Fire Bowl

Function

Fire bowls are made for residential and commercial applications. A Fire Bowl set will consist of a decorative bowl made from hand-crafted copper, metallic or concrete. Burners can be fuelled either with natural gas or propane gas (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 flow
1 Bowl System: 60,000-80,000 btu/hr
2 Bowl System: 120,000-160,000 btu/hr
3 Bowl System: 180,000-240,000 btu/hr
4 Bowl System: 240,000-340,000 btu/hr

Gas Type
Natural Gas [Nominal pressure: 7"wc]
Propane Gas [Nominal pressure: 11"wc]

** 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

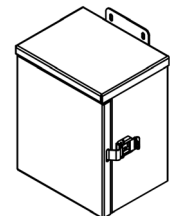· Mounting hardware

(Automated operations)

Input Voltage
220VAC / 50Hz
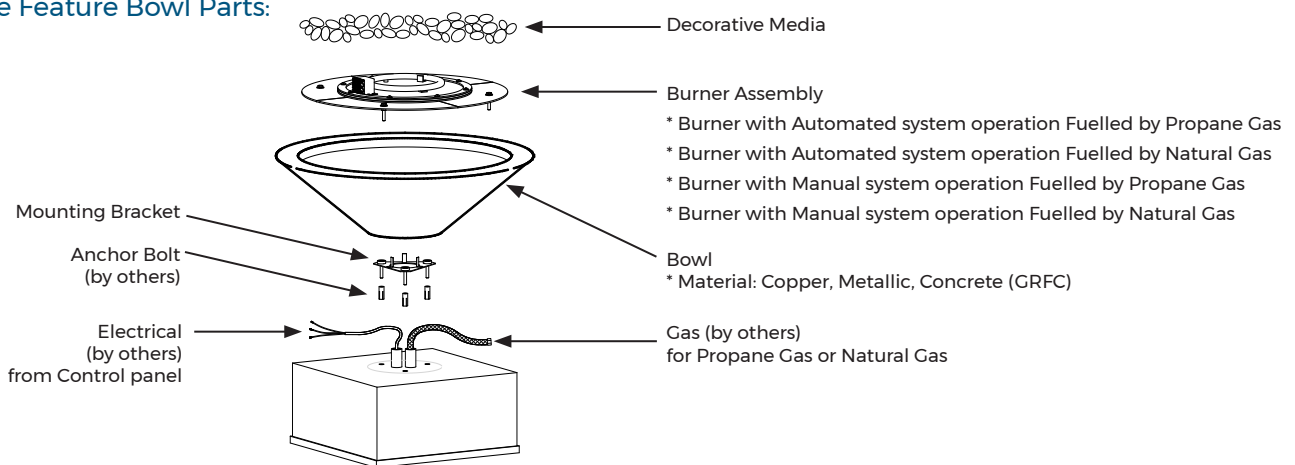(110V Available on request)

Output Voltage
24VAC
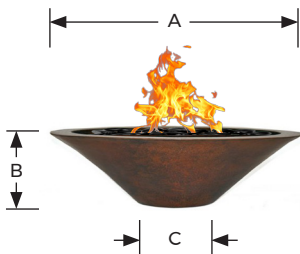
U.L. Control Panel
NEMA3R outdoor box
Protection: IP54

U.L. Control Panel

Fire Feature Bowl Parts:

Decorative Media

Burner Assembly
* Burner with Automated system operation Fuelled by Propane Gas
* Burner with Automated system operation Fuelled by Natural Gas
* Burner with Manual system operation Fuelled by Propane Gas
* Burner with Manual system operation Fuelled by Natural Gas

Mounting Bracket

Anchor Bolt
(by others)

Bowl
* Material: Copper, Metallic, Concrete (GRFC)

Electrical
(by others)
from Control panel

Gas (by others)
for Propane Gas or Natural Gas

Fire Bowl	FBS Series	Model No. FBS	Rev. 0

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Fire Bowl

Model No.	Description	Bowl Material	Fuel	A (mm)	B (mm)	C (mm)
FBSCON31ESS-A-N	31" Concrete Essex - Natural Gas	GFRC	Natural Gas	787	254	254
FBSCON36ESS-A-N	36" Concrete Essex - Natural Gas	GFRC	Natural Gas	914	292	254
FBSMET31ESS-A-N	31" Metallic Essex - Natural Gas	Metallic	Natural Gas	787	254	254
FBSCOP31ESS-A-N	31"Copper Essex - Natural Gas	Copper	Natural Gas	787	254	254
FBSCOP36ESS-A-N	36"Copper Essex - Natural Gas	Copper	Natural Gas	914	292	254
FBSCON31ESS-A-P	31" Concrete Essex - Propane Gas	GFRC	Propane Gas	787	254	254
FBSCON36ESS-A-P	36" Concrete Essex - Propane Gas	GFRC	Propane Gas	914	292	254
FBSMET31ESS-A-P	31" Metallic Essex - Propane Gas	Metallic	Propane Gas	787	254	254
FBSCOP31ESS-A-P	31"Copper Essex - Propane Gas	Copper	Propane Gas	787	254	254
FBSCOP36ESS-A-P	36"Copper Essex - Propane Gas	Copper	Propane Gas	914	292	254

