



## Magis Pro V2

Heat pumps



# MAGIS PRO 4/6/9 V2

Split type reversible air/water inverter **heat pump**

Designed to meet the needs of new buildings with high efficiency class where the design does not involve the use of natural gas (available in 3 single-phase versions).

- Composed of compact external unit and an indoor hydronic unit
- **Reversible heating and cooling function**
- **Pre-loaded refrigerant fluid R32**
- External probe and Antivibration feet as standard in the external unit
- Heating temperature range 20 - 65 °C
- Cooling temperature range 5 - 25 °C
- Internal unit that features 12 litre expansion vessel, 3 way diverter valve for DHW storage tank connection and in case, electrical resistance as option
- Standard shut off knobs with 1" filter for water circuit
- Pre-arranged to manage up to 3 zones system



Model	Internal unit dimensions (H x W x D) mm	External unit dimensions (H x W x D) mm	Internal unit weight kg	External unit weight kg
4 V2	760 x 440 x 250	638 x 880 x 361	35,8	46,5
6 V2	760 x 440 x 250	638 x 880 x 361	35,8	46,5
9 V2	760 x 440 x 250	1010 x 940 x 384	35,8	73,0

Model	Code	Heating output kW	Cooling output kW	Power supply V	Preloaded refrigerant gas R32 kg
MAGIS PRO 4 V2	3.030606	4,40	5,00	230	1,2
MAGIS PRO 6 V2	3.030607	6,00	6,50	230	1,2
MAGIS PRO 9 V2	3.030608	9,00	8,70	230	1,4

Data referred to the following conditions: heating air/water temperature 7-6 °C / 30-35 °C  
cooling air/water temperature 35-24 °C / 23-18 °C







# MAGIS PRO 12/14/16 V2

Split type reversible air/water inverter **heat pump**

New solution (available in 3 single-phase versions or three-phase "T") designed to meet the needs of new buildings with high efficiency class where the design does not involve the use of natural gas.

- Composed of an external unit and an indoor hydronic unit
- **Reversible heating and cooling function**
- **Pre-loaded refrigerant fluid R410A**
- External probe and antivibration feet as standard in the external unit
- Heating temperature range 20 - 55 °C
- Cooling temperature range 5 - 25 °C
- Internal unit that features 12 litre expansion vessel, 3 way diverter valve for DHW storage tank connection and in case, electrical resistance as option
- Standard shut off knobs with 1" "Y" filter for water circuit
- Pre-arranged to manage up to 3 zones system











MAGIS PRO 12 V2/V2 T	55 °C  A+	35 °C  A+++
MAGIS PRO 14 V2/V2 T	55 °C  A+	35 °C  A+++
MAGIS PRO 16 V2/V2 T	55 °C  A+	35 °C  A++

Model	Internal unit dimensions (H x W x D) mm	External unit dimensions (H x W x D) mm	Internal unit weight kg	External unit weight kg
12 V2/V2 T	780 x 440 x 340	1420 x 940 x 384	38,5	100
14 V2/V2 T	780 x 440 x 340	1420 x 940 x 384	38,5	100
16 V2/V2 T	780 x 440 x 340	1420 x 940 x 384	38,5	100

Model	Code	Heating output kW	Cooling output kW	Power supply V	Preloaded refrigerant gas R410A kg
MAGIS PRO 12 V2	3.030663	12,00	12,00	230	2,98
MAGIS PRO 14 V2	3.030664	14,00	14,00	230	2,98
MAGIS PRO 16 V2	3.030665	16,00	15,00	230	2,98
MAGIS PRO 12 V2 T	3.030666	12,00	12,00	400	2,98
MAGIS PRO 14 V2 T	3.030667	14,00	14,00	400	2,98
MAGIS PRO 16 V2 T	3.030668	16,00	15,00	400	2,98

Data referred to the following conditions: heating air/water temperature 7-6 °C / 30-35 °C  
cooling air/water temperature 35-24 °C / 23-18 °C

# Thermoregulation for MAGIS PRO V2

Type		Code
<b>Remote Control Panel</b> modulating remote control  Temperature control class V* or VI Contribution to seasonal space heating energy efficiency 3%* or 4%	 <p>Dimensions (H x W x D) mm 100 x 129 x 37</p>	3.030863
<b>CRONO 7</b> (weekly digital chronothermostat)  Temperature control class IV* or VII Contribution to seasonal space heating energy efficiency 2%* or 3,5%	 <p>Dimensions (H x W x D) mm 103 x 142 x 31</p>	3.021622
<b>CRONO 7 WIRELESS</b> (wireless weekly digital chronothermostat)  Temperature control class IV* or VII Contribution to seasonal space heating energy efficiency 2%* or 3,5%	  <p>Dimensions (H x W x D) mm 103 x 142 x 31</p> <p>Dimensions (H x W x D) mm 82 x 105 x 26</p>	3.021624
<b>DOMINUS interface kit</b> Wi-fi interface kit to remote control by App		3.026273
<b>Temperature/humidity active sensor Modbus kit</b>  Temperature control class V or VI* Contribution to seasonal space heating energy efficiency 3% or 4%*	 <p>Dimensions (H x W x D) mm 80 x 127 x 30</p>	3.030992
<b>Room hygrostat</b> to be used with radiant systems that also work in cooling mode.	 <p>Dimensions (H x W x D) mm 70 x 115 x 40</p>	3.023302
<b>External probe kit</b> to be used when external probe as standard in outdoor unit is not correctly exposed.  Temperature control class II*, VI or VII Contribution to seasonal space heating energy efficiency 2%*, 4 or 3,5%		3.015266
<b>System delivery probe kit</b> <b>NEW</b>		3.030913
<b>2 relays board kit</b> to be used to manage dehumidifiers		3.026302
<b>Relay board kit</b> in order to manage third zone		3.015350
<b>Low temperature safety kit</b> for generators settled up with low temperature.		3.019229
<b>Storage tank NTC probe kit</b> to be used for commercial storage tank units.		3.019375

\* Temperature control class with default settings. The class depends on the settings and operation modes that can be changed, for example Modulating or ON/OFF. The use of these devices contributes, in percentage, to the seasonal energy efficiency of the heating system.

