



CONDENSING GAS-FIRED HIGH EFFICIENCY HOT WATER HEATER AQUAZ® range

FROM 18 TO 60KW

NEW



CE compliance
 • 2014/68/UE
 • 2014/35/UE



Condensing gas equipment



High efficiency



Enamelled steel tank (WRAS)

DESCRIPTION

Tank

- Vertical carbon steel tank on palettisable permanent base.
- Capacity from 205 to 380L.
- Maximum working pressure = 7 bar - Test pressure = 10 bar.
- Tappings according to standard positions and description below:
 - 2 X 20/27 Male (anodes)
 - 2 X 26/34 Male (cold water inlet + hot water outlet).
 - 1 X 26/34 Female for drainage.
 - 4 X 15/21 for 3 immersion sleeves (supplied) and 1 pressostat.
- ø 110mm inspection and cleaning nozzle (at the bottom of the tank).
- Two magnesium protection anodes.

Internal coating (in accordance with DIN 4753-3)

Glass-lined steel, baked at 880°C.

Thermal insulation

Fire proof rating : M0 (Euroclass A2)

- Glass wool - 80 mm thick ($\lambda = 0.032 \text{ W/m/K} - 30\sim 40 \text{ kg/m}^3$)
- + pre-painted sheet (ErP Class A).

GAS EQUIPMENT

- Compact burner with premix gas compatible with all gas*.
- Power 18/36/60 kW.
- NOx Class 5 according to EN89 norm.
- Efficiency up to 109% on NCV.
- DN20 gas inlet pressure.

*Nature and gas pression must be specified with the order to preset the material.

Other components

- Regulation and programming system with different configurable functions.
- Control of functional and safety display with large backlit.
- Anti-legionella program integrated.
- Two regulation temperature probes.
- Water shortage pressure detector.
- Safety thermostat.

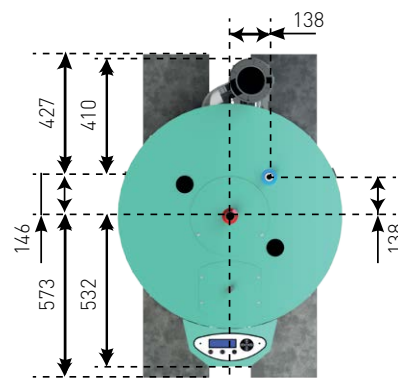
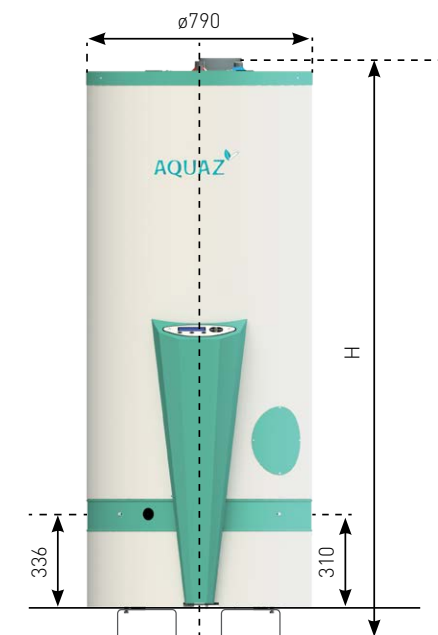
Option

Impressed current cathodic protection.

Warranties (in accordance with our general conditions of sale)

- Tank = 3 years.
- Components = 1 year (components warranty up to 2 years optional - under conditions : commissioning must be done – with official certificate – by an approved company)..

DIMENSIONS



Capacity (litres)	Power (kW)	Diameter (mm)	Height H (mm)
202	18	790	1 348
269	36	790	1 663
380	60	790	2 023

* Dimensions in mm.

