

HEATING

HOT WATER

NEW

Water heater with heat pump. 150 litre "In Room" monobloc series

- Water heater with heat pump, monobloc on base
- Refrigerant gas R134A
- 150 litre stainless steel tank
- Hot water up to 60°C with a single compressor
- COP 3.52*
- Anti-legionella cycle
- Multi-functional control panel:
 - clock, timer, night programming, absence and holiday programming
 - Operating mode: standard, energy savings, fast operation, e-heater



GAS
R134A

EN 16147 certification from an accredited third party laboratory Intertek.

Intertek

>60°C
with a single compressor

Stainless steel tank.



Anti-legionella cycle

ErP Ready

HWMGS 1150 A

* In accordance with EN 16147.

Energy class

HWMGS 1150 A



A

High efficiency: efficiency class **A+** in accordance with the new 2017 ErP limits (effective from 26/09/2017)

Tax Deductions
50%
building renovation

THERMAL ACCOUNT 2.0

Tax Deductions
65%
energy redevelopment



Cold water inlet diffuser (with micro-holes to limit turbulence and water mixing)



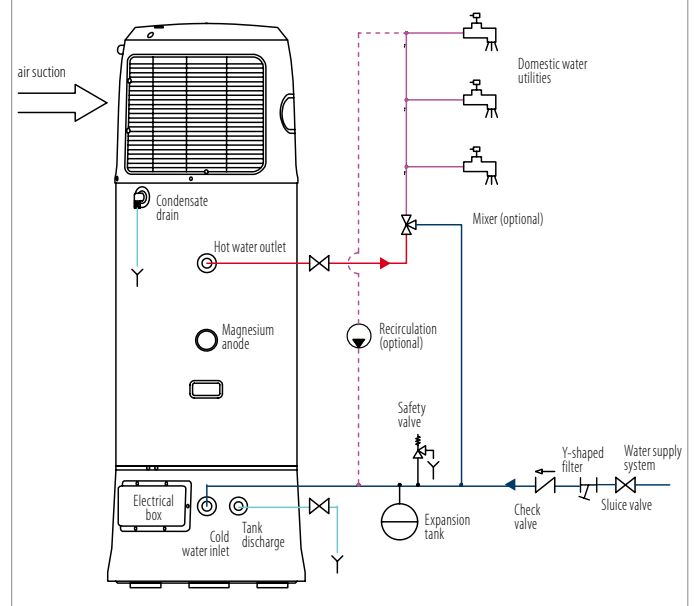
Flat microchannel aluminium heat exchanger (greater contact surface with the tank and better heat exchange)



Further tube winding on the bottom of the "nest effect" tank (higher useful DHW volume)

| Model | | HWMGS 1150 A | |
|--|--|-------------------|---------------------|
| Tank volume | L | | 150 |
| Rated thermal power ¹ | W | | 1500 |
| Rated power consumption ¹ | W | | 429 |
| Rated hot water production capacity ¹ | L/h | | 32 |
| COP (rated) ¹ | W/W | | 3.50 |
| COP _{DHW} ² | W/W | | 3.52 |
| Test cycle profile ² | - | | L |
| Volume of hot water at 40°C ² | L | | 161 |
| Energy Efficiency Class ³ | - | | A* |
| IP Degree of protection | - | | IPX4 |
| Hot water T. adjustment interval | °C | | 35~70 (55 default) |
| Electrical data | Power | - | 220-240 Vac / 50 Hz |
| | Integrative heating element | W | 1500 |
| | Maximum absorption (including heating element) | W | 2500 |
| | Isolation level | - | I |
| Refrigerant | Type | - | R134a |
| | Quantity | kg | 0.8 |
| Compressor | - | | Rotary ON/OFF |
| Dimensions | Unit Ø x H | mm | 591 x 1685 |
| | Packaging L x D x H | mm | 703 x 703 x 1765 |
| Net weight/Gross weight | kg | | 74/88 |
| Sound power level | dB(A) | | 60 |
| Sound pressure level at 1 m | dB(A) | | 50 |
| Tank | Tank material | - | Stainless steel |
| | DHW hydraulic connections | (" - DN) | G1/2 - DN15 |
| | Magnesium anode | - | G3/4" - Ø21 x 400 |
| | Maximum operating pressure | bar | |
| Suctioned air | Operating range | °C | 0~45 |
| | Rated flow (not ducted) | m ³ /h | 369 |
| | Air flow (ducted) | m ³ /h | Not permitted |
| | Air duct - Diameter | mm | - |
| Air duct - Length | m | | - |

Hydraulic connections diagram



1. Conditions: suctioned air 20°C DB (15°C WB), inlet water 15°C / outlet 55°C. 2. Test in accordance with EN16147; air 20°C.

3. Directive 2009/125/EC - ErP EU no. 814/2013 (TUV Sud certification). *Efficiency class A+ in accordance with the new 2017 ErP limits (effective from 26/09/2017).