# Option kits for MAGIS PRO V2

## OMNISTOR 300 e 500

**Stainless steel storage tank units**  
for DHW with oversized coil

**Ideal for connection to heat pumps.** The range of new OMNISTOR stainless steel storage tanks, is ideal to contain domestic hot water with an inspection flange at the lower part.

The storage tanks are equipped with:

- **1 stainless steel coils water/water** heat exchanger with oversized coil
- **2 probe-supports and NTC probe** for Immergas heat pump connection
- **Thermometer**
- **Double magnesium anode**
- **Suitable flexible insulation** which can be disassembled (6 cm thick on OMNISTOR 300 and 8 cm thick on OMNISTOR 500)
- **Pre-arranged to fix pump station to the body of the storage tank with option kit** (maximum 4 solar flat plate-collectors)
- **Pre-arranged to electric resistance kit** (option)
- **Pre-arranged to double electronic anode** (option) code 3.025003



OMNISTOR 300



Model	Code	Capacity (litres)	Efficiency class	Dimensions mm		Material
				Height	External diameter	
OMNISTOR 300*	3.027910	276,8	C	1715	620	Stainless steel
OMNISTOR 500*	3.027911	480,3	C	1735	810	Stainless steel

\* The use of this storage tank unit involves the installation of an appropriately sized DHW expansion vessel and safety valve, not included in the supply.

### Options kits

Type	Code
Solar kit composed of: aesthetic cover frame, plate heat exchanger, single solar pump station (with low consumption circulation pump), solar central unit, connection insulated pipes.	3.029723
18 litres expansion vessels	3.019131
24 litres expansion vessels	3.019138
35 litres expansion vessels	3.019135
80 litres expansion vessels	3.019139
¾" thermostatic mixing valve kit	3.019099

# Option kits for MAGIS PRO V2

Type		Code
<b>INOXSTOR 200 V2*</b> equipped with 2 coils water/water heat exchangers  Efficiency class C		3.027746
<b>Additional 2 kW electric resistance kit for INOXSTOR V2 and OMNISTOR</b>		3.020861
<b>Double electronic anode kit for INOXSTOR V2 and OMNISTOR</b>		3.025003

\* INOXSTOR 300 and 500 V2 are available too.







## Buffer tanks

<b>Buffer tank 75 litres</b> wall-hung or floor-standing installation.		Dimensions (Ø x H) mm 512 x 71	3.027288
<b>Wall-hung bracket kit for Buffer tank 75 litres</b>			3.027290

## Dehumidifier

<b>Dehumidifier kit</b> to be used with radiant systems that also work in cooling mode (only for recessed installation with codes 3.022146 and 3.022147).		3.021529
<b>Dehumidifier back frame kit</b> to be used with radiant systems that also work in cooling mode.		3.022146
<b>Dehumidifier front grille kit</b> to be used with radiant systems that also work in cooling mode.		3.022147

# Option kits for MAGIS PRO V2

Type		Code
<b>Distribution manifold kit for 1 direct and 1 mixed temperature zones</b> for direct connection to MAGIS PRO 4/6/9 V2 range.		Dimensions (H x W x D) mm 700 x 450 x 190 3.026301
<b>Distribution manifold kit for 1 direct and 1 mixed temperature zones</b> <b>NEW</b> for direct connection to MAGIS PRO 12/14/16 V2 range.		Dimensions (H x W x D) mm 700 x 450 x 190 3.031695
<b>Condensate antifreeze heating cable kit</b> for external unit MAGIS PRO 4 and 6 V2		3.027385
<b>Connection kit for R410A circuit for 12/14/16 V2 versions</b> for an easy connection of the refrigerant circuit in the case of pipes coming out from the wall towards the internal unit.		3.026089
<b>Connection kit for R32 circuit for 4/6/9 V2 versions</b> for an easy connection of the refrigerant circuit in the case of pipes coming out from the wall towards the internal unit.		3.030883
<b>3 kW integration electric resistance kit for MAGIS PRO V2</b>		3.030991
<b>3-way diverter valve kit</b> to be used as diverter valve for heating/cooling switching.		3.020632
<b>Wall mounting brackets for external unit</b>		3.022154
<b>Anti freeze protection kit -15 °C</b> (for hydronic unit)		3.017324
<b>ZENITAIR-MONO</b> Mechanical bidirectional ventilation unit		3.030601
<b>External cover kit with acoustical insulation for ZENITAIR-MONO</b> anti-insect net and anti-wind in pre-painted steel		3.030636

\* For further information see page 45

# Recessed or in-house solutions with MAGIS PRO V2



With the split heat pump MAGIS PRO V2 come several different installation solutions:

- **4 for recessed installation**
- **4 for in-house installation**

This system gives maximum flexibility to the building companies and designers, in order to offer the best solution for new buildings or energetic redevelopments.

