

MAGIS M
3-PHASE HEAT PUMP

MANUFACTURED BY:



Looking for an energy-efficient
solution for your home?



7 YEAR*
WARRANTY

ELECTRIC HYDRONIC SOLUTIONS

MAGIS M 3-phase heat pumps allow more advanced solutions in any domestic environment delivering hydronic heating. The new range of Immergas heat pumps are air to water heat pumps using inverter technology, ideal for stand-alone systems or combined with additional heat sources and equipment delivering hybrid systems.



Summer/winter
working mode
(reversible)



Twin Rotary DC
inverter compressor
and DC inverter
modulating fan



Control panel as
per standard
(wired) for the
control and
programming



Complete package:
low consumption
pump, water/gas heat
exchanger, 8 litres
integrated expansion
vessel, water flow
switch, 3 bar safety
valve



Many plant
configurations
without the need of
an external control
unit, including
simple cascade of
up to 6 appliances



Reduced noise
emissions

☎ 1300 267 583

📍 Hydronic Heating NSW
866 Bourke St, Waterloo.
NSW 2017

🌐 www.hydronicnsw.com.au
✉ info@hydronicnsw.com.au

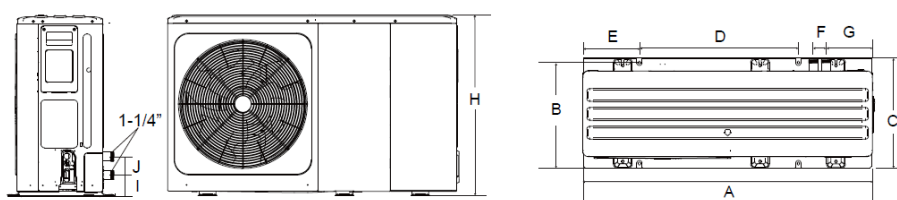
MAGIS M 3-PHASE HEAT PUMP

ELECTRIC HYDRONIC SOLUTIONS

Outputs & Dimensions

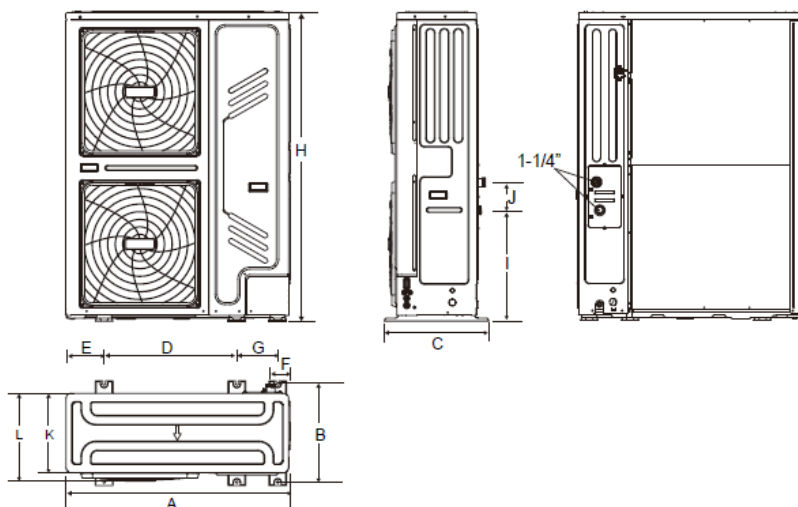
Technical data		MAGIS M 12 KW	MAGIS M 14 KW	MAGIS M 16 KW	MAGIS M 18 KW	MAGIS M 22 KW	MAGIS M 26 KW	MAGIS M 30 KW
Power Supply	V-ph-Hz	415-3-50						
Heating Output	kW	12.10	14.50	15.90	18.00	22.00	26.00	30.10
COP (A7/W35)		4.95	4.60	4.50	4.70	4.40	4.08	3.91
Cooling Output	kW	12.00	13.50	14.90	18.50	23.00	27.00	31.00
EER (A35/W18)		3.95	3.61	3.40	4.75	4.60	4.30	4.00
Working Range - Heating	°C	-25/+35°C	-25/+35°C	-25/+35°C	-25/+35°C	-25/+35°C	-25/+35°C	-25/+35°C
Working Range - Cooling	°C	-5/+43°C	-5/+43°C	-5/+43°C	-5/+46°C	-5/+46°C	-5/+46°C	-5/+46°C
Maximum Water Temperature	°C	65°C	65°C	65°C	60°C	60°C	60°C	60°C
Refrigerant Gas		R32						
Hydraulic Circuit Maximum Pressure	kPa	300						
Maximum Current Absorption	A	14	14	14	18	21	24	28
Expansion Vessel Volume	L	8						
Sound Power Level	dB(A)	65	65	69	71	73	75	77
Operating Weight	kg	172	172	172	206	206	206	206

MAGIS 12-16KW



A	B	C	D	E	F	G	H	I	L
1385 mm	482 mm	526 mm	760 mm	270 mm	60 mm	221 mm	865 mm	102 mm	81 mm

MAGIS 12-16KW

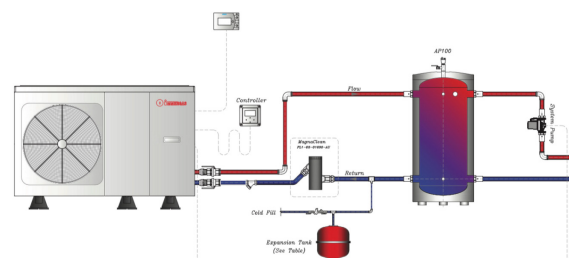


A	B	C	D	E	F	G	H	I	J	K	L
1129 mm	494 mm	528 mm	668 mm	192 mm	98 mm	206 mm	1558 mm	558 mm	143 mm	400 mm	440 mm

