE645II FOR CONTROL EDA/EWG649II					
42SIC29FC----	0.83 / 0.62	1.09	162 - 55	723 x 150 x 578 (+80)	785
42SIC49FC----	1.76 / 1.27	2.35	320 - 155	923 x 150 x 578 (+80)	855
42SIC69FC----	2.65 / 1.96	3.19	461 - 248	1.123 x 150 x 578 (+80)	968
42SIC89FC----	3.34 / 2.65	4.10	576 - 370	1.323 x 150 x 578 (+80)	1.109
42SIC99FC----	3.80 / 3.01	4.86	648 - 426	1.523 x 150 x 578 (+80)	1.242
LC0605II	White color support feet for floor installation (optional)				135
42SIC CONSOLE WITH CABINET & ELECTRONIC BOARD B4V642II FOR 3RD PARTY 3 SPEED CONTROL					
42SIC29FD----	0.83 / 0.62	1.09	162 - 55	723 x 150 x 578 (+80)	674
42SIC49FD----	1.76 / 1.27	2.35	320 - 155	923 x 150 x 578 (+80)	753
42SIC69FD----	2.65 / 1.96	3.19	461 - 248	1.123 x 150 x 578 (+80)	855
42SIC89FD----	3.34 / 2.65	4.10	576 - 370	1.323 x 150 x 578 (+80)	1.007
42SIC99FD----	3.80 / 3.01	4.86	648 - 426	1.523 x 150 x 578 (+80)	1.132
LC0605II	White color support feet for floor installation (optional)				135
42SIC CONSOLE WITH CABINET & ELECTRONIC BOARD B10642II FOR 3RD PARTY 0-10V CONTROL					
42SIC29FE----	0.83 / 0.62	1.09	162 - 55	723 x 150 x 578 (+80)	674
42SIC49FE----	1.76 / 1.27	2.35	320 - 155	923 x 150 x 578 (+80)	753
42SIC69FE----	2.65 / 1.96	3.19	461 - 248	1.123 x 150 x 578 (+80)	855
42SIC89FE----	3.34 / 2.65	4.10	576 - 370	1.323 x 150 x 578 (+80)	1.007
42SIC99FE----	3.80 / 3.01	4.86	648 - 426	1.523 x 150 x 578 (+80)	1.132
LC0605II	White color support feet for floor installation (optional)				135

Prices without VAT

Hydronic Terminals with right hand coil connection (upon special request – MOQ) have an additional charge of 50 €/piece

Cooling mode:

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Heating mode:

- Entering air temperature 20°C
- Entering / leaving water temperature 50°C / 45°C

42SI - EC INVERTER SLIM FCU CONSOLE WITH CABINET

4 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			
42SIC CONSOLE WITH CABINET & CONTROL TYPE ECA647II					
	42SIC29CA----	0.76 / 0,566	0,98	147 - 51	723 x 150 x 638 (+80)
	42SIC49CA----	1,62 / 1,205	2,11	289 - 138	923 x 150 x 638 (+80)
	42SIC69CA----	2,42 / 1,80	2,79	411 - 215	1.123 x 150 x 638 (+80)
	42SIC89CA----	3,04 / 2,30	3,48	529 - 336	1.323 x 150 x 638 (+80)
	42SIC99CA----	3,64 / 2,72	4,74	602 - 404	1.523 x 150 x 638 (+80)
	LC0605II	White color support feet for floor installation (optional)			135
42SIC CONSOLE WITH CABINET & ELECTRONIC BOARD ESE648II FOR CONTROL EDB/EWW649II					
	42SIC29CC----	0.76 / 0,566	0,98	147 - 51	723 x 150 x 638 (+80)
	42SIC49CC----	1,62 / 1,205	2,11	289 - 138	923 x 150 x 638 (+80)
	42SIC69CC----	2,42 / 1,80	2,79	411 - 215	1.123 x 150 x 638 (+80)
	42SIC89CC----	3,04 / 2,30	3,48	529 - 336	1.323 x 150 x 638 (+80)
	42SIC99CC----	3,64 / 2,72	4,74	602 - 404	1.523 x 150 x 638 (+80)
	LC0605II	White color support feet for floor installation (optional)			135

42SI - LOW HEIGHT EC INVERTER SLIM FCU CONSOLE

2 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			
42SIR CONSOLE WITH CABINET & CONTROL TYPE ECA644II					
	42SIR29FA----	0,56 / 0,52	0,78	140 - 49	723 x 150 x 378
	42SIR49FA----	1,04 / 0,84	1,57	250 - 119	923 x 150 x 378
	42SIR69FA----	1,64 / 1,40	2,38	390 - 204	1.123 x 150 x 378
	42SIR89FA----	2,31 / 2,10	3,25	540 - 343	1.323 x 150 x 378
	42SIR99FA----	3,14 / 2,50	3,91	600 - 403	1.523 x 150 x 378
42SIL CONSOLE CONCEALED & ELECTRONIC BOARD ESE645II FOR CONTROL EDA/EWG649II					
	42SIL29FC----	0,56 / 0,52	0,78	140 - 49	480 x 126 x 376
	42SIL49FC----	1,04 / 0,84	1,57	250 - 119	680 x 126 x 376
	42SIL69FC----	1,64 / 1,40	2,38	390 - 204	880 x 126 x 376
	42SIL89FC----	2,31 / 2,10	3,25	540 - 343	1.080 x 126 x 376
	42SIL99FC----	3,14 / 2,50	3,91	600 - 403	1.280 x 126 x 376

Hydronic Terminals with right hand coil connection (upon special request – MOQ) have an additional charge of 50 €/piece

Prices without VAT

Cooling mode (2-pipe and 4-pipe coil):

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Heating mode (2-pipe coil):

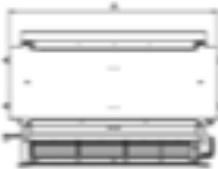
- Entering air temperature 20°C
- Entering / leaving water temperature 50°C / 45°C

Heating mode (4-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 70°C / 60°C

42SI - EC INVERTER SLIM FCU CONSOLE CONCEALED

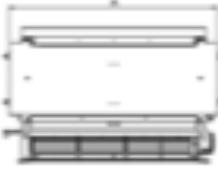
2 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			
42SIN CONSOLE CONCEALED & ELEC. BOARD ESE645II & CONTROL EDA/EWG649II					
	42SIN29FC----	0.83 / 0.62	1,09	162 - 55	480 x 126 x 576
	42SIN49FC----	1.76 / 1.27	2,35	320 - 155	680 x 126 x 576
	42SIN69FC----	2.65 / 1.96	3,19	461 - 248	880 x 126 x 576
	42SIN89FC----	3.34 / 2.65	4,10	576 - 370	1.080 x 126 x 576
	42SIN99FC----	3.80 / 3.01	4,86	648 - 426	1.280 x 126 x 576
					1.049

42SIN CONSOLE CONCEALED & ELECTRONIC BOARD B4V642II FOR 3RD PARTY 3 SPEED CONTROL

	42SIN29FD----	0,83 / 0,62	1,09	162 - 55	480 x 126 x 576	602
	42SIN49FD----	1,76 / 1,27	2,35	320 - 155	680 x 126 x 576	674
	42SIN69FD----	2,65 / 1,96	3,19	461 - 248	880 x 126 x 576	778
	42SIN89FD----	3,34 / 2,65	4,10	576 - 370	1.080 x 126 x 576	872
	42SIN99FD----	3,80 / 3,01	4,86	648 - 426	1.280 x 126 x 576	945

42SIN CONSOLE CONCEALED & ELECTRONIC BOARD B10642II FOR 3RD PARTY 0-10V CONTROL

	42SIN29FE----	0,83 / 0,62	1,09	162 - 55	480 x 126 x 576	602
	42SIN49FE----	1,76 / 1,27	2,35	320 - 155	680 x 126 x 576	674
	42SIN69FE----	2,65 / 1,96	3,19	461 - 248	880 x 126 x 576	778
	42SIN89FE----	3,34 / 2,65	4,10	576 - 370	1.080 x 126 x 576	872
	42SIN99FE----	3,80 / 3,01	4,86	648 - 426	1.280 x 126 x 576	945

42SI - EC INVERTER SLIM FCU CONSOLE CONCEALED

4 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			
42SIN CONSOLE CONCEALED & ELECTRONIC BOARD ESE648II FOR CONTROL EDB/EWW649II					
	42SIN29CC----	0,76 / 0,566	0,98	147 - 51	480 x 126 x 636
	42SIN49CC----	1,62 / 1,205	2,11	289 - 138	680 x 126 x 636
	42SIN69CC----	2,42 / 1,80	2,79	411 - 215	880 x 126 x 636
	42SIN89CC----	3,04 / 2,30	3,48	529 - 336	1.080 x 126 x 636
	42SIN99CC----	3,64 / 2,72	4,74	602 - 404	1.280 x 126 x 636
					1.386

Prices without VAT

Hydronic Terminals with right hand coil connection (upon special request – MOQ) have an additional charge of 50 €/piece

Cooling mode (2-pipe and 4-pipe coil):

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Heating mode (2-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 50°C / 45°C

Heating mode (4-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 70°C / 60°C

