

Helix Torch

Function

Available in either Post, Column and Wall mounted. The torch is encased in tempered glass panels incorporating venturi technology to create a unique spiral like flame. Torches 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

Gas flow

1 Bowl System: 20,000 btu/hr

Gas Type

Natural Gas [Nominal pressure: 7"wc]

Propane Gas [Nominal pressure: 11"wc]

(Automated operations)

Input Voltage

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

Output Voltage

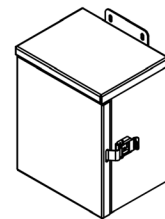
24VAC

U.L. Control Panel

NEMA3R outdoor box
Protection: IP54

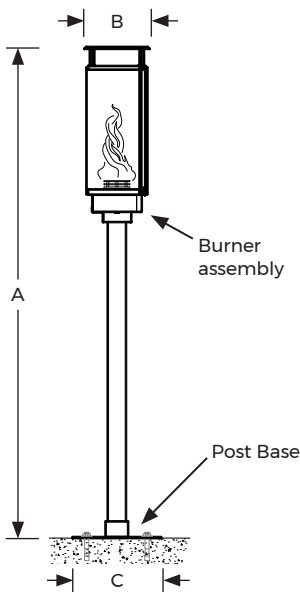
** Automated system for both Natural Gas and Propane Gas fire bowl includes.

- 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



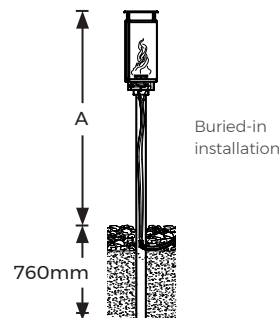
U.L. Control Panel

Helix Torch - Post Mounted



Model No.	Description	Fuel	A (mm)	B (mm)	C (mm)
TORCHPM-A-N	Helix Torch Post mount - Natural Gas	Natural Gas	2388	330	241
TORCHPM-M-N	Helix Torch Post mount - Propane Gas	Propane Gas	2388	330	241

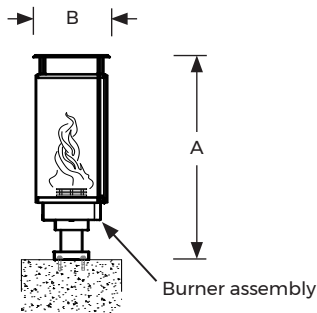
- * Suffix 'A' is for Burner with Automated system operation i.e. TORCHPM-A-N
- * Change Suffix 'A' to 'M' for Burner with Manual system operation i.e. TORCHPM-M-N
- * Custom Height available by request.
- * Buried-in installation also available by request.



Helix Torch	TORCH Series	Model No. TORCH	Rev. 0	
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Helix Torch

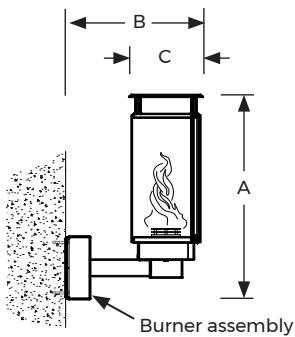
Helix Torch - Column Mounted



Model No.	Description	Fuel	A (mm)	B (mm)
TORCHCM-A-N	Helix Torch Column mount - Natural Gas	Natural Gas	787	241
TORCHCM-A-N	Helix Torch Column mount - Propane Gas	Propane Gas	787	241

* Suffix 'A' is for Burner with Automated system operation i.e. TORCHCM-A-N
 * Change Suffix 'A' to 'M' for Burner with Manual system operation i.e. TORCHCM-M-N
 * Custom Height available by request.

