ARISTON
The home of sustainable comfort

FAST R / FAST EVO information sheet

CORRECT INSTALLATION

The appliance may only be installed by a gas installer registered with the SAQCC, and installed in accordance with the requirements of SANS 10087-1 for the use with LPG, SANS 827 for the use with NG.
All gas appliances must be verified to ensure LP Gas appliances conform LP Gas appliances conform with the SANS 1539 specification.

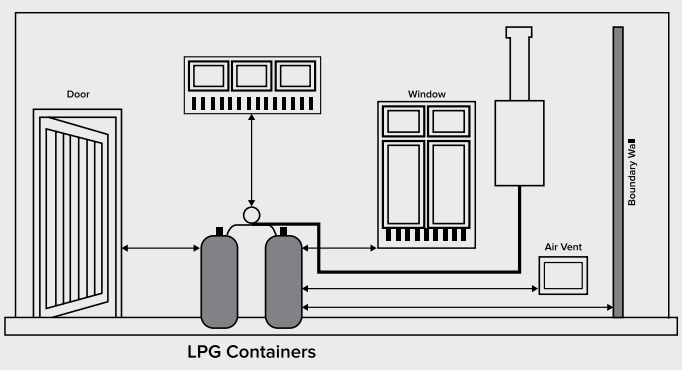
CONSTANT TEMPERATURE | LOW PRESSURE START | MAXIMUM SAFETY | BATTERY POWERED IGNITION | WARRANTY | ITALIAN DESIGN

LOCATION OF INSTALLATION

Ariston gas instantaneous water heaters gives you the flexibility to install on virtually any wall inside or outside your home.

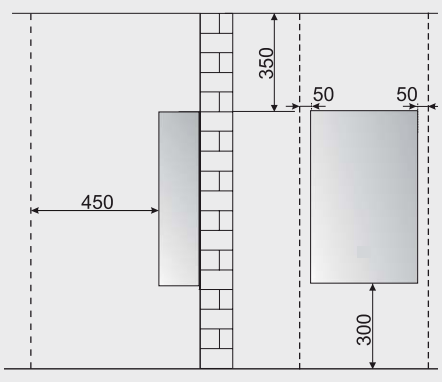
INSTALLATION POSITION

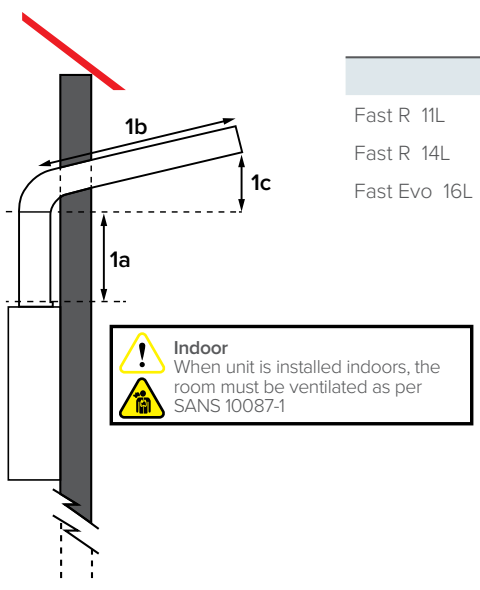
Refer to the requirements of SANS 10087-1, SANS 827, local fire department and/or local by-laws for the correct placement of your gas equipment and appliances.



MINIMUM CLEARANCES

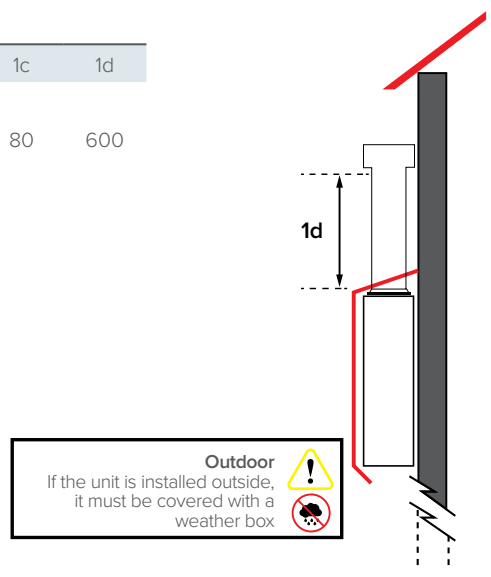
In order to allow easy access to appliances for maintenance operations. The appliance must be installed in accordance with the clearances stated below.