ACCESSORIES FOR

HYDRONIC TERMINALS TYPE 42SI

Code	Description	Price (€)
ECA644II	Electronic control SMART TOUCH with PID full modulating fan & user interface	283
ECA647II	Electronic control TOUCH LCD with PID full modulating fan & user interface	316
EWF644II	Electronic control SMART TOUCH with PID full modulating fan & command with Wifi	328
EWF647II	Electronic control SMART TOUCH with PID full modulating fan & command with Wifi	363
ESE645II	Electronic control (without wall mounted control panel)	270
ESE648II	Electronic control (without wall mounted control panel)	283
B4V642II	Electronic card (for electromechanical thermostat 3 speed)	162
B10642II	Electronic control (for third party control 0-10V signal)	162
EDA649II	LCD TOUCH electronic wall-mounted control panel Modbus, with thermostat and room sensor, black color	208
EDB649II	LCD TOUCH electronic wall-mounted control panel Modbus, with thermostat and room sensor, white color	208
EWG649II	LCD TOUCH electronic wall-mounted control panel Modbus with thermostat and room sensor, with WIFI module, black color	220
EWW649II	LCD TOUCH electronic wall-mounted control panel Modbus with thermostat and room sensor, with WIFI module, white color	220
EG1027II	Electronic control board for external terminals (e.g. radiators and radiant panel heads), for wall control connection EDA649II-EDB649II-EWG649II-EWW649II	175
AI0200II	Adaptors 3/4" F Eurokonus->1/2" female	29
AI0201II	Adaptors 3/4" F Eurokonus->3/4" female	29
AI0203II	"L" shape hydraulic fitting Eurokonus-Eurokonus 90°	29
BB0646II	Motor cable in case of a coil inversion on site	28
LC0157II	White color feet for covering floor pipes	87
LC0605II	White color support feet	135
V20139II	2-way valve (with balancing regulator), ON/OFF 230V actuator	160
V20661II	2-way valve (with balancing regulator), ON/OFF 230V actuator only for low height models	326
V30361II	3-way valve (equipped with balancing regulator), ON/OFF 230V actuator	215
V30662II	3-way valve (equipped with balancing regulator), ON/OFF 230V actuator for low height models	334
V40219II	2-way valves for 4 pipes models	458
V60221II	3-way valves for 4 pipes	625
GB0520II	Condensate collector tray for 42SIC29 (2 and 4 pipe version) for ceiling installation	65
GB0521II	Condensate collector tray for 42SIC49 (2 and 4 pipe version) for ceiling installation	75
GB0522II	Condensate collector tray for 42SIC69 (2 and 4 pipe version) for ceiling installation	79
GB0523II	Condensate collector tray for 42SIC89 (2 and 4 pipe version) for ceiling installation	100
GB0524II	Condensate collector tray for 42SIC99 (2 and 4 pipe version) for ceiling installation	116
LC0171II	RAL 9010, white back panel, for standard height with cabinet fan coil 42SIC29F/G (2 pipes)	112
LC0173II	RAL 9010, white back panel, for standard height with cabinet fan coil 42SIC49F/G (2 pipes)	115
LC0175II	RAL 9010, white back panel, for standard height with cabinet fan coil 42SIC69F/G (2 pipes)	139
LC0177II	RAL 9010, white back panel, for standard height with cabinet fan coil 42SIC89F/G (2 pipes)	155
LC0179II	RAL 9010, white back panel, for standard height with cabinet fan coil 42SIC99F/G (2 pipes)	163

ACCESSORIES FOR

HYDRONIC TERMINALS TYPE 42SI

Code	Description	Price (€)
LC0665II	RAL 9010, white back panel, for low height with cabinet fan coil 42SIR29F/G (2 pipes)	112
LC0666II	RAL 9010, white back panel, for low height with cabinet fan coil 42SIR49F/G (2 pipes)	115
LC0667II	RAL 9010, white back panel, for low height with cabinet fan coil 42SIR69F/G (2 pipes)	139
LC0668II	RAL 9010, white back panel, for low height with cabinet fan coil 42SIR89F/G (2 pipes)	155
LC0669II	RAL 9010, white back panel, for low height with cabinet fan coil 42SIR99F/G (2 pipes)	165
LC0181II	RAL 9010, white back panel, for standard height with cabinet fan coil 42SIC29C/D (4 pipes)	160
LC0183II	RAL 9010, white back panel, for standard height with cabinet fan coil 42SIC49C/D (4 pipes)	171
LC0185II	RAL 9010, white back panel, for standard height with cabinet fan coil 42SIC69C/D (4 pipes)	225
LB0187II	RAL 9010, white back panel, for standard height with cabinet fan coil 42SIC89C/D (4 pipes)	242
LB0189II	RAL 9010, white back panel, for standard height with cabinet fan coil 42SIC99C/D (4 pipes)	259
L00568II	In-wall box for standard height vertical concealed fan coil 42SIN29	155
L00569II	In-wall box for standard height vertical concealed fan coil 42SIN49	176
L00570II	In-wall box for standard height vertical concealed fan coil 42SIN69	209
L00571II	In-wall box for standard height vertical concealed fan coil 42SIN89	225
L00572II	In-wall box for standard height vertical concealed fan coil 42SIN99	253
L00700II	In-wall box for low height vertical concealed fan coil 42SIL29	160
L00701II	In-wall box for low height vertical concealed fan coil 42SIL49	187
L00702II	In-wall box for low height vertical concealed fan coil 42SIL69	209
L00703II	In-wall box for low height vertical concealed fan coil 42SIL89	225
L00704II	In-wall box for low height vertical concealed fan coil 42SIL99	242
LC0578II	RAL 9003 front panel, for standard height vertical concealed in-wall installation fan coil 42SIN29	306
LC0579II	RAL 9003 front panel, for standard height vertical concealed in-wall installation fan coil 42SIN49	336
LC0580II	RAL 9003 front panel, for standard height vertical concealed in-wall installation fan coil 42SIN69	363
LC0581II	RAL 9003 front panel, for standard height vertical concealed in-wall installation fan coil 42SIN89	372
LC0582II	RAL 9003 front panel, for standard height vertical concealed in-wall installation fan coil 42SIN99	466
LC0692II	RAL 9003 front panel, for low height vertical concealed in-wall installation fan coil 42SIL29	396
LC0693II	RAL 9003 front panel, for low height vertical concealed in-wall installation fan coil 42SIL49	440
LC0694II	RAL 9003 front panel, for low height vertical concealed in-wall installation fan coil 42SIL69	476
LC0695II	RAL 9003 front panel, for low height vertical concealed in-wall installation fan coil 42SIL89	530
LC0696II	RAL 9003 front panel, for low height vertical concealed in-wall installation fan coil 42SIL99	603

Prices without VAT



Modern aesthetic lines, excellent sound levels and optimised thermal performance.

Designed for heating and cooling, 42NC/ND is available in 2 models (cased or uncased), with 2 types of fan motors (AC EC). The versatility of the 42NC/ND, thanks to its different assembly options and range of accessories, means it can be adapted to any type of installation.

In Europe, it has become a benchmark solution for renovations of large office blocks and hotel chains and restoration of buildings. With 42NC/ND, Carrier offers a comfort solution which is both economical and quick to set up.

Variable speed LEC motors reduce the fan coil unit power consumption by 85%. This option meets the building energy regulation objectives. LEC motors include auto adaptive control of the air flow from 0 to 100% to match individual comfort levels in both cooling and heating mode.

- ✓ The range includes eleven sizes, with air flows from 151 up to 1.717 m³/h.
- ✓ Versatile unit meeting all buildings specific constraints
- ✓ Energy and ecodesign performance
- ✓ Improved occupant comfort, very low sound level
- ✓ Innovative design ensuring easy installation and simplified maintenance
- ✓ The technical design of the unit should allow it to be installed horizontally or vertically without modification
- ✓ The control can be factory-fitted to the units to ensure correct operation.



42ND / 42NC AC MOTOR

2 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed V4-V1)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			
42ND CONCEALED TYPE (WITHOUT FEET) FOR HORIZONTAL OR VERTICAL INSTALLATION					
42ND115F-----	1,04 / 0,99	1,53	265 - 165	652 x 245 x 556	457
42ND135F-----	1,39 / 1,13	1,88	265 - 165	652 x 245 x 556	483
42ND215F-----	1,76 / 1,69	2,50	415 - 230	812 x 245 x 556	496
42ND235F-----	2,14 / 1,80	2,69	410 - 225	812 x 245 x 556	526
42ND245F-----	2,42 / 1,96	2,96	410 - 225	812 x 245 x 556	532
42ND315F-----	2,72 / 2,15	3,41	645 - 230	1012 x 245 x 556	563
42ND325F-----	3,16 / 2,62	3,84	645 - 230	1012 x 245 x 556	571
42ND335F-----	3,51 / 2,70	4,28	620 - 220	1012 x 245 x 556	603
42ND435F-----	5,75 / 4,48	6,31	1.030 - 445	1212 x 245 x 556	675
42ND535F-----	6,15 / 4,84	6,95	1.120 - 535	1412 x 245 x 556	768
42ND645F-----	7,99 / 5,97	8,59	1.350 - 730	1612 x 245 x 556	892
33TA_AC01	Kit Control Type A (230V) AC Motor (optional)				62,93
42NC CONSOLE / UNDERCEILING WITH CABINET - WITHOUT CONTROL					
42NC115F-----	1,04 / 0,99	1,53	265 - 165	840 x 252 x 607	578
42NC135F-----	1,39 / 1,13	1,88	265 - 165	840 x 252 x 607	604
42NC215F-----	1,76 / 1,69	2,50	415 - 230	1000 x 252 x 607	624
42NC235F-----	2,14 / 1,80	2,69	410 - 225	1000 x 252 x 607	654
42NC245F-----	2,42 / 1,96	2,96	410 - 225	1000 x 252 x 607	660
42NC315F-----	2,72 / 2,15	3,41	645 - 230	1200 x 252 x 607	702
42NC325F-----	3,16 / 2,62	3,84	645 - 230	1200 x 252 x 607	710
42NC335F-----	3,51 / 2,70	4,28	620 - 220	1200 x 252 x 607	742
42NC435F-----	5,75 / 4,48	6,31	1.030 - 445	1400 x 252 x 607	830
42NC535F-----	6,15 / 4,84	6,95	1.120 - 535	1600 x 252 x 607	940
42NC645F-----	7,99 / 5,97	8,59	1.350 - 730	1800 x 252 x 607	1.076
33TA_AC01	Kit Control Type A (230V) AC Motor (optional)				62,93
42NCV CONSOLE WITH CABINET - WITH CONTROL (SUPPORTING FEET - OPTIONAL)					
42NC115FV-----	1,04 / 0,99	1,53	265 - 165	840 x 252 x 607 (+100)	712
42NC135FV-----	1,39 / 1,13	1,88	265 - 165	840 x 252 x 607 (+100)	738
42NC215FV-----	1,76 / 1,69	2,50	415 - 230	1000 x 252 x 607 (+100)	758
42NC235FV-----	2,14 / 1,80	2,69	410 - 225	1000 x 252 x 607 (+100)	788
42NC245FV-----	2,42 / 1,96	2,96	410 - 225	1000 x 252 x 607 (+100)	794
42NC315FV-----	2,72 / 2,15	3,41	645 - 230	1200 x 252 x 607 (+100)	836
42NC325FV-----	3,16 / 2,62	3,84	645 - 230	1200 x 252 x 607 (+100)	844
42NC335FV-----	3,51 / 2,70	4,28	620 - 220	1200 x 252 x 607 (+100)	876
42NC435FV-----	5,75 / 4,48	6,31	1.030 - 445	1400 x 252 x 607 (+100)	964
42NC535FV-----	6,15 / 4,84	6,95	1.120 - 535	1600 x 252 x 607 (+100)	1.074
42NC645FV-----	7,99 / 5,97	8,59	1.350 - 730	1800 x 252 x 607 (+100)	1.210
7209243-CS	Change over sensor (mandatory to be ordered separately)				27,87
7242933-CS	White color support feet for floor installation (optional)				184,07

