

# Fire Pit Insert

## Function

Burner inserts made for do it yourself Fire Pits. Burners can be fuelled either with natural gas or propane (specify on request) and can have a Manual or Automated system operation.

The Automated fire burner assembly comes with flame monitoring technology to maximize safety. Burners are designed for outdoor use, durable and reliable in extreme weather conditions. All of the products are CSA/AGA approved.



## Specifications

### (Automated / Manual Operation)

#### Gas Type

Natural Gas [Nominal pressure: 7"wc]

Propane Gas [Nominal pressure: 11"wc]



FPIS30-A-N

### (Automated operations)

#### Input Voltage

220VAC / 50Hz

(110V Available on request)

#### Output Voltage

24VAC

#### U.L. Control Panel

NEMA3R outdoor box

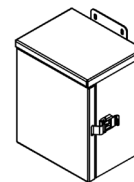
Protection: IP54



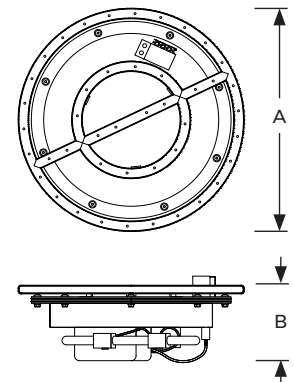
FPIS18-A-N

\*\* Automated system for both Natural Gas and Propane Gas fire bowl includes.

- UL control Panel (can control up to 4 Burners)
- CSA approved burner assembly with flame monitoring technology
- Can be operated remotely from any home or pool operating system



U.L. Control Panel



Model No.	Description	Fuel	Gas Flow (btu/hr)	A (mm)	B (mm)
FBIS9-A-N	9" Fire Pit Burner - Natural Gas	Natural Gas	60,000-80,000	229	168
FPIS18-A-N	18" Fire Pit Burner - Natural Gas	Natural Gas	120,000	458	168
FPIS24-A-N	24" Fire Pit Burner - Natural Gas	Natural Gas	275,000	610	67
FPIS30-A-N	30" Fire Pit Burner - Natural Gas	Natural Gas	400,000	762	67
FBIS9-A-P	9" Fire Pit Burner - Propane Gas	Propane Gas	60,000-80,000	229	168
FPIS18-A-P	18" Fire Pit Burner - Propane Gas	Propane Gas	120,000	458	168
FPIS24-A-P	24" Fire Pit Burner - Propane Gas	Propane Gas	275,000	610	67
FPIS30-A-P	30" Fire Pit Burner - Propane Gas	Propane Gas	400,000	762	67

\* Suffix 'A' is for Burner with Automated system operation i.e. FPIS18-A-N

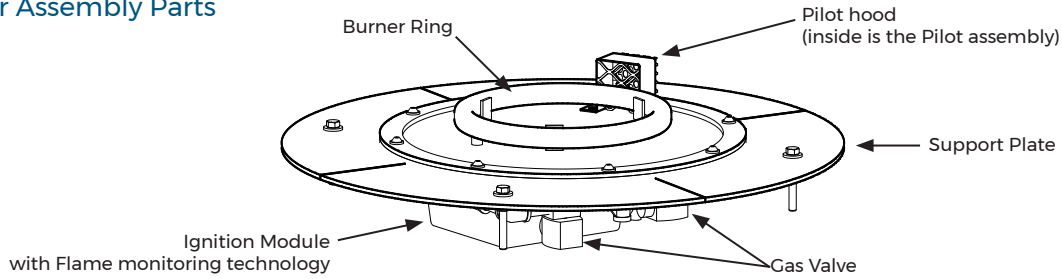
\* Change Suffix 'A' to 'M' for Burner with Manual system operation i.e. FPIS18-M-N

\* 24" and 30" available in Automated system operation only.

Fire Pit Insert	FPIS Series	Model No. FPIS	Rev. 1	
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# Fire Pit Insert