TECHNICAL SPECIFICATIONS

Technical description	Unity	AQUAZ 18 kW	AQUAZ 36 kW	AQUAZ 60 kW
Total capacity	Litres	202	269	380
Calorific power (thermal)	kW	18	36	60
Useful power	kW	19.4	38.8	64,8
Combustion efficiency	%	Up to 109%		
Reheating time ($\Delta T = 45\text{ °C}$)	min	39	21	22
Continuous production ($\Delta T = 25\text{ °C}$)	l/h	600	1320	2 256
Continuous production ($\Delta T = 45\text{ °C}$)	l/h	330	690	1170
Natural gas nominal flow (G20 – 20/300 mbar)*	m3/h	1.9	3.72	6,2
- NCV :	kWh/m3	9.52	9.52	9,52
- Air flow *:	m3/h	11.3	22.5	75
Natural gas nominal flow (G25 – 25/300 mbar)*	m3/h	2.2	4.4	7,33
- NCV :	kWh/m3	8.19	8.19	8,19
- Air flow *:	m3/h	11.3	22.5	75
Nominal flow G31 (G31 – 37/50 mbar)*	m3/h	0.8	1.5	2,44
- NCV :	kWh/m3	24.69	24.69	24,64
- Air flow *:	m3/h	21.6	44.2	72
Total absorbed electrical power 230 V ~ 50 Hz (IP 20)	W	100	120	235
Maximum working pressure	Bar	7	7	7
Maximum test pressure	°C	80	80	80
Overall dimensions (L x l x H)	mm	1 086 x 838 x 1313	1 086 x 838 x 1673	1 086 x 838 x 2023
Tare weight	Kg	169	244	280
Full weight	Kg	371	513	660
NOx class		5	5	5

*Gas and new air flow (m3/h) : 1013.25 mbar, 15°C).

AVAILABLE MODELS AND PRICES

AQUAZ Model

Reference	Description
AQUAZ18G31	AQUAZ 18 Kw Propane 37 Mbar
AQUAZ18G20	AQUAZ 18 Kw Natural gas 20 Mbar
AQUAZ36G31	AQUAZ 36 Kw Propane 37 Mbar
AQUAZ36G20	AQUAZ 36 Kw Natural gas 20 Mbar
AQUAZ60G31	AQUAZ 60 Kw Propane 37 Mbar
AQUAZ60G20	AQUAZ 60 Kw Natural gas 20 Mbar

Exhaust configurations C13 and C33

Reference	Description
50030020016	Adjustable horizontal terminal 100-150 EI
50030020017	Horizontal terminal 100-150 EI
50030020018	Vertical terminal 100-150 EI inox
50030000003	Elbow A 45° 100-150 EI
50030000004	Elbow A 90° 100-150 EI
50030020020	Adjustable universal bracket 130A 210 MM
50030020021	Universal support
50030020001	Solin roof tile 15 à 30° EI Black
50030020002	Solin roof tile 15 à 30° EI Brick
50030020003	Solin roof tile 30 à 45° EI Black
50030020004	Solin roof tile 30 à 45° EI Brick
50030020005	Solin slate 30-45° 150 EI Black
50030020006	Solin flat roof 100-150 EI Black
90060000001	Silicone greas 30 ml tube

Equipments of materials

Reference	Description
50030020013	Chimney adapter 100-150 EI
50030010002	Adjustable element
50030010006	Straight element 1000 100-150 EI
50030010007	Straight element 450 100-150 EI
50030010008	Straight element 250 100-150 EI
50030020014	Pipe suspension brocket 150 SLCD
50100006001	Straight element PPA L 245MM Ø80

Exhaust configurations C53 (double flow) et B23P

Reference	Description
50030020007	Vertical terminal 100 BF
50030020008	Horizontal terminal 100 BF
50030010018	Straight element 1000 100 BF
50030010019	Straight element 450 100 BF
50030010020	Straight element 250 100 BF
50030010034	Adjustable element 30-50 100 BF
50030000001	Elbow element 45° 100 BF
50030000002	90° elbow element 100 BF
50030020019	Separator 100-100 BF / 100-150 EI
50030020009	Adapter 100 B23P - 100 EI
50030020010	Universal support 100 BF
50030020011	Cleanliness rosette 100 BF
50030020012	Suspension bracket 100 SLCD