Cooling mode:

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Heating mode:

- Entering air temperature 20°C
- Entering / leaving water temperature 45°C / 40°C

Prices without VAT



42ND / 42NC AC MOTOR

4 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed V4-V1)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			

42ND CONCEALED TYPE (WITHOUT FEET) FOR HORIZONTAL OR VERTICAL INSTALLATION



42ND135C-----	1.39 / 1.13	1.13	260 - 140	652 x 245 x 556	533
42ND235C-----	2.13 / 1.85	1.86	410 - 225	812 x 245 x 556	579
42ND245C-----	1.91 / 1.74	3.42	410 - 225	812 x 245 x 556	600
42ND335C-----	3.31 / 2.69	2.98	620 - 220	1012 x 245 x 556	663
42ND345C-----	2.93 / 2.39	4.73	620 - 220	1012 x 245 x 556	686
42ND435C-----	5.48 / 4.30	4.11	1.030 - 445	1212 x 245 x 556	742
42ND445C-----	4.91 / 4.08	5.72	1.030 - 445	1212 x 245 x 556	768
42ND535C-----	5.88 / 4.81	5.77	1.120 - 535	1412 x 245 x 556	850
42ND635C-----	8.15 / 6.04	9.15	1.250 - 680	1612 x 245 x 556	987
33TB_AC01	Kit Control Type B (230V) AC Motor (optional)				80,53

42NC CONSOLE / UNDERCEILING WITH CABINET - WITHOUT CONTROL



42NC135C-----	1.39 / 1.13	1.13	260 - 140	840 x 252 x 607	654
42NC235C-----	2.13 / 1.85	1.86	410 - 225	1000 x 252 x 607	707
42NC245C-----	1.91 / 1.74	3.42	410 - 225	1000 x 252 x 607	728
42NC335C-----	3.31 / 2.69	2.98	620 - 220	1200 x 252 x 607	802
42NC345C-----	2.93 / 2.39	4.73	620 - 220	1200 x 252 x 607	825
42NC435C-----	5.48 / 4.30	4.11	1.030 - 445	1400 x 252 x 607	897
42NC445C-----	4.91 / 4.08	5.72	1.030 - 445	1400 x 252 x 607	923
42NC535C-----	5.88 / 4.81	5.77	1.120 - 535	1600 x 252 x 607	1.022
42NC635C-----	8.15 / 6.04	9.15	1.250 - 680	1800 x 252 x 607	1.171
33TB_AC01	Kit Control Type B (230V) AC Motor (optional)				80,53

42NCV CONSOLE WITH CABINET - WITH CONTROL (SUPPORTING FEET - OPTIONAL)



42NC135CV-----	1.39 / 1.13	1.13	260 - 140	840 x 252 x 607 (+100)	788
42NC235CV-----	2.13 / 1.85	1.86	410 - 225	1000 x 252 x 607 (+100)	841
42NC245CV-----	1.91 / 1.74	3.42	410 - 225	1000 x 252 x 607 (+100)	862
42NC335CV-----	3.31 / 2.69	2.98	620 - 220	1200 x 252 x 607 (+100)	936
42NC345CV-----	2.93 / 2.39	4.73	620 - 220	1200 x 252 x 607 (+100)	959
42NC435CV-----	5.48 / 4.30	4.11	1.030 - 445	1400 x 252 x 607 (+100)	1.031
42NC445CV-----	4.91 / 4.08	5.72	1.030 - 445	1400 x 252 x 607 (+100)	1.057
42NC535CV-----	5.88 / 4.81	5.77	1.120 - 535	1600 x 252 x 607 (+100)	1.156
42NC635CV-----	8.15 / 6.04	9.15	1.250 - 680	1800 x 252 x 607 (+100)	1.305
4242933-CS	White color support feet for floor installation (optional)				184,07

Cooling mode:

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Heating mode:

- Entering air temperature 20°C
- Entering / leaving water temperature 65°C / 55°C

Prices without VAT

42ND / 42NC LEC MOTOR

2 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed V4-V1)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			

42ND CONCEALED TYPE (WITHOUT FEET) FOR HORIZONTAL OR VERTICAL INSTALLATION



42ND119F-----	1,04 / 0,99	1,53	265 - 165	652 x 245 x 556	629
42ND139F-----	1,39 / 1,13	1,88	265 - 165	652 x 245 x 556	655
42ND219F-----	1,76 / 1,69	2,50	415 - 230	812 x 245 x 556	659
42ND239F-----	2,14 / 1,80	2,69	410 - 225	812 x 245 x 556	689
42ND249F-----	2,42 / 1,96	2,96	410 - 225	812 x 245 x 556	695
42ND319F-----	2,72 / 2,15	3,41	645 - 230	1012 x 245 x 556	746
42ND329F-----	3,16 / 2,62	3,84	645 - 230	1012 x 245 x 556	754
42ND339F-----	3,51 / 2,70	4,28	620 - 220	1012 x 245 x 556	786
42ND439F-----	5,75 / 4,48	6,31	1.030 - 445	1212 x 245 x 556	854
42ND539F-----	6,15 / 4,84	6,95	1.120 - 535	1412 x 245 x 556	951
42ND649F-----	7,99 / 5,97	8,59	1.350 - 730	1612 x 245 x 556	1.062
33TC_EC01	Kit Control Type C (230V) LEC Motor (optional)				82,33

42NC CONSOLE / UNDERCEILING WITH CABINET - WITHOUT CONTROL



42NC119F-----	1,04 / 0,99	1,53	265 - 165	840 x 252 x 607	750
42NC139F-----	1,39 / 1,13	1,88	265 - 165	840 x 252 x 607	776
42NC219F-----	1,76 / 1,69	2,50	415 - 230	1000 x 252 x 607	787
42NC239F-----	2,14 / 1,80	2,69	410 - 225	1000 x 252 x 607	817
42NC249F-----	2,42 / 1,96	2,96	410 - 225	1000 x 252 x 607	823
42NC319F-----	2,72 / 2,15	3,41	645 - 230	1200 x 252 x 607	885
42NC329F-----	3,16 / 2,62	3,84	645 - 230	1200 x 252 x 607	893
42NC339F-----	3,51 / 2,70	4,28	620 - 220	1200 x 252 x 607	925
42NC439F-----	5,75 / 4,48	6,31	1.030 - 445	1400 x 252 x 607	1.009
42NC539F-----	6,15 / 4,84	6,95	1.120 - 535	1600 x 252 x 607	1.123
42NC649F-----	7,99 / 5,97	8,59	1.350 - 730	1800 x 252 x 607	1.246
33TC_EC01	Kit Control Type C (230V) LEC Motor (optional)				82,33

42NCV CONSOLE WITH CABINET - WITH CONTROL (SUPPORTING FEET - OPTIONAL)



42NC119FV-----	1,04 / 0,99	1,53	265 - 165	840 x 252 x 607(+100)	884
42NC139FV-----	1,39 / 1,13	1,88	265 - 165	840 x 252 x 607(+100)	910
42NC219FV-----	1,76 / 1,69	2,50	415 - 230	1000 x 252 x 607(+100)	921
42NC239FV-----	2,14 / 1,80	2,69	410 - 225	1000 x 252 x 607(+100)	951
42NC249FV-----	2,42 / 1,96	2,96	410 - 225	1000 x 252 x 607(+100)	957
42NC319FV-----	2,72 / 2,15	3,41	645 - 230	1200 x 252 x 607(+100)	1.019
42NC329FV-----	3,16 / 2,62	3,84	645 - 230	1200 x 252 x 607(+100)	1.027
42NC339FV-----	3,51 / 2,70	4,28	620 - 220	1200 x 252 x 607(+100)	1.059
42NC439FV-----	5,75 / 4,48	6,31	1.030 - 445	1400 x 252 x 607(+100)	1.143
42NC539FV-----	6,15 / 4,84	6,95	1.120 - 535	1600 x 252 x 607(+100)	1.257
42NC649FV-----	7,99 / 5,97	8,59	1.350 - 730	1800 x 252 x 607(+100)	1.380
7209243-CS	Change over sensor (mandatory to be ordered separately)				27,87
4242933-CS	Support feet with cover for floor installation (optional)				184,07

Cooling mode:

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Heating mode:

- Entering air temperature 20°C
- Entering / leaving water temperature 45°C / 40°C

Prices without VAT

42ND / 42NC LEC MOTOR

4 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed V4-V1)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			

