

1 GAS CONNECTION

- ▶ for single GAHP units and GA ACF: 3/4" GF
 - ▶ for single units AY00-120 and groups Gitié: 3/4" GM
 - ▶ for pre-assembled groups: 1" 1/2 F
- on the right side, at bottom (see dimensional diagrams of individual units or preassembled group).

For preassembled groups the gas connection may be moved to the left side by moving the blind plug.

- ▶ Install an anti-vibration connection between the appliance and the gas piping.

2 MANDATORY SHUT-OFF VALVE

- ▶ Provide a gas shut-off valve (manual) on the gas supply line, next to the appliance, to isolate it when required.
- ▶ Perform connection in compliance with applicable regulations.

3 GAS PIPES SIZING

The gas pipes must not cause excessive load losses and, consequently, insufficient gas pressure for the appliance.

4 SUPPLY GAS PRESSURE

The appliance gas supply pressure, both static and dynamic, must comply with 4.1 p. 1 Table below, with tolerance $\pm 15\%$.



Gas pressure non compliant with the Table may damage the appliance and be hazardous.

Table 4.1 Gas network pressure

Product category	Countries of destination	Gas supply pressure							
		G20 [mbar]	G25 [mbar]	G30 [mbar]	G31 [mbar]	G25.1 [mbar]	G25.3 [mbar]	G27 [mbar]	G2,350 [mbar]
II _{2H3B/P}	AL, BG, CY, CZ, DK, EE, FI, GR, HR, IT, LT, MK, NO, RO, SE, SI, SK, TR	20		30	30				
	AT, CH	20		50	50				
II _{2H3P}	BG, CH, CZ, ES, GB, HR, IE, IT, LT, MK, PT, SI, SK, TR	20			37				
	RO	20			30				
	AT	20			50				
II _{2ELL3B/P}	DE	20	20	50	50				
II _{2ESi3P} ; II _{2Er3P}	FR	20	25		37				
II _{2HS3B/P}	HU	25		30	30	25 (1) (2)			
II _{2E3P}	LU	20			50				
II _{2L3B/P}	NL		25	30	30				
II _{2EK3B/P}	NL	20		30	30		25 (1) (2)		
II _{2E3B/P}		20		37	37				
II _{2ELwLs3B/P}	PL	20		37	37			20 (2)	13 (2)
II _{2ELwLs3P}		20			37			20 (2)	13 (2)
I _{2E(S)} ; I _{3P}	BE	20	25		37				
I _{3P}	IS				30				
I _{2H}	LV	20							
I _{3B/P}	MT			30	30				
I _{3B}				30					

(1) GAHP-AR not approved for G25.1, G25.3 gases.

(2) GA ACF not approved for G25.1, G27, G2,350, G25.3 gases.

5 VERTICAL PIPES AND CONDENSATE

- ▶ Vertical gas pipes must be fitted with siphon and discharge of the condensate that may form inside the pipe.
- ▶ If necessary, insulate the piping.

6 LPG PRESSURE REDUCERS

With LPG the following must be installed:

- ▶ a first stage pressure reducer, close to the liquid gas tank;

- ▶ a second stage pressure reducer, close to the appliance.