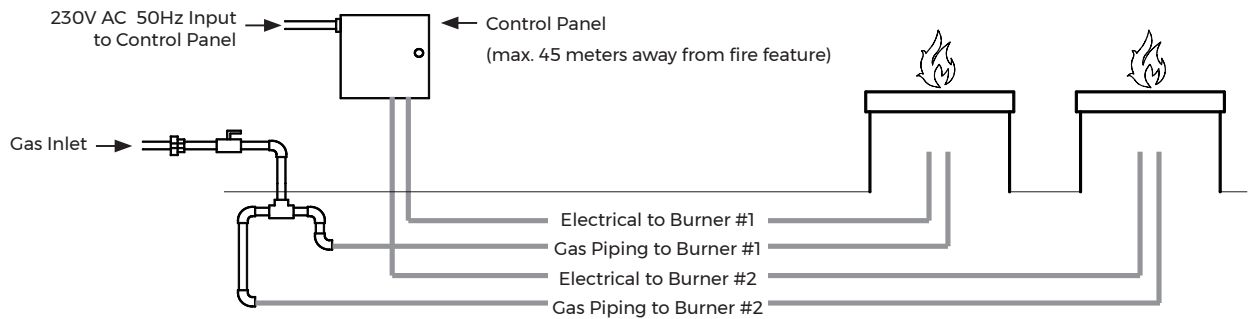
## Burner Assembly Parts



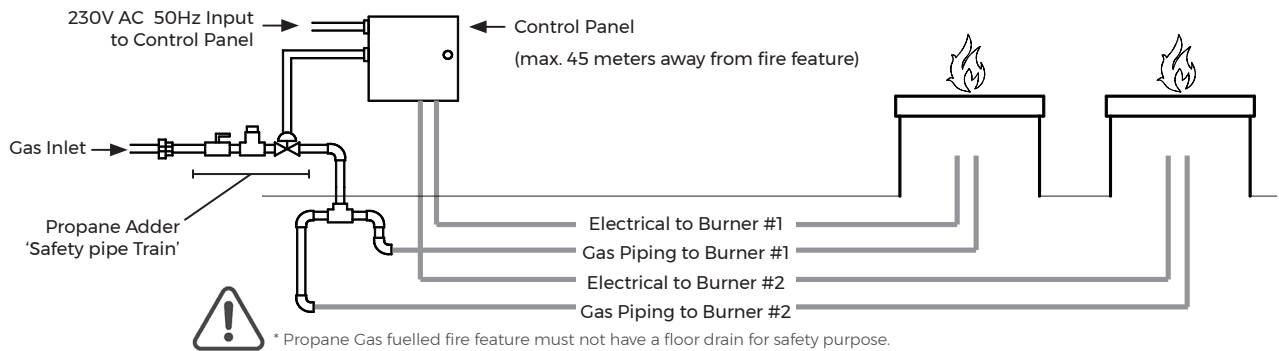
\* Burner Assembly Pilot assembly, Gas Piping and Solenoid sizes will change depending on the type of fuel.

## Sample Installation

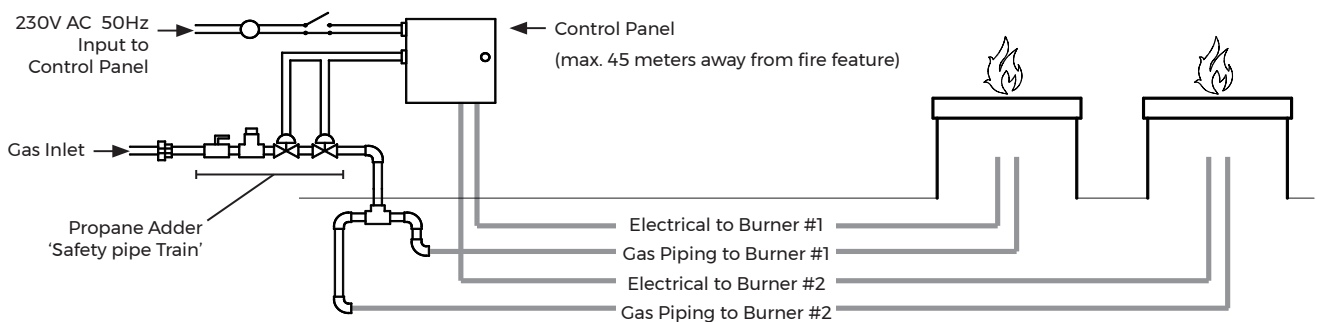
### Control panel & Gas Schematic Diagram for **Natural Gas Installation:**



### Control panel & Gas Schematic Diagram for **Propane Gas Installation:**



### Control panel & Gas Schematic Diagram for **Commercial Installation:**



\* Safety pipe train design may change depending on the quantity and size of the Burner.

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# Fire Pit Insert

## Accessories (Sold Separately)



### Keyed Valve

for Automated and Manual system operation Burner - Natural Gas,  
/ Automated and Manual system operation Burner - Propane Gas.

## Decorative Media



Lava Rock  
Size: 50mm to 127mm



Tumbled Lava Rock  
Size: 25mm to 38mm



Turquoise blue Fire Glass  
Size: 10mm to 25mm



Chestnut Fire Glass  
Size: 10mm to 25mm



Aqua Blue Fire Glass  
Size: 10mm to 25mm



\* Fire Glass cannot be used together with propane gas.



### Precautions:

- Always use common sense when handling fire and flammable materials.
- Burner will get hot while operating.
- Do not place any flammable materials within 1 meter of the burner, and atleast 2 meters away from windows and curtains.
- For outdoor installation only.
- Do not use as a means to cook. Keep away from children.

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