42ND CONCEALED TYPE (WITHOUT FEET) FOR HORIZONTAL OR VERTICAL INSTALLATION



42ND139C-----	1.39 / 1.13	1.13	260 - 140	652 x 245 x 556	705
42ND239C-----	2.13 / 1.85	1.86	410 - 225	812 x 245 x 556	742
42ND249C-----	1.91 / 1.74	3.42	410 - 225	812 x 245 x 556	763
42ND339C-----	3.31 / 2.69	2.98	620 - 220	1012 x 245 x 556	846
42ND349C-----	2.93 / 2.39	4.73	620 - 220	1012 x 245 x 556	869
42ND439C-----	5.48 / 4.30	4.11	1.030 - 445	1.212 x 245 x 556	921
42ND449C-----	4.91 / 4.08	5.72	1.030 - 445	1.212 x 245 x 556	947
42ND539C-----	5.88 / 4.81	5.77	1.120 - 535	1.412 x 245 x 556	1.033
42ND639C-----	8.15 / 6.04	9.15	1.250 - 680	1.612 x 245 x 556	1.157
33TD_EC01	Kit Control Type D (230V) LEC Motor (optional)				91.3

42NC CONSOLE / UNDERCEILING WITH CABINET - WITHOUT CONTROL



42NC139C-----	1.39 / 1.13	1.13	260 - 140	840 x 252 x 607	826
42NC239C-----	2.13 / 1.85	1.86	410 - 225	1000 x 252 x 607	870
42NC249C-----	1.91 / 1.74	3.42	410 - 225	1000 x 252 x 607	891
42NC339C-----	3.31 / 2.69	2.98	620 - 220	1200 x 252 x 607	985
42NC349C-----	2.93 / 2.39	4.73	620 - 220	1200 x 252 x 607	1.008
42NC439C-----	5.48 / 4.30	4.11	1.030 - 445	1400 x 252 x 607	1.076
42NC449C-----	4.91 / 4.08	5.72	1.030 - 445	1400 x 252 x 607	1.102
42NC539C-----	5.88 / 4.81	5.77	1.120 - 535	1600 x 252 x 607	1.205
42NC639C-----	8.15 / 6.04	9.15	1.250 - 680	1800 x 252 x 607	1.341
33TD_EC01	Kit Control Type D (230V) LEC Motor (optional)				91.3

42NCV CONSOLE WITH CABINET - WITH CONTROL (SUPPORTING FEET - OPTIONAL)



42NC139CV-----	1.39 / 1.13	1.13	260 - 140	840 x 252 x 607 (+100)	960
42NC239CV-----	2.13 / 1.85	1.86	410 - 225	1000 x 252 x 607 (+100)	1.004
42NC249CV-----	1.91 / 1.74	3.42	410 - 225	1000 x 252 x 607 (+100)	1.025
42NC339CV-----	3.31 / 2.69	2.98	620 - 220	1200 x 252 x 607 (+100)	1.119
42NC349CV-----	2.93 / 2.39	4.73	620 - 220	1200 x 252 x 607 (+100)	1.142
42NC439CV-----	5.48 / 4.30	4.11	1.030 - 445	1400 x 252 x 607 (+100)	1.210
42NC449CV-----	4.91 / 4.08	5.72	1.030 - 445	1400 x 252 x 607 (+100)	1.236
42NC539CV-----	5.88 / 4.81	5.77	1.120 - 535	1600 x 252 x 607 (+100)	1.339
42NC639CV-----	8.15 / 6.04	9.15	1.250 - 680	1800 x 252 x 607 (+100)	1.475
7242933-CS	Support feet with cover for floor installation (optional)				184,07

Cooling mode:

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

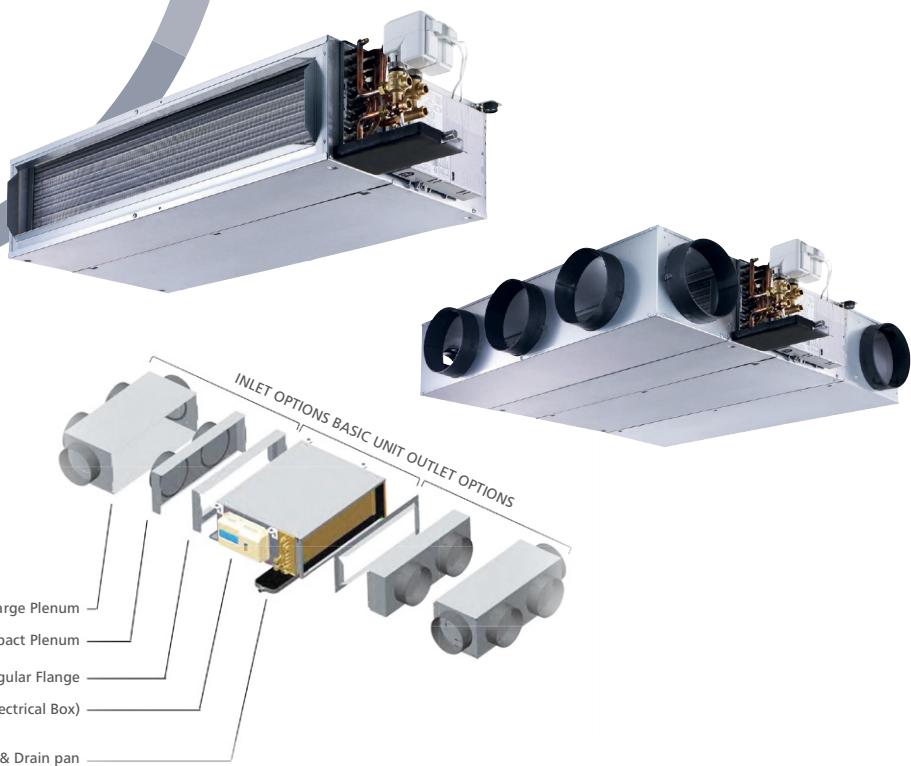
Heating mode:

- Entering air temperature 20°C
- Entering / leaving water temperature 65°C / 55°C

Prices without VAT

HYDRONIC DUCTED FAN COIL UNIT

42NL / 42NH



Compact ducted unit, designed for false ceiling installation. Reliable and economical for light commercial and office applications.

- ✓ The Carrier 42NH and 42NL are available in different sizes with 2-pipe, 2-pipe plus electric heater or 4-pipe coils, with an air flow range from 100 to 2300 m³/h, a total cooling capacity range from 0.6 kW to 12 kW and a nominal heating capacity range from 0.8 kW to 17 kW
- ✓ Compact and modular ducted unit, designed for any false ceiling installation
- ✓ Reliable and economical for tertiary building as hotel guest rooms, offices or light commercial applications
- ✓ Low height of 235 mm (sizes 2/3/4/5) and 285 mm (sizes 6/7)
- ✓ Compatible with the Carrier diffuser ranges
- ✓ Extremely low sound levels for ducted applications
- ✓ Five- to Six- speed fan AC motors offers a wide choice of medium speeds
- ✓ Available with Low Energy Consumption variable-speed EC motor
- ✓ High-pressure centrifugal fan for 42NH Range
- ✓ G1 filter as standard
- ✓ Safe factory installed electric heater with multiple capacity stages choices
- ✓ Low water pressure drops with factory installed valves
- ✓ Factory installed options (valves and controllers) for fast and easy installation in false ceilings.



42NL AC MOTOR

2 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed V4-V1)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			
42NL / CONCEALED TYPE FOR HORIZONTAL INSTALLATION MEDIUM STATIC PRESSURE					
42NL2256E-----	2.22 / 1.88	3.23	497 - 214	680 x 520 x 235	552
42NL2356E-----	2.71 / 2.19	3.78	497 - 214	680 x 520 x 235	584
42NL3256E-----	2.43 / 2.16	3.71	606 - 302	850 x 520 x 235	613
42NL3356E-----	3.26 / 2.66	4.67	606 - 302	850 x 520 x 235	639
42NL4256E-----	4.43 / 3.86	6.91	1.085 - 464	1.050 x 520 x 235	697
42NL4356E-----	5.76 / 4.70	8.80	1.085 - 464	1.050 x 520 x 235	733
42NL5256E-----	5.18 / 4.52	7.80	1.291 - 540	1.250 x 520 x 235	902
42NL5356E-----	6.49 / 5.37	9.61	1.291 - 540	1.250 x 520 x 235	963
33TA_AC01	Kit Control Type A (230V) AC Motor (optional)				62.93



42NL AC MOTOR

4 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed V4-V1)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			
42NL / CONCEALED TYPE FOR HORIZONTAL INSTALLATION MEDIUM STATIC PRESSURE					
42NL235DE-----	1.99 / 1.77	3.34	497 - 214	680 x 520 x 235	666
42NL335DE-----	2.99 / 2.46	4.32	606 - 302	850 x 520 x 235	702
42NL435DE-----	4.72 / 4.07	7.46	1.085 - 464	1.050 x 520 x 235	804
42NL535DE-----	5.29 / 4.55	6.14	1.291 - 540	1.250 x 520 x 235	1.063
42NL545DE-----	6.16 / 5.18	7.54	1.291 - 540	1.250 x 520 x 235	1.080
33TB_AC01	Kit Control Type B (230V) AC Motor (optional)				80.53



Cooling mode (2-pipe and 4-pipe coil):

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Prices without VAT

Heating mode (2-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 50°C / 45°C

Heating mode (4-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 70°C / 60°C

42NL LEC MOTOR

2 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed V4-V1)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			
42NL / CONCEALED TYPE FOR HORIZONTAL INSTALLATION MEDIUM STATIC PRESSURE					
42NL229E-----	1.85 / 1.52	2,64	368 - 153	680 x 520 x 235	724
42NL239E-----	2.19 / 1.73	3,00	368 - 153	680 x 520 x 235	756
42NL329E-----	2.40 / 2.13	3,67	594 - 198	850 x 520 x 235	765
42NL339E-----	3.22 / 2,62	4,61	594 - 198	850 x 520 x 235	791
42NL429E-----	3.74 / 3,17	5,65	814 - 240	1.050 x 520 x 235	843
42NL439E-----	4,66 / 3,71	6,84	814 - 240	1.050 x 520 x 235	879
42NL529E-----	4.13 / 3,51	6,25	918 - 295	1.250 x 520 x 235	1.104
42NL539E-----	5.14 / 4,12	7,55	918 - 295	1.250 x 520 x 235	1.165
33TC_EC01	Kit Control Type C (230V) LEC Motor (optional)				82,33

