



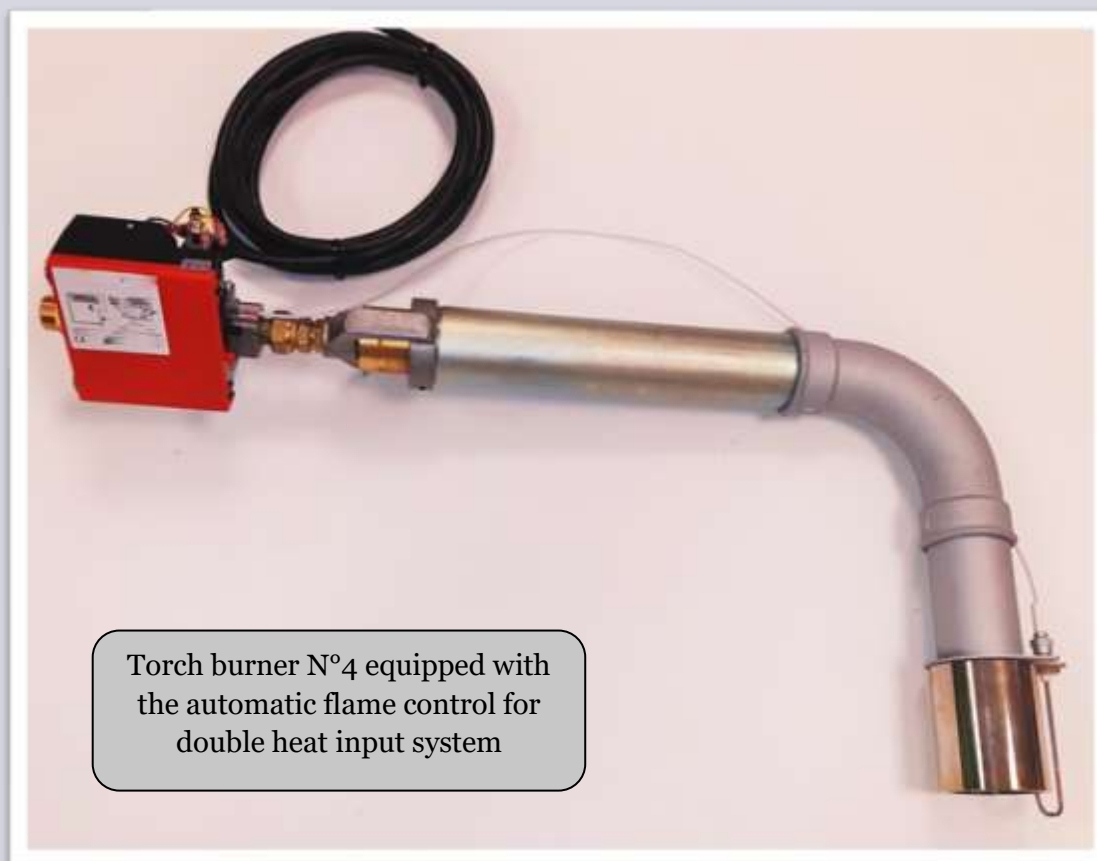
Date : 11/07/2016  
DOC : PS T-1-3-1

## Torch burner BP N°4 range.

**Family:**  
Atmospheric torch burners

**Main applications:**  
Heat exchange tube oven, stone oven,

This torch burner BP N°4 range is essentially adapted for the commercial cooking. Those burners can be straight or with 90° elbow and with the flame nozzle removable (for Wok application). These burners can be equipped with a safety flame thermocouple and with or without pilot, and with automatic flame controller. For multi-burner applications, an ignition bar burner can be proposed. They are manufactured in compliance of the EN 203-1 standard.



Designation	Article code
Straight BP N°4 torch burner with automatic flame controller.	Not referenced
90° elbow BP N°4 torch burner for rock ovens with flame controller.	IND90000835
90° elbow BP N°4 torch burner with flame controller and modulating gas valve.	Not referenced
Automatic flame control system for atmospheric gas burners	To contact AEM
1 command box with 1 the mother board ET35ATBP	41 808 409



## Torch burner BP N°4 range.

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Technical Characteristics	BP N°3
Nominal heat value in natural gas at 20 mbar/in propane at 37mbar	32.0 kW (Hi)
Flame nozzle diameter	75 mm
Flame nozzle raw material	coated ni/cr iron steel
Mechanical system for primary air adjustment	Available
Injector TG 12/17 for natural gas at 20 mbar	420/100 <sup>th</sup>
Injector TG 12/17 for propane at 37 mbar	300/100 <sup>th</sup>
Injector TG 12/17 for butane at 28 mbar	290/100 <sup>th</sup>
Low heat value	16,5 kW (Hi)
Flame nozzle angle available	90° or 180°
Atmospheric venture model	GR9 with sliding venture
Gas inlet spec.	M 1/2'' or 3/4''

The injector diameters can be dimensioned differently regarding the project and the engineering specifications. The heat value is a little lower for butane at 28mbar. Those burners can function with first family gases as G110 at 7.5 mbar, natural gas G25at 25 mbar and in propane G31 at 50 mbar.



command box with 1 mother board ET35ATBP for 1 atmospheric torch burner control for modulating heat input.