

**IMMERGAS**

***Brochure***



# MAGIS M4/6/8/12/14/16 NEW

Hydronic monobloc **single-phase heat pumps**

- Pre-loaded refrigerant fluid R32;
- Remote control panel (with chronothermostat function) as standard;
- Including external probe, condensate discharge fitting, "Y" filter, 3 bar valve, 8 litres D.H.W. expansion vessel, low consumption pump system; probe to manage D.H.W. or 2nd mixed zone heating set point till 65°C
- Possibility to realize integrated system (MAGIS M + gas boiler) with system controller
- Possibility to manage 1 zone heating/cooling, 1 zone only heating and 1 mixing valve
- Photovoltaic contact/Smart Grid
- Simple and multiple cascade



Model	Dimensions (H x W x D) mm	Weight kg
4	712 X 1295 X 429	86
6	712 X 1295 X 429	86
8	865 X 1385 X 526	105
12	865 X 1385 X 526	129
14	865 X 1385 X 526	129
16	865 X 1385 X 526	129

Model	Code	Heating output kW	Cooling output kW	Power supply V	Refrigerant gas
MAGIS M4	3.032372	4,20	4,50	230	R32
MAGIS M6	3.032373	6,35	6,50	230	R32
MAGIS M8	3.032374	8,40	8,30	230	R32
MAGIS M12	3.032375	11,70	12,00	230	R32
MAGIS M14	3.032376	14,50	13,50	230	R32
MAGIS M16	3.032377	15,90	14,20	230	R32

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 NEW

## M12/14/16/18/22/26/30 T

Hydronic monobloc **three-phase heat pumps**

- Pre-loaded refrigerant fluid R32;
- Remote control panel (with chronothermostat function) as standard;
- Including external probe, condensate discharge fitting, "Y" filter, 3 bar valve, 8 litres D.H.W. expansion vessel, low consumption pump system; probe to manage D.H.W. or 2nd mixed zone heating set point till 65 °C (from 12 to 22 model) heating set point till 60 °C (from 26 to 30 model)
- Possibility to realize integrated system (MAGIS M + gas boiler) with system controller
- Possibility to manage 1 zone heating/cooling, 1 zone only heating and 1 mixing valve
- Photovoltaic contact/Smart Grid
- Simple and multiple cascade
- Ermetically sealed



MAGIS M12/14/16/18/22 T



MAGIS M26 T



MAGIS M30 T









Model	Dimensions (H x W x D) mm	Weight kg
12 T	865 x 1385 x 526	144
14 T	865 x 1385 x 526	144
16 T	865 x 1385 x 526	144
18 T	1558 x 1129 x 528	177
22 T	1558 x 1129 x 528	177
26 T	1558 x 1129 x 528	177
30 T	1558 x 1129 x 528	177

Model	Code	Heating output kW	Cooling output kW	Power supply V	Refrigerant gas
MAGIS M12 T	3.032378	11,70	12,00	400	R32
MAGIS M14 T	3.032379	14,50	13,50	400	R32
MAGIS M16 T	3.032380	15,90	14,20	400	R32
MAGIS M18 T	3.032381	18,00	18,50	400	R32
MAGIS M22 T	3.032382	22,00	23,00	400	R32
MAGIS M26 T	3.032383	26,00	27,00	400	R32
MAGIS M30 T	3.032384	30,10	31,00	400	R32

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 M

Type		Code
<b>System controller</b> Temperature control class VI* or VIII Contribution to seasonal space heating energy efficiency 4%* or 5%		Dimensions (H x W x D) mm 110 x 105 x 60 3.021522
<b>Remote Control Panel</b> modulating remote control only for system controller Temperature control class V* or VI Contribution to seasonal space heating energy efficiency 3%* or 4%		Dimensions (H x W x D) mm 100 x 129 x 37 3.030863
<b>Remote control kit</b> modulating remote control only for system controller Temperature control class V or VI* Contribution to seasonal space heating energy efficiency 3% or 4%*		Dimensions (H x W x D) mm 143 x 86 x 36 3.023364
<b>Temperature/humidity active sensor kit</b> to be used with radiant systems that also work in cooling mode only for system controller. Temperature control class V or VI* Contribution to seasonal space heating energy efficiency 3% or 4%*		Dimensions (H x W x D) mm 127 x 80 x 30 3.021524
<b>External probe kit</b> to be used when external probe as standard on heat pump is not correctly exposed. Only for system controller. Temperature control class II*, VI or VII Contribution to seasonal space heating energy efficiency 2%*, 4 or 3,5%		3.015266
<b>Modbus RS-485 electronic board kit</b> Only for system controller.		3.029912
<b>System controller expansion kit**</b> Only for system controller		Dimensions (H x W x D) mm 110 x 70 x 60 3.021547
<b>Solar collector temperature probe kit</b> Only for system controller		3.019374
<b>EMR 12 VDC relay kit</b> Only for system controller		3.023945
<b>SSR 6 VDC relay kit</b> Only for system controller		3.023946
<b>Storage tank NTC probe**</b> Only for system controller		3.019375
<b>Low temperature safety kit</b> For direct zone of hydraulic kits 3.021527 or other configuration with system controller		3.013794