42NL LEC MOTOR

4 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed V4-V1)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			
42NL / CONCEALED TYPE FOR HORIZONTAL INSTALLATION MEDIUM STATIC PRESSURE					
42NL239DE-----	1.63 / 1,42	2,82	368 - 153	680 x 520 x 235	838
42NL339DE-----	2,95 / 2,43	4,27	594 - 198	850 x 520 x 235	854
42NL439DE-----	3,91 / 3,28	6,10	814 - 240	1.050 x 520 x 235	950
42NL539DE-----	4,23 / 3,54	5,05	918 - 295	1.250 x 520 x 235	1.265
42NL549DE-----	4,76 / 3,91	6,31	918 - 295	1.250 x 520 x 235	1.282
33TD_EC01	Kit Control Type D (230V) LEC Motor (optional)				91,3

Cooling mode (2-pipe and 4-pipe coil):

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Heating mode (2-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 50°C / 45°C

Heating mode (4-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 70°C / 60°C

Prices without VAT

42NH AC MOTOR

2 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			
42NH / CONCEALED TYPE FOR HORIZONTAL INSTALLATION HIGH STATIC PRESSURE					
42NH225E-----	1.47 / 1,19	2,07	272 - 111	680 x 520 x 235	638
42NH235E-----	1.71 / 1,32	2,31	272 - 111	680 x 520 x 235	670
42NH325E-----	2,35 / 2,09	3,61	577 - 197	850 x 520 x 235	740
42NH335E-----	3,14 / 2,56	4,51	577 - 197	850 x 520 x 235	766
42NH425E-----	3,50 / 2,94	5,23	739 - 375	1.050 x 520 x 235	884
42NH435E-----	4,30 / 3,41	6,25	739 - 375	1.050 x 520 x 235	920
42NH525E-----	4,40 / 3,76	6,66	1.004 - 767	1.250 x 520 x 235	977
42NH535E-----	5,50 / 4,44	8,11	1.004 - 767	1.250 x 520 x 235	1.038
42NH635E-----	8,77 / 7,36	13,40	1.796 - 720	1.250 x 575 x 285	1.214
42NH645E-----	10,28 / 8,23	14,75	1.796 - 720	1.250 x 575 x 285	1.294
42NH735E-----	11,14 / 9,09	16,15	2.161 - 534	1.550 x 575 x 285	1.547
42NH745E-----	12,65 / 9,97	17,52	2.161 - 534	1.550 x 575 x 285	1.647
33TA_AC01	Kit Control Type A (230V) AC Motor (optional)				62,93



42NH AC MOTOR

4 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			
42NH / CONCEALED TYPE FOR HORIZONTAL INSTALLATION HIGH STATIC PRESSURE					
42NH235DE-----	1.29 / 1,10	2,27	272 - 111	680 x 520 x 235	754
42NH335DE-----	2,89 / 2,38	4,21	577 - 197	850 x 520 x 235	829
42NH435DE-----	3,64 / 3,04	5,64	739 - 375	1.050 x 520 x 235	991
42NH535DE-----	4,50 / 3,79	5,34	1.004 - 767	1.250 x 520 x 235	1.138
42NH545DE-----	5,12 / 4,22	6,67	1.004 - 767	1.250 x 520 x 235	1.302
42NH645DE-----	7,82 / 6,80	10,17	1.796 - 720	1.250 x 575 x 285	1.380
42NH735DE-----	9,36 / 7,99	13,87	2.161 - 534	1.550 x 575 x 285	1.633
42NH745DE-----	11,56 / 9,33	16,91	2.161 - 534	1.550 x 575 x 285	1.733
33TB_AC01	Kit Control Type B (230V) AC Motor (optional)				80,53



Cooling mode (2-pipe and 4-pipe coil):

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Heating mode (2-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 50°C / 45°C

Heating mode (4-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 70°C / 60°C

Prices without VAT

42NH LEC MOTOR

2 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			
42NH / CONCEALED TYPE FOR HORIZONTAL INSTALLATION HIGH STATIC PRESSURE					
42NH229GE-----	1.56 / 1.26	2,20	292 - 95	680 x 520 x 235	781
42NH239GE-----	1.82 / 1.41	2,46	292 - 95	680 x 520 x 235	813
42NH279GE-----	2.52 / 2.02	3,49	446 - 118	680 x 520 x 235	836
42NH329GE-----	2.70 / 2.44	4,09	714 - 247	850 x 520 x 235	908
42NH339GE-----	3.68 / 3.03	5,21	709 - 245	850 x 520 x 235	934
42NH429GE-----	3.79 / 3.22	5,75	832 - 293	1.050 x 520 x 235	958
42NH439GE-----	4,74 / 3.78	6,97	832 - 293	1.050 x 520 x 235	994
42NH529GE-----	5,08 / 4,42	7,65	1.249 - 346	1.250 x 520 x 235	1.125
42NH539GE-----	6,35 / 5,24	9,42	1.249 - 346	1.250 x 520 x 235	1.186
42NH639GE-----	7,45 / 6,08	11,11	1.400 - 368	1.250 x 575 x 285	1.354
42NH649GE-----	9,29 / 7,29	13,15	1.531 - 399	1.250 x 575 x 285	1.434
42NH739GE-----	10,26 / 8,27	14,54	1.906 - 530	1.550 x 575 x 285	1.584
42NH749GE-----	11,61 / 9,04	15,72	1.906 - 530	1.550 x 575 x 285	1.684
33TC_EC01	Kit Control Type C (230V) LEC Motor (optional)				82,33



42NH LEC MOTOR

4 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (TOTAL / SENSIBLE)	HEATING			
42NH / CONCEALED TYPE FOR HORIZONTAL INSTALLATION HIGH STATIC PRESSURE					
42NH239DE-----	1.37 / 1.17	2,40	292 - 95	680 x 520 x 235	897
42NH279DE-----	1.89 / 1.68	3,21	446 - 118	680 x 520 x 235	920
42NH339DE-----	3.31 / 2.77	4,71	709 - 245	850 x 520 x 235	997
42NH439DE-----	3,96 / 3,33	6,21	832 - 293	1.050 x 520 x 235	1.065
42NH539DE-----	5,19 / 4,45	6,04	1.249 - 346	1.250 x 520 x 235	1.286
42NH549DE-----	6,02 / 5,04	7,44	1.249 - 346	1.250 x 520 x 235	1.450
42NH649DE-----	6,78 / 5,72	9,18	1.531 - 399	1.250 x 575 x 285	1.520
42NH739DE-----	8,57 / 7,25	12,70	1.906 - 530	1.550 x 575 x 285	1.670
42NH749DE-----	10,76 / 8,56	15,63	1.906 - 530	1.550 x 575 x 285	1.770
33TD_EC01	Kit Control Type D (230V) LEC Motor (optional)				91,3



Cooling mode (2-pipe and 4-pipe coil):

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Heating mode (2-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 50°C / 45°C

Heating mode (4-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 70°C / 60°C

Prices without VAT



For all commercial and residential applications. Reliable and economic solution!

The Carrier 42CT is available in different sizes with 2-pipe or 4-pipe coils, with an air flow range from 222 m³/h to 2660 m³/h, a total cooling capacity range from 1.2 kW to 14.5 kW and a heating capacity range from 1.6 kW to 16.2 kW.

- ✓ Ductable fan coil units for horizontal concealed ceiling applications
- ✓ Reliable and economical solution for buildings, hotels, hospitals, offices or any other required commercial or residential applications
- ✓ Compact design with hydrophilic blue fin coil
- ✓ Low height for all sizes with rear plenum
- ✓ 3-speed AC fan motors for the right amount of conditioned air
- ✓ Washable standard filters with easy access
- ✓ Standard supply flange
- ✓ Standard rear plenum
- ✓ Optional extra extended drain pan with stainless steel alternative
- ✓ Optional ISO Coarse %40 filter
- ✓ Factory installed electrical box
- ✓ Certified performance
- ✓ User friendly cloud base selection software for quick selections



42CT AC MOTOR

2 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (SENSIBLE / TOTAL)	HEATING			
FCU DUCTED WITHOUT CONTROL, WITHOUT VALVES, WITH REAR PLENUM AND 3 ROW COIL					
42CT0230S1SPRR1LN0	1,87 / 2,49	3,03	480 – 222	703 x 536 x 249	360,18
42CT0330S1SPRR1LN0	2,90 / 4,05	4,62	750 – 377	843 x 536 x 249	407,99
42CT0430S1SPRR1LN0	3,25 / 4,37	5,10	836 – 468	923 x 536 x 249	425,61
42CT0530S1SPRR1LN0	4,38 / 5,63	6,42	1.072 – 584	1.003 x 536 x 249	448,72
42CT0630S1SPRR1LN0	5,06 / 6,17	7,09	1.176 – 604	1.163 x 536 x 249	485,06
42CT0830S1SPRR1LN0	7,46 / 9,15	10,54	1.750 – 862	1.483 x 536 x 249	717,65
42CT1030S1SPRR1LN0	8,36 / 10,20	11,75	1.992 – 1067	1.533 x 536 x 249	745,14
42CT1230S1SPRR1LN0	10,39 / 12,59	14,53	2.521 – 1.500	1.733 x 536 x 249	786,06
42CT1430S1SPRR1LN0	11,08 / 13,50	15,70	2.683 – 1.411	2.103 x 536 x 249	831,45

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (SENSIBLE / TOTAL)	HEATING			
FCU DUCTED WITHOUT CONTROL, WITHOUT VALVES, WITH REAR PLENUM AND 4 ROW COIL					
42CT0240S1SPRR1LN0	1,88 / 2,55	3,08	459 – 225	703 x 536 x 249	379,67
42CT0340S1SPRR1LN0	2,93 / 4,10	4,60	699 – 367	843 x 536 x 249	428,32
42CT0440S1SPRR1LN0	3,40 / 4,69	5,36	831 – 465	923 x 536 x 249	451,08
42CT0540S1SPRR1LN0	4,49 – 5,83	6,70	1.062 – 583	1.003 x 536 x 249	481,39
42CT0640S1SPRR1LN0	5,21 / 6,44	7,41	1.164 – 608	1.163 x 536 x 249	519,22
42CT0840S1SPRR1LN0	7,59 / 9,56	10,67	1.660 – 850	1.483 x 536 x 249	758,53
42CT1040S1SPRR1LN0	8,39 / 10,55	11,76	1.854 – 1.064	1.533 x 536 x 249	787,43
42CT1240S1SPRR1LN0	10,42 / 12,95	14,30	2.357 – 1.469	1.733 x 536 x 249	829,99
42CT1440S1SPRR1LN0	11,61 / 14,54	16,20	2.660 – 1.415	2.103 x 536 x 249	876,68