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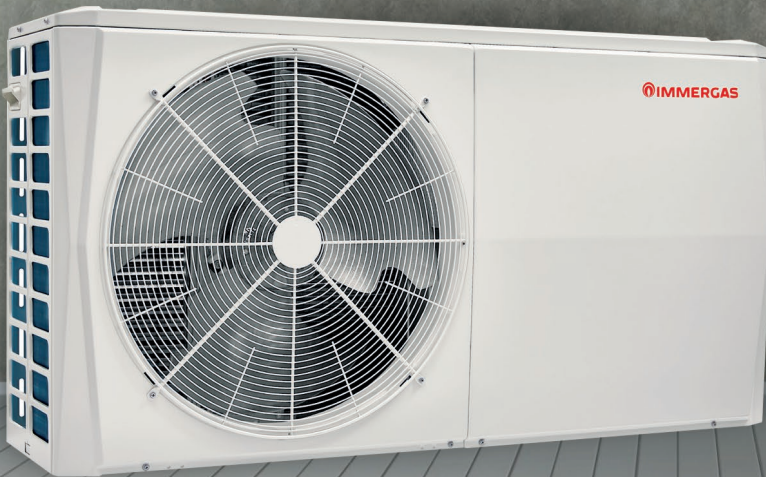
HEAT PUMP THERMOSTAT & CONTROLLER



Typical Installation With Additional Required Components

MAGIS M
SINGLE PHASE HEAT PUMP

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ELECTRIC HYDRONIC SOLUTIONS

MAGIS M single phase heat pumps allow more advanced solutions in any domestic environment delivering both hydronic heating and cooling as well as domestic hot water. The new range of Immergas heat pumps are air to water heat pumps using inverter technology, ideal for stand-alone systems or combined with additional heat sources and equipment delivering hybrid systems.



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working mode
(reversible)



Twin Rotary DC
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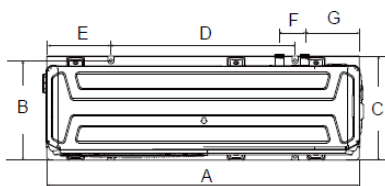
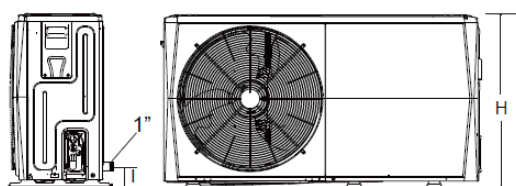
MAGIS M SINGLE PHASE HEAT PUMP

ELECTRIC HYDRONIC SOLUTIONS

Outputs & Dimensions

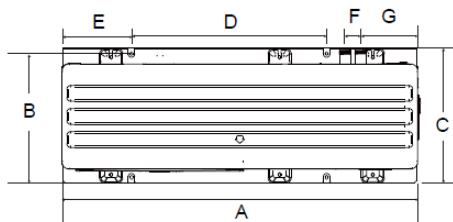
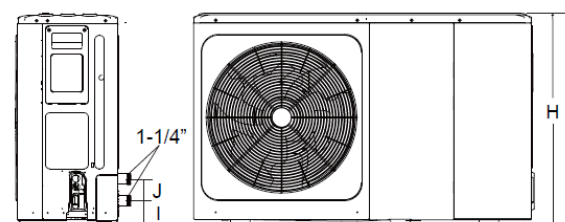
Technical data		MAGIS M 4 KW	MAGIS M 6 KW	MAGIS M 8 KW	MAGIS M 12 KW	MAGIS M 14 KW	MAGIS M 16 KW
Power Supply	V-ph-Hz	230-1-50					
Heating Output	kW	4.20	6.35	8.40	12.10	14.50	15.90
COP (A7/W35)		5.10	4.95	5.15	4.95	4.60	4.50
Cooling Output	kW	4.50	6.50	8.30	12.00	13.50	14.90
EER (A35/W18)		5.50	4.80	5.05	3.95	3.61	3.40
Working Range - Heating	°C	-25/+35°C	-25/+35°C	-25/+35°C	-25/+35°C	-25/+35°C	-25/+35°C
Working Range - Cooling	°C	-5/+43°C	-5/+43°C	-5/+43°C	-5/+43°C	-5/+43°C	-5/+43°C
Maximum Water Temperature	°C	65°C	65°C	65°C	60°C	60°C	60°C
Refrigerant Gas		R32					
Hydraulic Circuit Maximum Pressure	kPa	300					
Maximum Current Absorption	A	18	18	19	30	30	30
Expansion Vessel Volume	L	8					
Sound Power Level	dB(A)	55	58	59	65	65	68
Operating Weight	kg	109	109	132	155	155	155

MAGIS 4-6KW



A	B	C	D	E	F	G	H	I
1295 mm	397 mm	429 mm	760 mm	265 mm	105 mm	225 mm	712 mm	81 mm

MAGIS 8-16KW

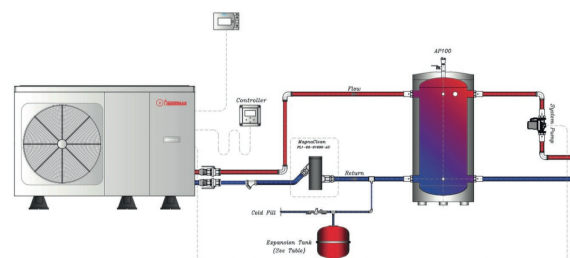


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1385 mm	482 mm	526 mm	760 mm	270 mm	60 mm	221 mm	865 mm	102 mm	81 mm

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