The following solutions are an useful instrument for designers to find the best technical proposal.

# Recessed or in-house solutions with MAGIS PRO V2

Model		Domestic Hot Water	Plant distribution	Recessed	In-house
<b>MAGIS PRO 12/14/16 V2 with SUPER TRIO TOP</b> see page 56		<b>250 litres DHW storage tank</b>  Possibility to complete with thermal solar	Hydraulic distribution unit for <b>up to 2 zones</b> (1 direct as standard and 1 mixed optional), 45 litres INOX inertial storage tank integrated	CONTAINER for SUPER TRIO/TRIO TOP	DOMUS CONTAINER for SUPER TRIO/TRIO TOP
<b>MAGIS PRO 4/6/9 V2 with SUPER TRIO</b> see page 58		<b>250 litres DHW storage tank</b>  Possibility to complete with thermal solar	Hydraulic distribution unit for <b>up to 2 zones</b> (1 direct as standard and 1 mixed optional), 30 litres INOX inertial storage tank integrated	CONTAINER for SUPER TRIO/TRIO TOP	DOMUS CONTAINER for SUPER TRIO/TRIO TOP
<b>MAGIS PRO 4/6/9 V2 with TRIO V2</b> see page 60		<b>160 litres DHW storage tank</b>  Possibility to complete with thermal solar	Hydraulic distribution unit for <b>up to 2 zones</b> (1 direct and 1 mixed optional)	SOLAR CONTAINER	DOMUS CONTAINER
<b>MAGIS PRO 4/6/9 V2 with TRIO MONO V2</b> see page 62			<b>mono-zone plant</b> (1 direct)	SOLAR CONTAINER	DOMUS CONTAINER

# MAGIS PRO 12/14/16 V2 with SUPER TRIO TOP

**Split heat pump** for recessed or in-house installation for up to two zones plant and 250 litres DHW storage tank

With this complete configuration, all the advantages of MAGIS PRO V2 (mono-phase or three-phase versions 12/14/16 kW) are combined with the hydronic group of SUPER TRIO TOP with 250 litres DHW storage tank and 45 litres INOX inertial storage tank integrated.

This system needs the following choices:

- the split heat pump model MAGIS PRO V2
- the installation container
- the hydronic group SUPER TRIO TOP
- the kit for the second zone (if required)
- additional optionals according to the installation requirements



## Heat pumps

Model	Power Supply	Code	See page
MAGIS PRO 12 V2	Mono-phase	3.030663	49
MAGIS PRO 14 V2	Mono-phase	3.030664	49
MAGIS PRO 16 V2	Mono-phase	3.030665	49
MAGIS PRO 12 V2 T	Three-phase	3.030666	49
MAGIS PRO 14 V2 T	Three-phase	3.030667	49
MAGIS PRO 16 V2 T	Three-phase	3.030668	49

## Installation Container

Type	Code	Vedi page
CONTAINER for SUPER TRIO/TRIO TOP (recessed frame)	3.030394	57
DOMUS CONTAINER for SUPER TRIO/TRIO TOP (technical box)	3.030393	57

## Hydronic group




Type	Code
<p><b>SUPER TRIO TOP</b> is composed of:</p> <ul style="list-style-type: none"> <li>• DHW storage tank in stainless steel with single coil 250 litres of capacity (class C)</li> <li>• 45 litres INOX inertial storage tank installed as hydraulic manifold</li> <li>• hydraulic distribution unit with 1 additional hydraulic manifold and 1 low-consumption pump (for the direct zone), hydraulic fittings and refrigerant gas connections for MAGIS PRO 12, 14 and 16 V2</li> <li>• electrical connections, anti-freeze protection wire and storage tank probe</li> <li>• thermostatic mixing valve, DHW expansion vessel 16 litres, safety valve 8 bar</li> <li>• support bracket for the indoor unit</li> </ul> <p>All components are insulated.</p>	3.031192

## Connection kits

Type	Code
Connection kit for 1-2 vertical zones (for bottom connections)	3.031193
Connection kit for 1-2 horizontal zones (for lateral connections)	3.031194
Connection kit for 1-2 rear zones (for rear connections)	3.031195

# Specific option kits for MAGIS PRO V2 installation with SUPER TRIO TOP

For thermoregulation and generic optional kits see from page 50

Type		Code
<p><b>CONTAINER for SUPER TRIO/TRIO TOP</b> (recessed frame) it allows the housing of the main components (with the exception of the external unit). It comes with the pipes set-up for the installation of the MAGIS PRO V2, hydraulic components and flue system. The frontal access allows the complete system maintenance.</p>	 <p>Dimensions (H x W x D) mm 2200 x 1100 x 495 Empty weight: 75,2 kg</p>	3.030394
<p><b>DOMUS CONTAINER for SUPER TRIO/TRIO TOP</b> (technical box) it allows the housing of the main components (with the exception of external unit). Can be easily placed in any room of the house, there is no need for wall predisposition to install the MAGIS PRO V2, hydraulic components and flue system. The frontal access allows the complete system maintenance.</p>	 <p>Dimensions (H x W x D) mm 2110 x 1160 x 525 Empty weight: 75,5 kg</p>	3.030393
<p><b>Aesthetic upper cover for DOMUS CONTAINER for SUPER TRIO/TRIO TOP</b></p>		3.030484
<p><b>1,5 kW sanitary electric resistance kit</b></p>		3.029927
<p><b>3 kW integration electric resistance kit for MAGIS PRO V2</b></p>		3.030991
<p><b>Solar kit</b> composed of: plate heat exchanger, single solar low-consumption pump station, solar central unit, connection pipes, hydraulic fittings, 18 liters solar expansion vessel, temperature probes (for collectors and storage tank)</p> <p>For solar collectors and relative accessories see page 110</p>		3.031189
<p><b>Additional mixed 2nd zone kit</b> composed of: 1 low-consumption pump, mixing valve and connection pipes.</p>		3.031186
<p><b>DHW recirculation kit for SUPER TRIO TOP*</b> Pump not included</p>		3.031205
<p><b>Anti-scale kit*</b> (indoor only)</p>		3.020628

