

EN



HEAT PUMP
anima

MADE IN ITALY

Invert
ENERGY IN ACTION

ANIMA

HEAT PUMP FOR THE PRODUCTION OF HOT DOMESTIC WATER

The Invent heat pump water heaters enable you to heat hot domestic water in the most economical and ecofriendly ways; this entails a very reduced amount of electricity consumption thanks to the exploitation of the free air and solar energy.

HEAT PUMP TECHNOLOGY

The Invent water heaters exploit the lower temperature air heat and transfer it to domestic water increasing the temperature degree.

The basic mechanism is the opposite as compared to the one adopted for fridges.

The main characteristic relating to the functioning of the heat pump is that it entails "energy saving". The heat pump in fact generates hot water and to this purpose it exploits both direct and indirect solar energy, coming from air and sun of course, with no use of fossil fuels at all.

HEAT PUMP ANIMA

Anima is the top model of Invent's range of heat pumps for hot domestic water production.

Features:

- High efficiency rotary compressor
- Tank of 80 lt
- Environmentally friendly refrigerant R134a
- Quiet and reliable

Anima is small, easy to install thanks to the fact that it can be positioned either on the floor or on the wall inverting the position of the display.

The heat pump Anima is equipped with a sophisticated electronic control unit by which it is possible to activate all the functions.

An intuitive and easy to use display that consists of keyboard and LCD display.

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High efficiency rotary compressor

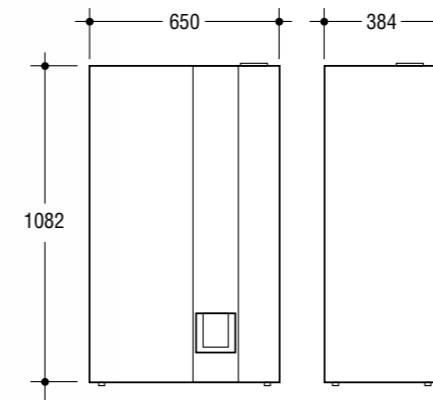
Tank 80 lt.

Display LCD

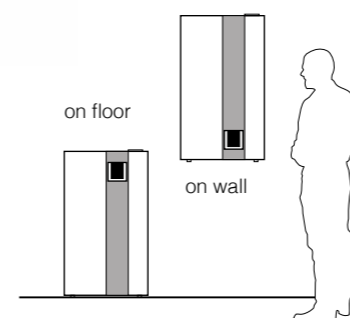
Refrigerant R134a ecofriendly

Installation on floor and wall

DIMENSIONS (mm)



INSTALLATION



TECHNICAL DATA

Average COP *		>3,4
Thermal heat output *	W	2040
Nominal electrical power consumption *	W	540
Maximum electrical power consumption	W	800
Electrical resistance integration	kW	1,5
Max. temperature of hot domestic water	°C	60
Electrical protection compressor		Bimetallic thermostat in contact
Compressor type		Rotary
Internal evaporator		Copper-hydrophilic aluminum finned battery
Internal fan		Centrifugal with external rotor motor
Nominal air flow	m ³ /h	300
Available head	Pa	180
Aeraulic connections diameter	mm	100
Max distance aeraulic connections	M	6
Refrigerant connections	"	1/4 +3/8 SAE
Max length refrigerant lines	m	8
Maximum drop	m	6
Refrigerant (R134a)	gr	450
Operating range	°C	-8÷45
Type of defrost		Warm gas
Sound power level **	dB	52
Sound pressure level (at 1mt) **	dB	42
Weight	Kg	37

* Room air 25 °C, humidity 71 %, temperature accumulation 55 °C (EN 255-3)
** Measurements are made according to the standard ISO03744.
Sound level pressure is measured at 1 meter from the external surface of the appliance, outdoor and without canalization.



Certifying authorities:

ISO 9001:2008
BS OHSAS 18001:2007
ISO 14001:2004



Invent is a PV CYCLE's member

Credits



WELL-TECH 2007
Premio all'Innovazione Tecnologica

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