Prices without VAT

Cooling mode (2-pipe coil):

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Heating mode (2-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 45°C / 40°C

Heating mode (4-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 65°C / 60°C

42CT AC MOTOR

4 pipe types

CODE	CAPACITY (kW)		AIR FLOW m ³ /h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)	
	COOLING (SENSIBLE / TOTAL)	HEATING				
FCU DUCTED WITHOUT CONTROL, WITHOUT VALVES, WITH REAR PLENUM AND 3 + 1 ROW COIL						
42CT0231S1SPRR1LN0	2,52 / 2,52	3,04	461 - 227	703 x 536 x 249	398,40	
42CT0331S1SPRR1LN0	2,97 / 3,64	4,46	696 - 375	843 x 536 x 249	446,56	
42CT0431S1SPRR1LN0	3,30 / 3,97	5,03	790 - 465	923 x 536 x 249	467,41	
42CT0531S1SPRR1LN0	4,30 / 5,21	6,33	1.037 - 582	1.003 x 536 x 249	491,93	
	42CT0631S1SPRR1LN0	4,58 / 5,55	6,77	1.095 - 594	1.163 x 536 x 249	534,45
	42CT0831S1SPRR1LN0	7,36 / 8,55	10,23	1.680 - 847	1.483 x 536 x 249	775,41
	42CT1031S1SPRR1LN0	8,22 / 9,50	10,90	1.906 - 1.070	1.533 x 536 x 249	804,31
	42CT1231S1SPRR1LN0	9,69 / 11,22	12,89	2.254 - 1.464	1.733 x 536 x 249	849,79
	42CT1431S1SPRR1LN0	10,73 / 12,49	14,25	2.439 - 1.380	2.103 x 536 x 249	900,06

Prices without VAT

Cooling mode (2-pipe coil):

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Heating mode (2-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 45°C / 40°C

Heating mode (4-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 65°C / 60°C

HYDRONIC TERMINAL UNITS' CARRIER

42WM HI WALL



The 42WM is an hydraulic high wall fan coil available in 2 models and 4 sizes.

The modern and appealing design of the unit in RAL 9003 colour allows the use in any environment.

- ✓ 2 models and 4 sizes
- ✓ Cooling capacity from 1.2 kW to 3.8kW
- ✓ 2 versions :
 - 2 pipe system heating or cooling
 - 2 pipe and electrical heater cooling and/or heating + electrical heater

Electric motor

- ✓ AC version
 - For single phase power supply and has six speeds, three of which are connected, with capacitor
 - Fitted on sealed for life bearings and is secured on anti-vibration and self-lubricating mountings
 - Internal thermal protection with automatic reset, protection IP20, class B
- ✓ EC version
 - Electronic motor with permanent magnet brushless that is controlled with reconstructed current according to a BLAC sinusoidal wave



42WM AC MOTOR

2 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (SENSIBLE/TOTAL)	HEATING			

FCU HI WALL WITH INFRA-RED REMOTE CONTROL WITH 3-WAY VALVES

	42WM100CTH-A-	1.44 / 1.85	2.18	500 - 205	880 x 212 x 322	1.165
	42WM200CTH-A-	1.73 / 2.16	2.62	545 - 250	880 x 212 x 322	1.204
	42WM300CTH-A-	2.24 / 3.00	3.23	780 - 280	1185 x 212 x 322	1.276
	42WM400CTH-A-	2.93 / 3.76	4.28	790 - 300	1185 x 212 x 322	1.319

FCU HI WALL WITH INFRA-RED REMOTE CONTROL WITHOUT VALVES

	42WM100CT----*	1.44 / 1.85	2.18	500 - 205	880 x 212 x 322	1.021
	42WM200CT----*	1.73 / 2.16	2.62	545 - 250	880 x 212 x 322	1.060
	42WM300CT----*	2.24 / 3.00	3.23	780 - 280	1185 x 212 x 322	1.128
	42WM400CT----*	2.93 / 3.76	4.28	790 - 300	1185 x 212 x 322	1.171

42WM EC MOTEP

2 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (SENSIBLE/TOTAL)	HEATING			

FCU HI WALL WITH INFRA-RED REMOTE CONTROL WITH 3-WAY VALVES

	42WM109CTH-A-*	1.44 / 1.85	2.18	500 - 205	880 x 212 x 322	1.381
	42WM209CTH-A-*	1.73 / 2.16	2.62	545 - 250	880 x 212 x 322	1.420
	42WM309CTH-A-*	2.24 / 3.00	3.23	780 - 280	1185 x 212 x 322	1.492
	42WM409CTH-A-*	2.93 / 3.76	4.28	790 - 300	1185 x 212 x 322	1.535

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price (€)
	COOLING (SENSIBLE/TOTAL)	HEATING			

FCU HI WALL WITH INFRA-RED REMOTE CONTROL WITHOUT VALVES

	42WM109CT----*	1.44 / 1.85	2.18	500 - 205	880 x 212 x 322	1.237
	42WM209CT----*	1.73 / 2.16	2.62	545 - 250	880 x 212 x 322	1.276
	42WM309CT----*	2.24 / 3.00	3.23	780 - 280	1185 x 212 x 322	1.344
	42WM409CT----*	2.93 / 3.76	4.28	790 - 300	1185 x 212 x 322	1.387

Cooling mode (2-pipe coil):

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Prices without VAT

Heating mode (2-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 45°C / 40°C

*Models available on special order

ACCESSORIES FOR

42WM

CODE	Description	Price (€)
9025319	KIT DRAIN PUMP (FITTED ON THE UNIT)	307
9025309	DRAIN PUMP	292
9025311W	2 WAY VALVE FV2S (SIZE 10/20)	122
9025313W	2 WAY VALVE FV2S (SIZE 30/40)	125
9025321W	3 WAY VALVE FV3S (SIZE 10/20)	130
9025323W	3 WAY VALVE FV3S (SIZE 30/40)	134
9025191	WALL OR CONCEALED INSTALLATION KIT (SIZE 10/20)	274
9025193	WALL OR CONCEALED INSTALLATION KIT (SIZE 30/40)	302
3021274	COMMUNICATION BOARD MODBUS	62

Prices without VAT

HYDRONIC TERMINAL UNITS' CARRIER
42GW / 42GW-LEC
CASSETTE

IDROFAN
IDROFAN



Air Treatment Solution

The Idrofan 42GW offers a wide range of options dedicated to performance and to providing solutions finely adapted to your needs.

Energy consumption is reduced by 50 to 70 percent through variable speed LEC motors which continuously adjust the power providing an airflow adapted to the space. The switch to lower power modes results in a reduction in energy consumption.

- ✓ The Carrier hydronic cassette is available in twelve sizes suitable for a wide range of applications, with air flows from 100 to 443 l/s. The Idrofan cassette offers an ultra-low-noise solution for applications where a low noise level is the most important selection parameter
- ✓ The low-profile 42GW is light and easy to install. The small chassis fits neatly with standard ceiling tiles and is simple to install wherever it is needed
- ✓ Four-way air distribution for individual comfort or localised control
- ✓ Integrated, factory-mounted cooling and heating coils, two-pipe or two-pipe with electric heater, and four-pipe applications
- ✓ The elegant air inlet grille blends aesthetically with any room décor
- ✓ The 42GW_AC is available with a new-generation three speed AC motor. The 42GW_LEC is available with a variable-speed Low Energy Consumption EC motor



42GW AC MOTOR

2 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price/item (€)	Price Set with grille (€)
	COOLING (TOTAL / SENSIBLE)	HEATING				

4 WAY CASSETTE



42GW200C-----	2,33 / 1,95	2,74	660 - 360	569 x 569 x 298	886	1.086
42GW300C-----	3,96 / 3,01	3,68	735 - 320	569 x 569 x 298	967	1.167
42GW400C-----	4,64 / 3,57	5,28	900 - 485	569 x 569 x 298	1.014	1.214
42GW500C-----	6,03 / 4,68	6,84	980 - 530	822 x 822 x 302	1.364	1.653
42GW600C-----	7,13 / 5,37	8,51	1.160 - 500	822 x 822 x 302	1.470	1.759
42GW701C-----	8,54 / 6,40	10,28	1.450 - 600	822 x 822 x 302	1.591	1.880
42GW9001	4 way grille for models 200-300-400			720 x 720 x 36	200	
42GW9002	4 way grille for models 500-600-701			960 x 960 x 37	289	
33TA_AC01	Kit Control Type A (230V) AC Motor (optional)				62,93	

42GW AC MOTOR

4 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price/item (€)	Price Set with grille (€)
	COOLING (TOTAL / SENSIBLE)	HEATING				

4 WAY CASSETTE



42GW200D-----	1,97 / 1,84	1,67	660 - 360	569 x 569 x 298	929	1.129
42GW300D-----	3,34 / 2,62	5,46	735 - 320	569 x 569 x 298	1.159	1.359
42GW400D-----	3,95 / 3,25	5,80	900 - 485	569 x 569 x 298	1.206	1.406
42GW600D-----	6,58 / 5,08	10,04	1.160 - 500	822 x 822 x 302	1.596	1.885
42GW701D-----	7,49 / 5,89	12,77	1.450 - 600	822 x 822 x 302	1.717	2.006
42GW9001	4 way grille for models 200-300-400			720 x 720 x 36	200	
42GW9002	4 way grille for models 600-701			960 x 960 x 37	289	
33TB_AC01	Kit Control Type B (230V) AC Motor (optional)				80,53	

Prices without VAT

Cooling mode (2-pipe and 4-pipe coil):