\* Recirculation kit and anti-scale kit cannot be installed together

# MAGIS PRO 4/6/9 V2 with SUPER TRIO

**Split heat pump** for recessed or in-house installation for up to two zones plant and 250 litres DHW storage tank

With this complete configuration, all the advantages of MAGIS PRO V2 (mono-phase versions 4/6/9 kW) are combined with the hydronic group of SUPER TRIO with 250 litres DHW storage tank and 30 litres INOX inertial storage tank integrated.

This system needs the following choices:

- the split heat pump model MAGIS PRO V2
- the installation container
- the hydronic group SUPER TRIO
- the kit for the second zone (if required)
- additional optionals according to the installation requirements



## Heat pumps

Model	Code	See page
MAGIS PRO 4 V2	3.030606	48
MAGIS PRO 6 V2	3.030607	48
MAGIS PRO 9 V2	3.030608	48

## Installation Container

Type	Code	Vedi page
CONTAINER for SUPER TRIO/TRIO TOP (recessed frame)	3.030394	59
DOMUS CONTAINER for SUPER TRIO/TRIO TOP (technical box)	3.030393	59

## Hydronic group


Type	Code
<p><b>SUPER TRIO</b> is composed of:</p> <ul style="list-style-type: none"> <li>• DHW storage tank in stainless steel with single coil 250 litres of capacity (class C)</li> <li>• 30 litres INOX inertial storage tank</li> <li>• hydraulic distribution made by hydraulic manifold and 1 additional pump (for the direct zone), hydraulic fittings and refrigerant gas connections for MAGIS PRO 4, 6 and 9 V2</li> <li>• electrical connections, anti-freeze protection wire and storage tank probe</li> <li>• thermostatic mixing valve, DHW expansion vessel 16 litres, safety valve 8 bar</li> <li>• support bracket for the indoor unit</li> </ul> <p>All components are insulated.</p>	3.030395

## Connection kits

Type	Code
Connection kit for 1-2 vertical zones (for bottom connections)	3.020575
Connection kit for 1-2 horizontal zones (for lateral connections)	3.020574
Connection kit for 1-2 rear zones (for rear connections)	3.020638

# Specific optional kits for MAGIS PRO V2 installation with SUPER TRIO

For thermoregulation and generic optional kits see from page 50

Type		Code
<p><b>CONTAINER for SUPER TRIO/TRIO TOP</b> (recessed frame) it allows the housing of the main components (with the exception of the external unit). It comes with the pipes set-up for the installation of the MAGIS PRO V2, hydraulic components and flue system. The frontal access allows the complete system maintenance.</p>	 <p>Dimensions (H x W x D) mm 2200 x 1100 x 495 Empty weight: 75,2 kg</p>	3.030394
<p><b>DOMUS CONTAINER for SUPER TRIO/TRIO TOP</b> (technical box) it allows the housing of the main components (with the exception of external unit). Can be easily placed in any room of the house, there is no need for wall predisposition to install the MAGIS PRO V2, hydraulic components and flue system. The frontal access allows the complete system maintenance.</p>	 <p>Dimensions (H x W x D) mm 2110 x 1160 x 525 Empty weight: 75,5 kg</p>	3.030393
<p><b>Aesthetic upper cover for DOMUS CONTAINER for SUPER TRIO/TRIO TOP</b></p>		3.030484
<p><b>1,5 kW sanitary electric resistance kit.</b></p>		3.029927
<p><b>3 kW integration electric resistance kit for MAGIS PRO V2</b></p>		3.030991
<p><b>Solar kit</b> composed of: plate heat exchanger, single solar low-consumption pump station, solar central unit, connection pipes, hydraulic fittings, 18 liters solar expansion vessel, temperature probes (for collectors and storage tank)</p> <p>For solar collectors and relative accessories see page 110</p>		3.030482
<p><b>Additional mixed 2nd zone kit for SUPER TRIO</b> composed of: 1 low-consumption pump, mixing valve and connection pipes.</p>		3.027865
<p><b>DHW recirculation kit for SUPER TRIO*</b> Pump not included</p>		3.030483
<p><b>Anti-scale kit*</b> (indoor only)</p>		3.020628

\* Recirculation kit and anti-scale kit cannot be installed together

# MAGIS PRO 4/6/9 V2 with TRIO V2

**Split heat pump** for recessed or in-house installation for up to two zones plant and 160 litres DHW storage tank

- Ideal for new buildings with high level energetic ratings with up to two zones at different water flow temperatures
- Compact installation dimensions
- Remote control panel as standard for easy thermoregulation
- Wide optional kit range

This system needs the following choices:

- the split heat pump model MAGIS PRO V2
- the installation container
- the hydronic group TRIO V2
- the MAGIS PRO V2 connection kit
- additional optionals according to the installation requirements



## Heat pumps

Model	Code	See page
MAGIS PRO 4 V2	3.030606	48
MAGIS PRO 6 V2	3.030607	48
MAGIS PRO 9 V2	3.030608	48