* Suffix 'A' is for Burner with Automated system operation i.e. FBSCON31ESS-A-N
* Change Suffix 'A' to 'M' for Burner with Manual system operation i.e. FBSCON31ESS-M-N
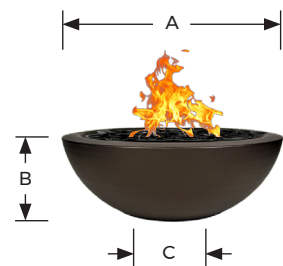
Model No.	Description	Bowl Material	Fuel	A (mm)	B (mm)	C (mm)
FBSCON30LEG-A-N	30" Concrete Legacy - Natural Gas	GFRC	Natural Gas	762	305	381
FBSCON36LEG-A-N	36" Concrete Legacy - Natural Gas	GFRC	Natural Gas	914	381	431
FBSMET31LEG-A-N	31" Metallic Legacy - Natural Gas	Metallic	Natural Gas	787	305	381
FBSCOP30LEG-A-N	30"Copper Legacy - Natural Gas	Copper	Natural Gas	762	305	381
FBSCOP31LEG-A-N	31"Copper Legacy - Natural Gas	Copper	Natural Gas	787	305	381
FBSCOP36LEG-A-N	36"Copper Legacy - Natural Gas	Copper	Natural Gas	914	381	431
FBSCON30LEG-A-P	30" Concrete Legacy - Propane Gas	GFRC	Propane Gas	762	305	381
FBSCON36LEG-A-P	36" Concrete Legacy - Propane Gas	GFRC	Propane Gas	914	381	431
FBSMET31LEG-A-P	31" Metallic Legacy - Propane Gas	Metallic	Propane Gas	787	305	381
FBSCOP30LEG-A-P	30"Copper Legacy - Propane Gas	Copper	Propane Gas	762	305	381
FBSCOP31LEG-A-P	31"Copper Legacy - Propane Gas	Copper	Propane Gas	787	305	381
FBSCOP36LEG-A-P	36"Copper Legacy - Propane Gas	Copper	Propane Gas	914	381	431

* Suffix 'A' is for Burner with Automated system operation i.e. FBSCON30LEG-A-N
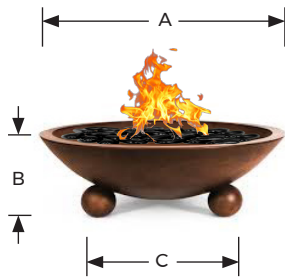* Change Suffix 'A' to 'M' for Burner with Manual system operation i.e. FBSCON30LEG-M-N
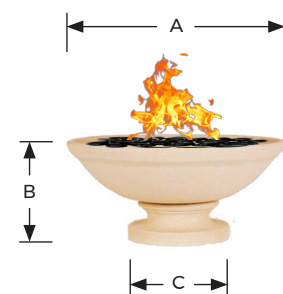
Model No.	Description	Bowl Material	Fuel	A (mm)	B (mm)	C (mm)
FBSCON30BANP-A-N	30" Concrete Banded Rim with Pedestal - Natural Gas	GFRC	Natural Gas	762	381	356
FBSCOP30BAN-A-N	36"Copper Banded Rim without Pedestal - Natural Gas	GFRC	Natural Gas	762	229	254
FBSCON30BANP-A-P	30" Concrete Banded Rim with Pedestal - Propane Gas	GFRC	Propane Gas	762	381	356
FBSCOP30BAN-A-P	36"Copper Banded Rim without Pedestal - Propane Gas	GFRC	Propane Gas	762	229	254

* Suffix 'A' is for Burner with Automated system operation i.e. FBSCON30BAN-A-N
* Change Suffix 'A' to 'M' for Burner with Manual system operation i.e. FBSCON30BAN-M-N

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Model No.	Description	Bowl Material	Fuel	A (mm)	B (mm)	C (mm)
FBSCON32BILT-A-N	32" Concrete Biltmore - Natural Gas	GFRC	Natural Gas	813	229	457
FBSCON32BILT-A-P	32" Concrete Biltmore - Propane Gas	GFRC	Propane Gas	813	229	457