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Heating mode (2-pipe coil):

- Entering air temperature 20°C

- Entering / leaving water temperature 50°C / 45°C

Heating mode (4-pipe coil):

- Entering air temperature 20°C

- Entering / leaving water temperature 70°C / 60°C

42GW LEC MOTOR

2 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price/item (€)	Price Set with grille (€)
	COOLING (TOTAL / SENSIBLE)	HEATING				
4 WAY CASSETTE						
42GW209C-----	2,36 / 1,98	2,74	660 - 360	569 x 569 x 298	1.118	1.318
42GW309C-----	3,98 / 3,04	3,68	735 - 320	569 x 569 x 298	1.188	1.388
42GW409C-----	4,68 / 3,61	5,28	900 - 485	569 x 569 x 298	1.239	1.439
42GW509C-----	6,08 / 4,72	6,84	980 - 530	822 x 822 x 302	1.591	1.880
42GW609C-----	7,19 / 5,43	8,51	1.160 - 500	822 x 822 x 302	1.693	1.982
42GW709C-----	9,55 / 7,16	11,03	1.600 - 600	822 x 822 x 302	1.818	2.107
42GW9001	4 way grille for models 209-309-409			720 x 720 x 36	200	
42GW9002	4 way grille for models 509-609-709			960 x 960 x 37	289	
33TC_EC01	Kit Control Type C (230V) LEC Motor (optional)				82,33	

42GW LEC MOTOR

4 pipe types

CODE	CAPACITY (kW)		AIR FLOW m³/h (Speed Max-Min)	DIMENSIONS W x D x H (mm)	Price/item (€)	Price Set with grille (€)
	COOLING (TOTAL / SENSIBLE)	HEATING				
4 WAY CASSETTE						
42GW209D-----	1,97 / 1,84	1,67	660 - 360	569 x 569 x 298	1.161	1.361
42GW309D-----	3,34 / 2,62	5,46	735 - 320	569 x 569 x 298	1.381	1.581
42GW409D-----	3,95 / 3,25	5,80	900 - 485	569 x 569 x 298	1.432	1.632
42GW609D-----	6,58 / 5,08	10,04	1.160 - 500	822 x 822 x 302	1.819	2.108
42GW709D-----	7,49 / 5,89	13,99	1.600 - 600	822 x 822 x 302	1.944	2.233
42GW9001	4 way grille for models 209-309-409			720 x 720 x 36	200	
42GW9002	4 way grille for models 609-709			960 x 960 x 37	289	
33TD_EC01	Kit Control Type D (230V) LEC Motor (optional)				91,3	

Prices without VAT

Cooling mode (2-pipe and 4-pipe coil):

- Entering air temperature 27°C DB / 19°C WB
- Entering / leaving water temperature 7°C / 12°C

Heating mode (2-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 50°C / 45°C

Heating mode (4-pipe coil):

- Entering air temperature 20°C
- Entering / leaving water temperature 70°C / 60°C

ACCESSORIES FROM ERCD FOR HYDRONIC TERMINALS

Code	Description	Price (€)
33TA-AC01	KIT CONTROL TYPE A (230V) AC MOTOR	62,93
33TB-AC01	KIT CONTROL TYPE B (230V) AC MOTOR	80,53
33TC-EC01	KIT CONTROL TYPE C (230V) EC MOTOR	82,33
33TD-EC01	KIT CONTROL TYPE D (230V) EC MOTOR	91,30
42N9004	Cold draft prevention	37,20
42N9005	Automatic changeover switch	72,78
42N9083	Air sensor with 15 mt cable	98,24
42N9084	Water sensor kit with 15 mt cable	83,54
42N9108	Control Board for Grouping	123,10

ACCESSORIES FROM ERCD FOR HYDRONIC TERMINALS TYPE 42NC / 42ND

Code	Description	Price (€)
7434830-CS	THERMOSTAT Type 33TZ	432,15
7245718-CS	Kit 2 ways valve 230V ON/OFF - 1/2" (2 pipes)	105,37
7245719-CS	Kit 4 ways valve 230V ON/OFF - 1/2" (2 pipes)	128,63
7245720-CS	Kit 2 ways valve 230V ON/OFF - 3/4" (2 pipes)	120,63
7245721-CS	Kit 4 ways valve 230V ON/OFF - 3/4" (2 pipes)	156,17
7245722-CS	Kit 2 x 2 ways valve 230V ON/OFF - 1/2" (4 pipes)	210,17
7245723-CS	Kit 2 x 4 ways valve 230V ON/OFF - 1/2" (4 pipes)	255,87
7245724-CS	Kit 2 ways valve 230V ON/OFF - 1/2" & 2 ways valve 230V ON/OFF - 3/4" (4 pipes)	227,03
7245725-CS	Kit 4 ways valve 230V ON/OFF - 1/2" & 4 ways valve 230V ON/OFF - 3/4" (4 pipes)	283,67
7548363	kit drain pump - all sizes	291,55
7203409	Left auxillary drain pan	10,90
7203410	Right auxillary drain pan	13,51

Prices without VAT

ACCESSORIES FROM ERCD FOR

HYDRONIC TERMINALS TYPE 42NC/42ND

Code	Description		Price (€)
7209243-CS	Change over sensor	All sizes	27,87
7242933-CS	White color support feet for floor installation	All sizes	184,07
7242932-CS	Supporting feet	All sizes	36,04
7580418-CS	Cabinet for concealed unit 42ND	For size 1	196,00
7580419-CS	Cabinet for concealed unit 42ND	For size 2	205,70
7580420-CS	Cabinet for concealed unit 42ND	For size 3	178,40
7580421-CS	Cabinet for concealed unit 42ND	For size 4	250,83
7580422-CS	Cabinet for concealed unit 42ND	For size 5	286,80
7580423-CS	Cabinet for concealed unit 42ND	For size 6	309,30
7242935-CS	Bottom grille for indoor air return (mandatory to have the feet)	For size 1	75,95
7242936-CS	Bottom grille for indoor air return (mandatory to have the feet)	For size 2	86,24
7242937-CS	Bottom grille for indoor air return (mandatory to have the feet)	For size 3	104,26
7242938-CS	Bottom grille for indoor air return (mandatory to have the feet)	For size 4	121,00
7242939-CS	Bottom grille for indoor air return (mandatory to have the feet)	For size 5	136,44
7242940-CS	Bottom grille for indoor air return (mandatory to have the feet)	For size 6	148,03
7242926-CS	Wall bracket, RAL 7035 (light grey), for 70 mm skirting	For size 1	166,12
7242927-CS	Wall bracket, RAL 7035 (light grey), for 70 mm skirting	For size 2	198,40
7242928-CS	Wall bracket, RAL 7035 (light grey), for 70 mm skirting	For size 3	216,03
7242929-CS	Wall bracket, RAL 7035 (light grey), for 70 mm skirting	For size 4	230,81
7242930-CS	Wall bracket, RAL 7035 (light grey), for 70 mm skirting	For size 5	260,80
7242931-CS	Wall bracket, RAL 7035 (light grey), for 70 mm skirting	For size 6	242,23
7262703-CS	Back panel, RAL 7035 (light grey), for placing the unit against a picture window	For size 1	80,00
7262704-CS	Back panel, RAL 7035 (light grey), for placing the unit against a picture window	For size 2	87,50
7262705-CS	Back panel, RAL 7035 (light grey), for placing the unit against a picture window	For size 3	101,17
7262706-CS	Back panel, RAL 7035 (light grey), for placing the unit against a picture window	For size 4	110,27
7262707-CS	Back panel, RAL 7035 (light grey), for placing the unit against a picture window	For size 5	123,73
7262708-CS	Back panel, RAL 7035 (light grey), for placing the unit against a picture window	For size 6	133,07

Prices without VAT

ACCESSORIES FROM ERCD FOR

HYDRONIC TERMINALS TYPE 42NC/42ND

Code	Description		Price (€)
7512282-CS	Kit Supply plenum with spigots 1x Ø 200 mm	For size 1	128,86
7512283-CS	Kit Supply plenum with spigots 1x Ø 160 mm	For size 1	128,86
7512284-CS	Kit Supply plenum with spigots 1x Ø 200 mm	For size 2	138,61
7512285-CS	Kit Supply plenum with spigots 1x Ø 160 mm	For size 2	138,61
7512286-CS	Kit Supply plenum with spigots 2x Ø 200 mm	For size 3	168,61
7512287-CS	Kit Supply plenum with spigots 2x Ø 160 mm	For size 3	168,61
7512288-CS	Kit Supply plenum with spigots 3x Ø 200 mm	For size 4	207,18
7512289-CS	Kit Supply plenum with spigots 3x Ø 160 mm	For size 4	207,18
7243490-CS	Kit Supply plenum with spigots 3x Ø 160 mm	For size 5	322,77
7242995-CS	Kit Supply plenum with spigots 3x Ø 200 mm	For size 5	245,85
7242996-CS	Kit Supply plenum with spigots 3x Ø 200 mm	For size 6	279,31
0219453-CS	unit mounting rubber brackets (4 required per unit)	All sizes	2,92
7256897-CS	Single deflection grill with sealing frame	For size 1	72,96
7256898-CS	Single deflection grill with sealing frame	For size 2	90,57
7256899-CS	Single deflection grill with sealing frame	For size 3	116,25
7256900-CS	Single deflection grill with sealing frame	For size 4	143,25
7256901-CS	Single deflection grill with sealing frame	For size 5	178,39
7256902-CS	Single deflection grill with sealing frame	For size 6	204,07
7242942-CS	Double deflection grill with sealing frame for horizontal concealed	For size 1	104,07
7242943-CS	Double deflection grill with sealing frame for horizontal concealed	For size 2	128,39
7242944-CS	Double deflection grill with sealing frame for horizontal concealed	For size 3	166,25
7242945-CS	Double deflection grill with sealing frame for horizontal concealed	For size 4	198,68
7242946-CS	Double deflection grill with sealing frame for horizontal concealed	For size 5	243,25
7242947-CS	Double deflection grill with sealing frame for horizontal concealed	For size 6	279,75