## Installation Container

Type	Code	Vedi page
SOLAR CONTAINER (recessed frame)	3.020166	61
DOMUS CONTAINER (technical box)	3.022167	61

## Hydronic group





Type	Code
<p>TRIO V2 is composed of:</p> <ul style="list-style-type: none"> <li>• DHW storage tank in stainless steel with double coil 160 litres of capacity (class C) and storage tank probe</li> <li>• system controller integrated. Remote panel control supplied as standard suitable also as thermoregulator (class VI)</li> <li>• hydraulic distribution unit with two zones (one direct and one mixed) composed of hydraulic manifold, one 3-way diverting valve, one 3-way mixing valve, 2 additional low-consumption pumps, 8 litres DHW expansion vessel, DHW 8 bar safety valve and thermostatic mixing valve.</li> </ul> <p>All components are insulated.</p>	3.027830
<p><b>MAGIS PRO V2 connection kit</b> [includes hydraulic fitting and refrigerant gas connection, indoor unit support for MAGIS PRO V2]</p>	3.026303

## Connection kits

Type	Code
Connection kit for 1-2 vertical zones (for bottom connections)	3.020575
Connection kit for 1-2 horizontal zones (for lateral connections)	3.020574
Connection kit for 1-2 rear zones (for rear connections)	3.020630

# Specific optional kits for MAGIS PRO V2 installation with TRIO V2

For thermoregulation and generic optional kits see from page 50

Type		Code
<p><b>SOLAR CONTAINER</b> (recessed frame) it allows the housing of the main components (with the exception of external unit). It comes with the pipes set-up for the installation of MAGIS PRO V2 and of the hydraulic components. The frontal access allows the complete system maintenance</p>	 <p>Dimensions (H x W x D) mm 2200 x 950 x 350 Empty weight: 64 kg</p>	3.020166
<p><b>DOMUS CONTAINER</b> (technical box) It allows the housing of the main components (with the exception of external unit). Can be easily placed in any room of the house, there is no need for wall predisposition to install MAGIS PRO V2 and of the hydraulic components The frontal access allows the complete system maintenance</p>	 <p>Dimensions (H x W x D) mm 2110 x 975 x 365 Empty weight: 70 kg</p>	3.022167
<b>Aesthetic upper cover for DOMUS CONTAINER</b>		3.027175
<p><b>Solar kit</b> Solar kit composed of: plate heat exchanger, single solar pump station (with low consumption circulation pump), solar central unit, connection pipes, hydraulic fittings, 12 litres solar expansion vessel, temperature probes ( for collectors and storage tank)</p> <p>For solar collectors and relative accessories see page 110.</p>		3.024719
<b>3 kW integration electric resistance kit for MAGIS PRO V2</b>		3.030991
<b>1,5 kW sanitary electric resistance kit</b>		3.024897
<p><b>15 litres buffer tank</b> to be installed in SOLAR or DOMUS CONTAINER for SUPER TRIO</p>		3.026304
<p><b>50 litres recessed buffer tank</b> ideal for external installation with SOLAR CONTAINER</p>	 <p>Dimensions (H x W x D) mm 410 x 950 x 350</p>	3.027709
<p><b>DHW recirculation kit*</b> pump not included</p>		3.026169
<p><b>Anti scale kit</b> (indoor only)*</p>		3.020628

\* Recirculation kit and anti-scale kit cannot be installed together

# MAGIS PRO 4/6/9 V2 with TRIO MONO V2

**Split heat pump** for recessed or in-house installation for mono zone plant and 160 litres DHW storage tank

- Ideal for new buildings with high level energetic ratings medium-sized
- Compact installation dimensions
- Remote control panel as standard for easy thermoregulation
- Wide optional kit range
- High head and water flow rate thanks to the additional pump

This system needs the following choices:

- the split heat pump model MAGIS PRO V2
- the installation container
- the hydronic group TRIO MONO V2
- the MAGIS PRO V2 connection kit
- additional optionals according to the installation requirements



## Heat pumps

Model	Code	See page
MAGIS PRO 4 V2	3.030606	48
MAGIS PRO 6 V2	3.030607	48
MAGIS PRO 9 V2	3.030608	48

## Installation Container

Type	Code	Vedi page
SOLAR CONTAINER (recessed frame)	3.020166	63
DOMUS CONTAINER (technical box)	3.022167	63

## Hydronic group





Type	Code
<p><b>TRIO MONO V2</b> is composed of:</p> <ul style="list-style-type: none"> <li>• DHW storage tank in stainless steel with double coil 160 litres of capacity (class C) and storage tank probe</li> <li>• system controller integrated. Remote panel control supplied as standard suitable also as thermoregulator (class VI)</li> <li>• hydraulic distribution composed of hydraulic manifold, one 3-way diverting valve, one additional low-consumption pump, 8 litres DHW expansion vessel, DHW 8 bar safety valve and thermostatic mixing valve.</li> </ul> <p>All components are insulated.</p>	3.027831
<p><b>MAGIS PRO V2 connection kit</b> (includes hydraulic fitting and refrigerant gas connection, indoor unit support for MAGIS PRO V2)</p>	3.026303

## Connection kits

Type	Code
Connection kit for 1-2 vertical zones (for bottom connections)	3.020575
Connection kit for 1-2 horizontal zones (for lateral connections)	3.020574
Connection kit for 1-2 rear zones (for rear connections)	3.020630