* Suffix 'A' is for Burner with Automated system operation i.e. FBSCON32BILT-A-N
* Change Suffix 'A' to 'M' for Burner with Manual system operation i.e. FBSCON32BILT-M-N
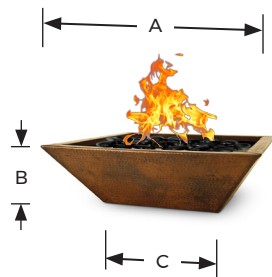
Model No.	Description	Bowl Material	Fuel	A (mm)	B (mm)	C (mm)
FBSCON30COR-A-N	30" Concrete Corinthian - Natural Gas	GFRC	Natural Gas	762x762	254	432x432
FBSCON36COR-A-N	36" Concrete Corinthian - Natural Gas	GFRC	Natural Gas	914x914	305	508x508
FBSMET29COR-A-N	29" Metallic Corinthian - Natural Gas	Metallic	Natural Gas	737x737	229	432x432
FBSCOP29COR-A-N	29"Copper Corinthian - Natural Gas	Copper	Natural Gas	737x737	229	432x432
FBSCOP31COR-A-N	31"Copper Corinthian - Natural Gas	Copper	Natural Gas	787x787	254	432x432
FBSCOP36COR-A-N	36"Copper Corinthian - Natural Gas	Copper	Natural Gas	914x914	305	508x508
FBSCON30COR-A-P	30" Concrete Corinthian - Propane Gas	GFRC	Propane Gas	762X762	254	432X432
FBSCON36COR-A-P	36" Concrete Corinthian - Propane Gas	GFRC	Propane Gas	914x914	305	508x508
FBSMET29COR-A-P	29" Metallic Corinthian - Propane Gas	Metallic	Propane Gas	737x737	229	432x432
FBSCOP29COR-A-P	29"Copper Corinthian - Propane Gas	Copper	Propane Gas	737x737	229	432x432
FBSCOP31COR-A-P	31"Copper Corinthian - Propane Gas	Copper	Propane Gas	787x787	254	432x432
FBSCOP36COR-A-P	36"Copper Corinthian - Propane Gas	Copper	Propane Gas	914x914	305	508x508

* Suffix 'A' is for Burner with Automated system operation i.e. FBSCON30COR-A-N
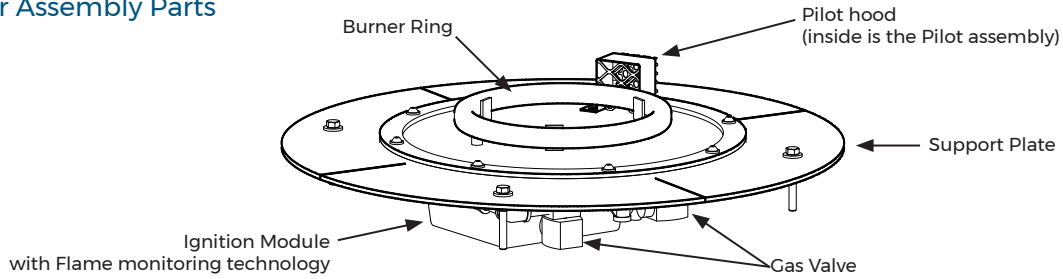* Change Suffix 'A' to 'M' for Burner with Manual system operation i.e. FBSCON30COR-M-N

Surface Finish (Bowl):

Concrete

Sahara	Burnt Terra Cotta
Stone Grey	Dark Walnut
Ebony	Sequoia
Natural	Charcoal Grey
Beechwood	

Metallic

Black
Bronze
Grey Hammertone
Copper Vein

Copper

-Oil rubbed bronze finish

Fire Bowl	FBS Series	Model No. FBS	Rev. 0

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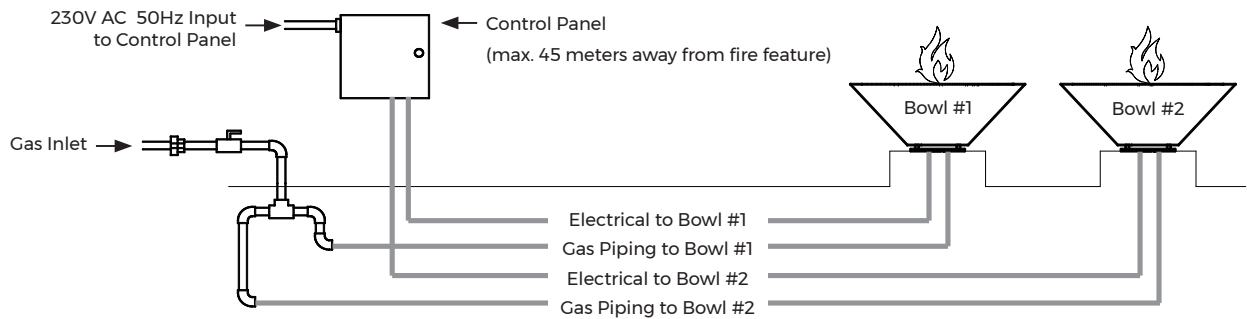
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Fire Bowl