Flue Dimensions (mm)

	Ø	1a	1b	1c	1d
Fast R 11L	112				
Fast R 14L	132	≥500	1000	80	600
Fast Evo 16L	132				



UNIT MUST BE INSTALLED WITH A FLUE

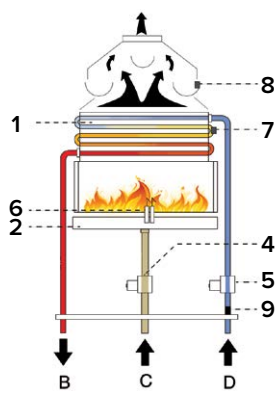
WHAT SIZE DO I NEED?

With gas instantaneous water heaters it doesn't really matter how many people there are in your house. What matters more is how many of them are going to use hot water at the same time. GIWH provide endless hot water on demand, but is limited to the flow rate of the unit. A unit with 16l/min would only be able to supply hot water at a flowrate of 16l/min, which would be sufficient for most showers. For any additional shower you open, the 16l/min would have to be shared among the shower, which will result in a reduced flow and user experience at each shower. Therefore it is extremely important to understand the peak flow required at any given time. We recommend using Low Flow fittings in showers and on taps to get the best results from your water heater.

HOW DOES A GAS INSTANTANEOUS WATER HEATER WORK?

A Gas Instantaneous Water Heater does not store any water, it heats up cold water as it flows through the unit. Once a tap is opened and the water starts flowing, the unit picks up that there is flow through a sensor (5). As this happens the gas valve (4) opens and the Ignition electrode ignites the gas (a ticking will be heard as a spark is created by the electrode). The cold water then runs through the Heat Exchanger (1) and gets heated to the selected setting. The unit has many sensors for increased safety. If the unit gets too hot, it will be shut off by the sensors (7) or (8). If the flame is extinguished, the electrode (6) will shut off the gas supply.

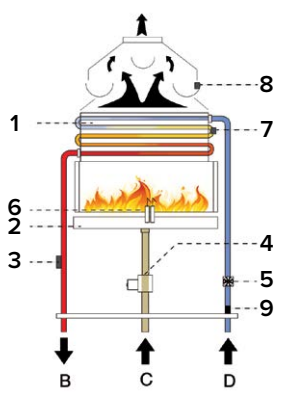
FAST R



1. Heat exchanger
2. Burner
3. -
4. Gas valve
5. Water valve
6. Ignition and detection electrode
7. Overheat thermostat
8. Fume sensor
9. Cold water inlet filter

B. Hot water outlet 1/2"
C. Gas Inlet 1/2"
D. Cold water inlet 1/2"

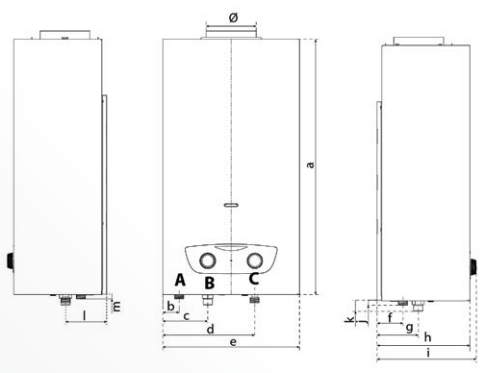
FAST EVO



1. Heat exchanger
2. Burner
3. Hot water temperature sensor
4. Gas valve
5. Water flow switch
6. Ignition and detection electrode
7. Overheat thermostat
8. Fume sensor
9. Cold water inlet filter

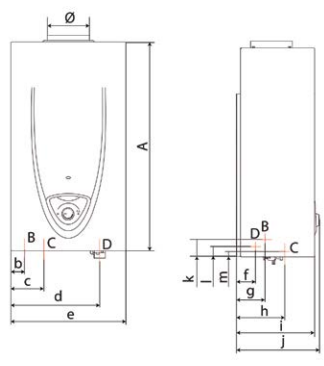
B. Hot water outlet 1/2"
C. Gas Inlet 1/2"
D. Cold water inlet 1/2"

TECHNICAL INFORMATION



FAST R

A. Hot water outlet G1/2"
B. Gas inlet G1/2"
C. Cold water inlet G1/2"



FAST EVO

B. Hot water outlet 1/2"
C. Gas Inlet 1/2"
D. Cold water inlet 1/2"

Flue Dimensions

	Ø	a	b	c	d	e	f	g	h	i	j	k	l	m
Fast R 11L	112	550	44.5	109.3	215.8	325	44.3	111.4	210	223.7	25.7	28	111.4	24.5
Fast R 14L	132	580	70	132	238	370	28.8	93.9	210.8	225.5	11.4	25	92.8	20.1
Fast R 16L	132	580	70	117	264	370	48	58.8	131.5	230	250	23	11.2	22.5

Fast Evo
Fast R

Gas Instantaneous Water Heaters