# Specific optional kits for MAGIS PRO V2 installation with TRIO MONO V2

For thermoregulation and generic optional kits see from page 50

Type		Code
<p><b>SOLAR CONTAINER</b> (recessed frame) it allows the housing of the main components (with the exception of external unit). It comes with the pipes set-up for the installation of MAGIS PRO V2 and of the hydraulic components. The frontal access allows the complete system maintenance</p>	 <p>Dimensions (H x W x D) mm 2200 x 950 x 350 Empty weight: 64 kg</p>	3.020166
<p><b>DOMUS CONTAINER</b> (technical box) It allows the housing of the main components (with the exception of external unit). Can be easily placed in any room of the house, there is no need for wall predisposition to install MAGIS PRO V2 and of the hydraulic components The frontal access allows the complete system maintenance</p>	 <p>Dimensions (H x W x D) mm 2110 x 975 x 365 Empty weight: 70 kg</p>	3.022167
<b>Aesthetic upper cover for DOMUS CONTAINER</b>		3.027175
<p><b>Solar kit</b> Solar kit composed of: plate heat exchanger, single solar pump station (with low consumption circulation pump), solar central unit, connection pipes, hydraulic fittings, 12 litres solar expansion vessel, temperature probes ( for collectors and storage tank)</p> <p>For solar collectors and relative accessories see page 110.</p>		3.024719
<b>3 kW integration electric resistance kit for MAGIS PRO V2</b>		3.030991
<b>1,5 kW sanitary electric resistance kit</b>		3.024897
<p><b>15 litres buffer tank</b> to be installed in SOLAR or DOMUS CONTAINER for SUPER TRIO</p>		3.026304
<p><b>50 litres recessed buffer tank</b> ideal for external installation with SOLAR CONTAINER</p>	 <p>Dimensions (H x W x D) mm 410 x 950 x 350</p>	3.027709
<b>DHW recirculation kit*</b> pump not included		3.026169
<b>Anti scale kit</b> (indoor only)*		3.020628

\* Recirculation kit and anti-scale kit cannot be installed together

# TRIO PACK ELECTRIC NEW

Heat pump for recessed or in-house installation

**New only electric solution “all-in-one”.** Complete with split type heat pump and electric resistances, represents a single code system for heating/cooling systems and production of domestic hot water.

- Remote control panel (with chronothermostat function) as standard
- 160 litre storage tank with double coil in series, in stainless steel AISI 316 L, class C, complete of 1,5 kW electric resistance, 2 magnesium anodes, insulation and flange of inspection
- Domestic hot water production with storage tank unit managed by the heat pump and the electrical resistance
- 25 litres buffer tank in stainless steel with function of hydraulic separator, pump for 1 direct zone, “Y” filter, D.H.W. expansion vessel 8 litres, system flow meter, D.H.W. safety valve 8 bar
- Hydronic group linked to the operation of the heat pump (R32 /water exchanger, circulator, 3 way valve)



TRIO PACK ELECTRIC 4/6



TRIO ELECTRIC 9









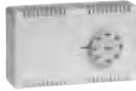



Model	Code N.G. L.P.G.	Heating output kW	Cooling output kW	Preloaded refrigerant gas R32 kg
TRIO PACK ELECTRIC 4	3.031712	4,40	5,00	1,20
TRIO PACK ELECTRIC 6	3.031713	6,00	6,50	1,20
TRIO PACK ELECTRIC 9	3.031714	9,00	8,70	1,40

Heat pump data referred to the following conditions: heating air/water temperature 7-6 °C / 30-35 °C  
cooling air/water temperature 35-24 °C / 23-18 °C.

## Installation Container





Type	Code	Vedi page
SOLAR CONTAINER (recessed frame)	3.020166	66
DOMUS CONTAINER (technical box)	3.022167	66

# Thermoregulation for TRIO PACK ELECTRIC




Type		Code
<b>Remote Control Panel</b> modulating remote control (for eventual 2nd zone)  Temperature control class V* or VI Contribution to seasonal space heating energy efficiency 3%* or 4%	 <p>Dimensions (H x W x D) mm 100 x 129 x 37</p>	3.030863
<b>CRONO 7</b> Weekly digital chronothermostat  Temperature control class IV* or VII Contribution to seasonal space heating energy efficiency 2%* or 3,5%	 <p>Dimensions (H x W x D) mm 103 x 142 x 31</p>	3.021622
<b>CRONO 7 WIRELESS</b> Weekly digital wireless chronothermostat  Temperature control class IV* or VII Contribution to seasonal space heating energy efficiency 2%* or 3,5%	 <p>Dimensions (H x W x D) mm 103 x 142 x 31</p>  <p>Dimensions (H x W x D) mm 82 x 105 x 26</p>	3.021624
<b>Temperature/humidity active sensor Modbus kit</b>  Temperature control class V or VI* Contribution to seasonal space heating energy efficiency 3% or 4%*	 <p>Dimensions (H x W x D) mm 80 x 127 x 30</p>	3.030992
<b>DOMINUS interface kit</b> Wi-fi interface kit to remote control by App		3.026273
<b>Room hygrostat</b> to be used with radiant systems that also work in cooling mode	 <p>Dimensions (H x W x D) mm 70 x 115 x 40</p>	3.023302
<b>External probe kit</b> to be used when external probe as standard in outdoor unit is not correctly exposed  Temperature control class II*, VI or VII Contribution to seasonal space heating energy efficiency 2%*, 4% or 3,5%		3.015266
<b>2 relays board kit</b> to be used to manage dehumidifiers or three-way valve winter/summer		3.031943
<b>Expansion kit</b> to be used to manage three-way valve winter/summer		3.031944

\* Temperature control class with default settings. The class depends on the settings and operation modes that can be changed, for example Modulating or ON/OFF. The use of these devices contributes, in percentage, to the seasonal energy efficiency of the heating system.