Prices without VAT

ACCESSORIES FROM ERCD FOR

HYDRONIC TERMINALS TYPE 42NL/42NH

Code	Description	Price (€)
42NH9001-	3-WAY VALVE KIT 3/4 " 2 PIPES	122,80
42NH9002-	3-WAY VALVE KIT 3/4 " 4 PIPES	260,03
42NH9003-	3-WAY VALVE KIT 3/4 " 2 PIPES	124,87
42NH9004-	3-WAY VALVE KIT 3/4 " 4 PIPES	276,63
42NH9005-	2-WAY VALVE KIT 3/4 " 2 PIPES	108,03
42NH9006-	2-WAY VALVE KIT 3/4 " 4 PIPES	221,43
42NH9007-	2-WAY VALVE KIT 3/4 " 2 PIPES	122,10
42NH9008-	2-WAY VALVE KIT 3/4 " 4 PIPES	244,63
42NH9009	KIT MOTORIZED VALVE1/2(3W-2P)230V	115,37
42NH9010	KIT MOTORIZED VALVE1/2(3W-4P)230V	201,33
42NH9011	KIT MOTORIZED VALVE1/2 (3W-2P)230V	109,33
42NH9012	KIT MOTORIZED VALVE1/2(3W-4P)230V	188,97
42NH9013	KIT MOTORIZED VALVE1/2 (2W-2P)230V	94,63
42NH9014	KIT MOTORIZED VALVE1/2 (2W-4P)230V	204,15
42NH9015	KIT MOTORIZED VALVE1/2(2W-2P)230V	90,10
42NH9016	KIT MOTORIZED VALVE1/2(2W-4P)230V	153,07

ACCESSORIES FROM ERCD FOR

HYDRONIC TERMINALS TYPE 42GW

Code	Description	Price (€)
42GW9005	Primary air kit	102,30
42GW9006	Primary air kit	147,77
42GW9022	Shut-off valve 1 / 2 "	55,87
42GW9023	Shut-off valve 3 / 4 "	60,93
42GW9024	Shut-off valve 1 "	71,57
42GW9029	Motorized 4-ways valve kit (2 pipes)	129,33
42GW9030	Motorized 4-ways valve kit (4 pipes)	201,10
42GW9031	Motorized 4-ways valve kit (2 pipes)	165,73
42GW9032	Motorized 4-ways valve kit (4 pipes)	271,87
42GW9033	Motorized 2-way valve kit (2 pipes)	111,33
42GW9034	Motorized 2-way valve kit (4 pipes)	202,70
42GW9035	Motorized 2-way valve kit (2 pipes)	132,43
42GW9036	Motorized 2-way valve kit (4 pipes)	240,87
42GW9037B	Auxiliary drain pan kit compact	88,40
42GW9038	Auxiliary drain pan kit large	77,30

Prices without VAT

GENERAL TERMS OF SALES

1. These Terms of Sale of «G.C.T. GENERAL CLIMA THERM S.R.L.», hereinafter called "the company", constitute an integral part of the sales contracts for the sale of products to purchasers. Any customer purchase terms which are contrary to the Terms of Sale of the company are not binding on the latter, even if it has not explicitly expressed the non-acceptance thereof.

2. The sales contract is drafted following an order which is placed by the purchaser and accepted by the company either by virtue of a specifically drafted sales agreement or by an order form of the company to which the present terms constitute an integral part and which the purchaser unreservedly accepts.

3. The purchaser shall be obliged to accept delivery of the products on the agreed delivery date. In case the products are not accepted within 30 days at the latest from the aforementioned date, the company shall be entitled to request the performance of the contract or compensation for the non-performance of the contract, or to rescind therefrom in which case any payment made by the purchaser shall be forfeited as liquidated damages in favour of the company, not excluding any right of the company to claim compensation for any further damage. In this case the company shall be entitled to sell the products sold by these presents to another purchaser, without any further notice. The purchaser shall be liable for any storage expenses, if it requests such a storage.

4. In case an order is cancelled for any reason whatsoever by the purchaser, any payment already made by the latter shall be forfeited as liquidated damages in favour of the company, not excluding any right of the company to claim compensation for any further damage.

5. The delivery of the products shall be effected within the term specified in the sales contract or the order form unless this is not possible for reasons due to force majeure or to inability to manufacture the machinery. The company shall not be deemed to be in default if it notifies the purchaser in writing prior to the specified delivery date that the delivery is not feasible. Such notice must include a new delivery date.

6. The products will be transported at the purchaser's liability for any damage and at purchaser's expense, unless otherwise agreed between the parties. Following the physical delivery at the place of the work or at the warehouses of the purchaser, the purchaser shall be exclusively liable for the storage thereof. Additional expenses for urgent dispatches, for return of products to the company, as well as expenses for the dispatch of the products for repair shall be incurred and paid by the purchaser.

7. Any movement of product outside the company's warehouse shall be effected at the risk, liability and expenses of the purchaser.

ATTENTION: Products will be checked upon delivery by the carrier. The return of products with the exception of those under warranty will not be accepted following the expiration of a 30-days period from their dispatch. Products extracted from their packaging or damaged due to improper handling will not be accepted under any circumstances. The company charges the purchaser with a percentage of 10% on the value of the products returned to it which are not defective but their packaging has been opened or damaged in any way, with the reservation of the company's right to claim compensation for any further damage.

8. The products sold are covered by warranty in accordance with the terms of the warranty, provided that they are subject to normal use, operation and maintenance.

9. The price is agreed in Euro. The price may also be set in another currency following an agreement of the parties.

10. Before the delivery of the products, the total price must be fully paid in cash unless an agreement has been reached with the company for the credit of the total or part of the price (payment in instalments). In case the delivery of cheques by the purchaser is agreed, said cheques retain their autonomy and the company is entitled to exercise its rights deriving therefrom in parallel and independently of its rights deriving from the present terms. In case of an arrangement for the payment of the price in instalments and of non-timely and due payment by the purchaser of any part of the price in accordance with the aforementioned arrangement, the total of the remaining balance of the price plus interest and expenses shall immediately become due and payable. In this case the company shall be entitled to rescind from the contract and any payment already effected by the purchaser shall be forfeited as liquidated damages in favour of the company, not excluding any right of the company to claim compensation for any further damage. The company shall have the same rights in case of declaration of the purchaser into bankruptcy or placement under compulsory administration or under recovery procedure or under any other similar procedure or in case an application is filed for the purchaser's placement under any of the aforementioned procedures.

11. Payment of the price in full or in part shall only be proven by a printed receipt issued by the company.

12. In case where the price is credited and an arrangement for the payment thereof in instalments is agreed, it is explicitly agreed that the ownership and possession of the sold products is retained by the company until the full payment of the price and shall be transferred to the purchaser immediately after the full payment thereof. The purchaser acquires only the possession of the products. Throughout the duration of the agreed condition precedent any act for the cancellation or limitation of its results is prohibited. In case the purchaser is in default, the company is entitled either to claim the payment of the entire price, which shall immediately become due and payable, or to rescind from the entire or part of the contract exercising its ownership rights. It is agreed that the company is entitled to exercise the right of rescission even it has attempted to collect the price due and said collection has not been achieved. The company maintains the right to notify the retention of ownership to any third party to whom the purchaser intends to further sell the products sold to it. In case of rescission, the company is entitled to withhold any instalments already paid as liquidated damages not excluding any right of the company to claim compensation for any further damage. In case of credit of the price and delay in payment thereof, the lawful default interest will be due in accordance with Law 4152/2013.

13. For as long as the purchaser does not perform its obligations deriving therefrom, the company shall be entitled to suspend the performance of its own obligations.

14. The company shall be entitled to attribute the sums paid by the purchaser to the invoices the company has issued as its absolute discretion.

15. Without prejudice to any provision contrary to the present terms, the total liability of any party against the other, either from contract or tort or any other reason, shall be limited to the amount of the value of the sales contract. Said limitation is not applicable in relation to the liability of any party for the injury or death of a person caused by its heavy negligence. Notwithstanding the terms mentioned herein, neither party shall be liable for any indirect, subsequent or special damage regardless of the cause thereof.

16. The purchaser is not entitled to assign the sales contract or any right or obligation deriving therefrom to another natural person or legal entity of private or public law without the prior written consent of the company

CANCELLATION OF ORDER

1. Cancellations of orders must be sent in writing to the company by e-mail or fax.
2. In case the order is cancelled within 7 days from acceptance thereof by the company, there will be no charge for the purchaser.
3. In case the products are customized or have been ordered to the factory and the purchaser cancel the order subsequently to the confirmation of the manufacture of the products by the factory, the company shall charge the purchaser 25% on the total value of the sale.

SPECIAL PACKAGING

If special packaging of the products, other than the factory packaging, is required, the purchaser shall notify the company in due time in order to be informed whether such a possibility exists and what is the cost of the special packaging.

PROBLEMS AT DELIVERY

1. If a problem of the products is identified at delivery, the purchaser is obliged to immediately inform the company and register the problem in the Delivery Note of the products.
2. In case the problem is not identified at delivery but during the installation of the products, the purchaser is obliged to abstain from the installation thereof and to notify immediately the company.

CODE OF CONDUCT

The company is committed to the highest legal and ethical standards in the conduct of its business. The purchaser acknowledges that it has been provided with a copy of the company's Code of Conduct and by concluding the sales contract warrants that it has read, understood, and agrees to be bound by the contents thereof.

G.C.T. GENERAL CLIMA THERM S.R.L.

SHIPPING CUSTOMER ORDERS

Customer services E-mail: office@gct.ro

Opening hours: 08:00 - 17:00

For products available in stock in our warehouse and for shipment the next day, your order documents must be sent by 12:00

PRODUCT AVAILABILITY - IMPLEMENTATION OF ORDERS:

CUSTOMER SERVICES

Tel.: +40 021 310 1084

E-mail: email@office@gct.ro

S.C. G.C.T. GENERAL CLIMA THERM S.R.L. BANK ACCOUNTS
UNICREDIT BANK: EURO IBAN ACCOUNT: RO36 BACX 0000 0030 0130 8000