Burner Assembly Parts

Burner Ring

Pilot hood
(inside is the Pilot assembly)

Support Plate

Ignition Module
with Flame monitoring technology

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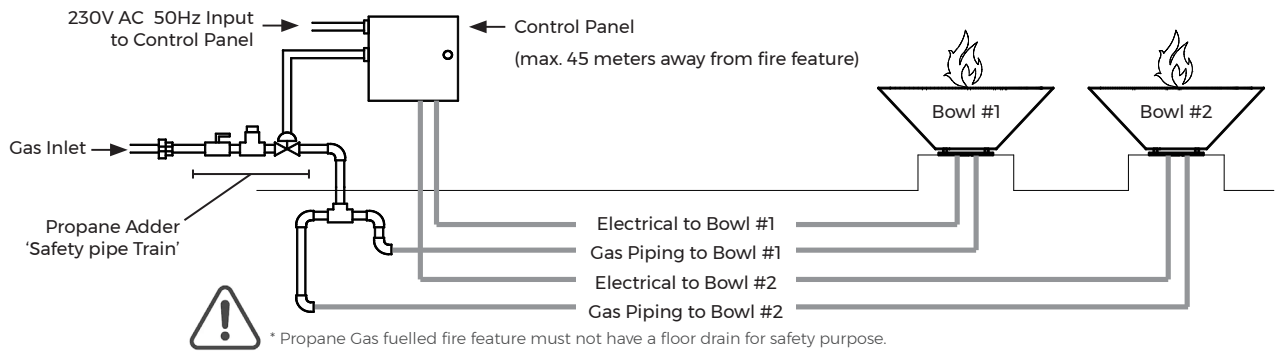
* Burner Assembly Pilot assembly, Gas Piping and Solenoid sizes will change depending on the type of fuel.

Sample Installation

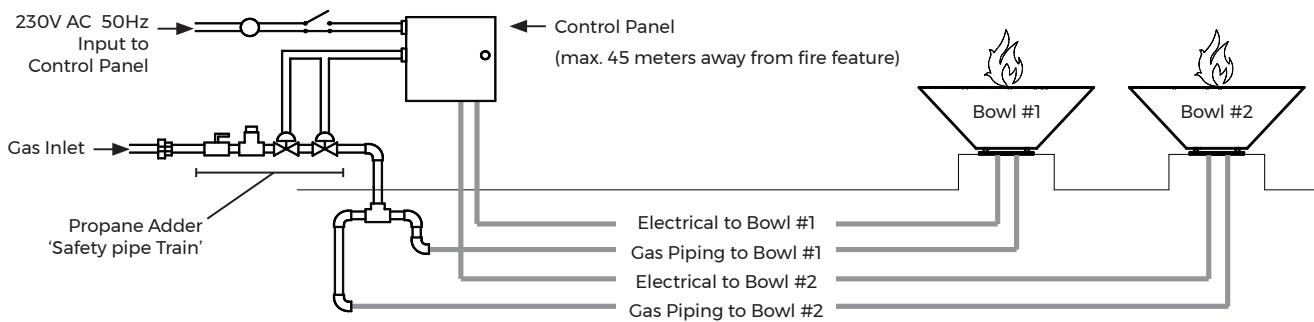**Control panel & Gas Schematic Diagram for Natural Gas Installation:**

230V AC 50Hz Input
to Control Panel

Control Panel
(max. 45 meters away from fire feature)

Gas Inlet

Bowl #1

Bowl #2

Electrical to Bowl #1
Gas Piping to Bowl #1
Electrical to Bowl #2
Gas Piping to Bowl #2

Control panel & Gas Schematic Diagram for Propane Gas Installation:

230V AC 50Hz Input
to Control Panel

Control Panel
(max. 45 meters away from fire feature)

Gas Inlet

Propane Adder
'Safety pipe Train'

Bowl #1

Bowl #2

Electrical to Bowl #1
Gas Piping to Bowl #1
Electrical to Bowl #2
Gas Piping to Bowl #2

* Propane Gas fuelled fire feature must not have a floor drain for safety purpose.

Control panel & Gas Schematic Diagram for Commercial Installation:

230V AC 50Hz
Input to
Control Panel

Control Panel
(max. 45 meters away from fire feature)

Gas Inlet

Propane Adder
'Safety pipe Train'

Bowl #1

Bowl #2

Electrical to Bowl #1
Gas Piping to Bowl #1
Electrical to Bowl #2
Gas Piping to Bowl #2

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

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Fire Bowl

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.

Accessories (Sold Separately)

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

Fire Bowl Cover (Tan)
Available for all fire bowl sizes.

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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