# Option kits for TRIO PACK ELECTRIC

Type		Code
<p><b>SOLAR CONTAINER</b> (recessed frame) it allows the housing of the main components (with the exception of the external unit). It comes with the pipes set-up for the installation of the TRIO PACK, hydraulic components and flue system. The frontal access allows the complete system maintenance.</p>	 <p>Dimensions (H x W x D) mm 2200 x 950 x 350 Empty weight: 64 kg</p>	3.020166
<p><b>DOMUS CONTAINER</b> (technical box) it allows the housing of the main components (with the exception of external unit). Can be easily placed in any room of the house, there is no need for wall predisposition to install the TRIO PACK, hydraulic components and flue system. The frontal access allows the complete system maintenance.</p>	 <p>Dimensions (H x W x D) mm 2110 x 975 x 365 Empty weight: 70 kg</p>	3.022167
<p><b>Aesthetic upper cover for DOMUS CONTAINER</b></p>		3.027175
<p><b>Additional mixed 2nd zone kit</b> <b>NEW</b></p>		3.031483
<p><b>Connection kit for R32 circuit</b> <b>NEW</b> (toward the lower part of the Container)</p>		3.031966
<p><b>Connection kit for vertical zones (bottom connection)</b> <b>NEW</b> including fittings, 4 shut-off knobs and predisposition to insert the "Y" filters for zone 1 and 2</p>		3.032257
<p><b>Connection kit for horizontal zones (side connection)</b> <b>NEW</b> ncluding fittings, 4 shut-off knobs and predisposition to insert the "Y" filters for zone 1 and 2</p>		3.032256
<p><b>Connection kit for rear zones (rear connection)</b> <b>NEW</b> including fittings, 4 shut-off knobs and predisposition to insert the "Y" filters for zone 1 and 2</p>		3.032258

# Option kits for TRIO PACK ELECTRIC

Type		Code
<b>Condensate antifreeze heating cable kit</b> for external unit 4/6		3.027385
<b>Wall mounting brackets</b> for external unit		3.022154
<b>DHW recirculation kit</b> (pump not included)*		3.026169
<b>Anti-scale kit</b> <b>NEW</b> (indoor only)*		3.032261
<b>Anti freeze protection kit -15 °C</b> (for external installations)		3.017324
<b>3 kW integration electric resistance kit</b> <b>NEW</b>		3.031937
<b>Solar kit</b> <b>NEW</b> composed of: plate heat exchanger, single solar pump station (with low consumption circulation pump), solar central unit, connection pipes, hydraulic fittings, mixing valve, 18 litres solar expansion vessel, temperature probes ( for collectors and storage tank) For solar collectors and relative accessories see page 110		3.031603
<b>Low temperature safety kit</b>		3.013794
<b>3-way diverter valve kit</b> to be used as diverter valve for heating/cooling switching		3.020632

\* Recirculation kit and anti-scale kit cannot be installed together

## Dehumidifier

<b>Dehumidifier kit</b> to be used with radiant systems that also work in cooling mode (only for recessed installation with codes 3.022146 and 3.022147).		3.021529
<b>Dehumidifier back frame kit</b>		3.022146
<b>Dehumidifier front grille kit</b>		3.022147

## Mechanical ventilation unit\*

<b>ZENITAIR-MONO</b> Mechanical bidirectional ventilation unit		3.030601
<b>External cover kit with acoustical insulation for ZENITAIR-MONO</b> anti-insect net and anti-wind in pre-painted steel		3.030636

\* For further information see page 45

# TRIO HYDRO **NEW** system ELECTRIC

**Heat pump** solution for recessed or in-house installation

**New only electric solution** with monobloc heat pump, to be completed with D.H.W electric resistance and the box according to the installative needs.

- Monobloc heat pump
- Remote control panel with chronothermostat function as standard
- 160 litre storage tank with double coil in series, in stainless steel AISI 316 L, class C, complete of 2 magnesium anodes, insulation and flange of inspection
- Domestic hot water production with storage tank unit managed by the heat pump and the electrical resistance
- 25 litres buffer tank in stainless steel with function of hydraulic separator, pump for 1 direct zone, "Y" filter, system flow meter, D.H.W. safety valve 8 bar



## Combined hydronic heat pump

Model	Code	Heating output kW	Cooling output kW	Preloaded refrigerant gas R32 kg
TRIO HYDRO 5	3.032432	5,0	5,0	1
TRIO HYDRO 8	3.032433	9,0	7,90	1,15
TRIO HYDRO 12	3.032434	12,0	12,0	2,2

Data referred to the following conditions: heating air/water temperature 7-6 °C / 30-35 °C  
cooling air/water temperature 35-24 °C / 23-18 °C









## Boxes

Type	Code	See page
SOLAR CONTAINER (recessed frame)	3.020166	70
DOMUS CONTAINER (technical box)	3.022167	70

## Optional required

Type	Code
<b>Accessories kit for TRIO HYDRO system ELECTRIC</b> (system expansion vessel, manometer and D.H.W. electric resistance)	3.032748