\* Temperature control class with default settings. Some heat regulation device can change class depending 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.

\*\* Standard accessory in the hydraulic kits code 3.021527 and 3.021528 (see page 77).

# Thermoregulation for MAGIS M

Type			Code
<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>CRONO 7 WIRELESS</b> Weekly digital wireless 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> <p>Dimensions (H x W x D) mm 82 x 105 x 26</p>	3.021624
<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>Probe kit for MAGIS M4/30</b> <b>NEW</b></p>			3.033324

\* Temperature control class with default settings. Some heat regulation device can change class depending 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 M

## OMNISTOR 300 and 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

# Option kits for MAGIS M

Type		Code
<p><b>Distribution manifold kit for 1 direct and 2 mixed temperature zones* for MAGIS M4/6/8</b> To be used only with system controller. The kit includes an expansion for the system controller for each zone, a 24 Vac transformer and an NTC probe for each mixed delivery. Wall-hung or recessed installation.</p>		3.021527
<p><b>Distribution manifold kit for 2 mixed temperature zones for MAGIS M4/6/8</b> To be used only with system controller. The kit includes an expansion for the system controller for each zone, a 24 Vac transformer and an NTC probe for each delivery. Wall-hung or recessed installation.</p>		3.021528
<p><b>Dehumidifier kit</b> (to be used only with system controller) to be used with radiant systems that also work in cooling mode (only for recessed installation with codes 3.022146 and 3.022147).</p>		3.021529
<p><b>Dehumidifier back frame kit</b> (to be used only with system controller) to be used with radiant systems that also work in cooling mode.</p>		3.022146
<p><b>Dehumidifier front grille kit</b> (to be used only with system controller) to be used with radiant systems that also work in cooling mode.</p>		3.022147
<p><b>3-way diverter valve kit</b> Only for model until 16 kW to be used as diverter valve for heating/cooling switching to esclude the buffer during cooling functioning and DHW priority.</p>		3.020632
<p><b>12 litre system expansion vessel kit</b></p>		3.011679
<p><b>Integration electric resistance kit 2, 4 or 6 kW for heating system</b></p>		3.021525
<p><b>Antivibration supports (3 pieces) for MAGIS M4/30</b> <b>NEW</b></p>		3.032854
<p><b>Connection kit with anti-vibration flexible pipes and shut-off knobs 1" for MAGIS M4/6</b></p>		3.025954
<p><b>Connection kit with anti-vibration flexible pipes and shut-off knobs 1" ¼ for MAGIS M8/12/14/16/18/22/26/30 T</b> <b>NEW</b></p>		3.032846

\* Direct zone means operating at the maximum temperature settable.

# Option kits for MAGIS M


Type		Code
<b>Vertical buffer tank 50 litres</b> ideal for outdoor installation for MAGIS M	 <p>Dimensions (H x W x D) mm 820 x 360 x 360</p>	3.027539
<b>Buffer tank 75 litres</b> wall-hung or floor-standing installation.	 <p>Dimensions (Ø x H) mm 512 x 717</p>	3.027288
<b>Wall-hung bracket kit for buffer tank 75 litres.</b>		3.027290
<b>Condensate antifreeze heating cable kit</b>		3.027385
<b>INOXSTOR 200 V2*</b> equipped with 2 coils water/water heat exchangers.  Efficiency class C	 <p>Dimensions (Ø x H) mm 620 x 1325</p>	3.027746
<b>Additional 5 kW electric resistance kit for UB 1000/1500/2000 V2 and UB 750 V2</b>		3.020862
<b>Additional 2 kW electric resistance kit for OMNISTOR, INOXSTOR 200/300/500 V2 and UB 300/550/750 V2</b>		3.020861
<b>Double electronic anode kit for OMNISTOR and INOXSTOR V2</b>		3.025003

\* INOXSTOR 300 and 500 V2 are available too (see page 106).



# Option kits for MAGIS M

## Mechanical ventilation unit\*

Type		Code
<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