# Thermoregulation for TRIO HYDRO system ELECTRIC

Type		Code
<p><b>Remote Control Panel</b> modulating remote control (for eventual 2nd zone)</p> <p>Temperature control class V* or VI Contribution to seasonal space heating energy efficiency 3%* or 4%</p>	 <p>Dimensions (H x W x D) mm 100 x 129 x 37</p>	3.030863
<p><b>CRONO 7**</b> Weekly digital chronothermostat</p> <p>Temperature control class IV* or VII Contribution to seasonal space heating energy efficiency 2%* or 3,5%</p>	 <p>Dimensions (H x W x D) mm 103 x 142 x 31</p>	3.021622
<p><b>Temperature/humidity active sensor Modbus kit</b></p> <p>Temperature control class V o VI* Contribution to seasonal space heating energy efficiency 3% or 4%*</p>	 <p>Dimensions (H x W x D) mm 80 x 127 x 30</p>	3.030992
<p><b>DOMINUS interface kit</b> Wi-fi interface kit to remote control by App</p>		3.026273
<p><b>Room hygrostat</b> to be used with radiant systems that also work in cooling mode</p>	 <p>Dimensions (H x W x D) mm 70 x 115 x 40</p>	3.023302
<p><b>External probe kit</b> to be used when external probe as standard in outdoor unit is not correctly exposed To be managed by expansion kit for TRIO HYDRO</p> <p>Temperature control class II*, VI o VII Contribution to seasonal space heating energy efficiency 2%*, 4% or 3,5%</p>		3.015266
<p><b>2 relays board kit</b> to be used to manage dehumidifiers or three-way valve winter/summer</p>		3.031943
<p><b>Expansion kit</b> to be used to manage three-way valve winter/summer</p>		3.031944




\* Temperature control class with default settings. The class depends on the settings and operation modes that can be changed, for example Modulating or ON/OFF. The use of these devices contributes, in percentage, to the seasonal energy efficiency of the heating system.

\*\* Also available in wireless version

# Option kits for TRIO HYDRO system ELECTRIC

Type		Code
<p><b>SOLAR CONTAINER</b> (recessed frame) it allows the housing of the main components (with the exception of the external unit). It comes with the pipes set-up for the installation of the TRIO HYDRO, hydraulic components and flue system. The frontal access allows the complete system maintenance.</p>	 <p>Dimensions (H x W x D) mm 2200 x 950 x 350 Empty weight: 64 kg</p>	3.020166
<p><b>DOMUS CONTAINER</b> (technical box) it allows the housing of the main components (with the exception of external unit). Can be easily placed in any room of the house, there is no need for wall predisposition to install the TRIO HYDRO, hydraulic components and flue system. The frontal access allows the complete system maintenance.</p>	 <p>Dimensions (H x W x D) mm 2110 x 975 x 365 Empty weight: 70 kg</p>	3.022167
<p><b>Aesthetic upper cover for DOMUS CONTAINER</b></p>		3.027175
<p><b>Additional mixed 2nd zone kit</b> <b>NEW</b></p>		3.031483
<p><b>50 litres recessed buffer tank</b> Ideal for TRIO HYDRO 12 with SOLAR CONTAINER</p>	 <p>Dimensions (H x W x D) mm 410 x 950 x 350</p>	3.027709
<p><b>Connection kit for vertical zones (bottom connection)</b> <b>NEW</b> including fittings, 4 shut-off knobs and predisposition to insert the "Y" filters for zone 1 and 2</p>		3.032257
<p><b>Connection kit for horizontal zones (side connection)</b> <b>NEW</b> including fittings, 4 shut-off knobs and predisposition to insert the "Y" filters for zone 1 and 2</p>		3.032256
<p><b>Connection kit for rear zones (rear connection)</b> <b>NEW</b> including fittings, 4 shut-off knobs and predisposition to insert the "Y" filters for zone 1 and 2</p>		3.032258

# Option kits for TRIO HYDRO system ELECTRIC

Type		Code
<b>Condensate antifreeze heating cable kit</b> for external unit TRIO HYDRO 5		3.027385
<b>Wall mounting brackets</b> for external unit TRIO HYDRO 5/8		3.022154
<b>Connection kit</b> with anti-vibration flexible pipes and shut-off knobs 1"		3.025954
<b>DHW recirculation kit</b> (pump not included)*		3.026169
<b>Anti-scale kit</b> <b>NEW</b> (indoor only)*		3.032261
<b>Anti freeze protection kit -15 °C</b> (for external installations)		3.017324
<b>3 kW integration electric resistance kit</b> <b>NEW</b>		3.031937
<b>Solar kit</b> <b>NEW</b> composed of: plate heat exchanger, single solar pump station (with low consumption circulation pump), solar central unit, connection pipes, hydraulic fittings, mixing valve, 18 litres solar expansion vessel, temperature probes ( for collectors and storage tank). For solar collector and relative accessories see page 110		3.031603
<b>Low temperature safety kit</b>		3.013794
<b>3-way diverter valve kit</b> to be used as diverter valve for heating/cooling switching		3.020632

\* Recirculation kit and anti-scale kit cannot be installed together

## Dehumidifier

<b>Dehumidifier kit</b> to be used with radiant systems that also work in cooling mode (only for recessed installation with codes 3.022146 and 3.022147.		3.021529
<b>Dehumidifier back frame kit</b>		3.022146
<b>Dehumidifier front grille kit</b>		3.022147

## Mechanical ventilation unit\*

<b>ZENITAIR-MONO</b> Mechanical bidirectional ventilation unit		3.030601
<b>External cover kit with acoustical insulation for ZENITAIR-MONO</b> anti-insect net and anti-wind in pre-painted steel		3.030636

\* For further information see page 45



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