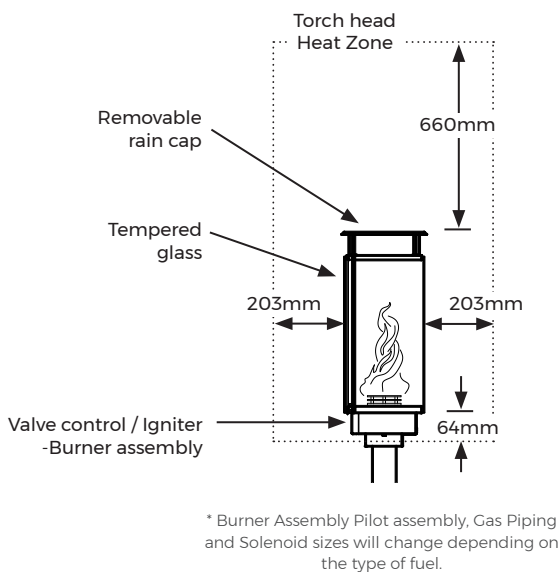
Helix Torch - Wall Mounted



Model No.	Description	Fuel	A (mm)	B (mm)	C (mm)
TORCHWM-A-N	Helix Torch Wall mount - Natural Gas	Natural Gas	705	445	241
TORCHWM-A-N	Helix Torch Wall mount - Propane Gas	Propane Gas	705	445	241

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

Helix Torch head Heat Zone



Valve control / Igniter



Precautions:

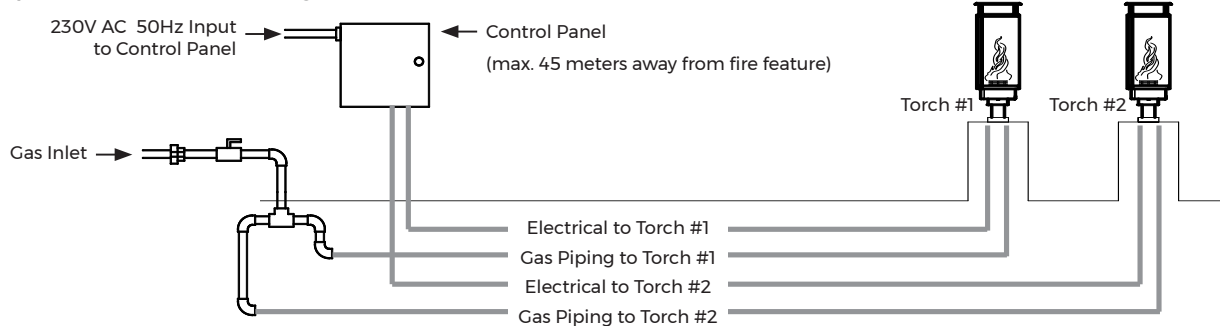
- Always use common sense when handling fire and flammable materials.
- Keep Combustibles away within "Heat Zone" area of torch.
- Burner will get hot while operating.
- For outdoor installation only.
- Do not use as a means to cook. Keep away from children.

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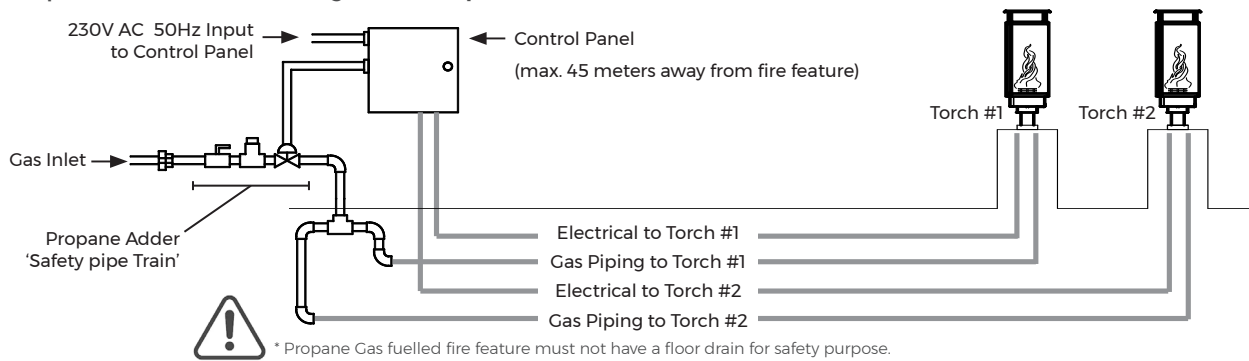
Helix Torch

Sample Installation

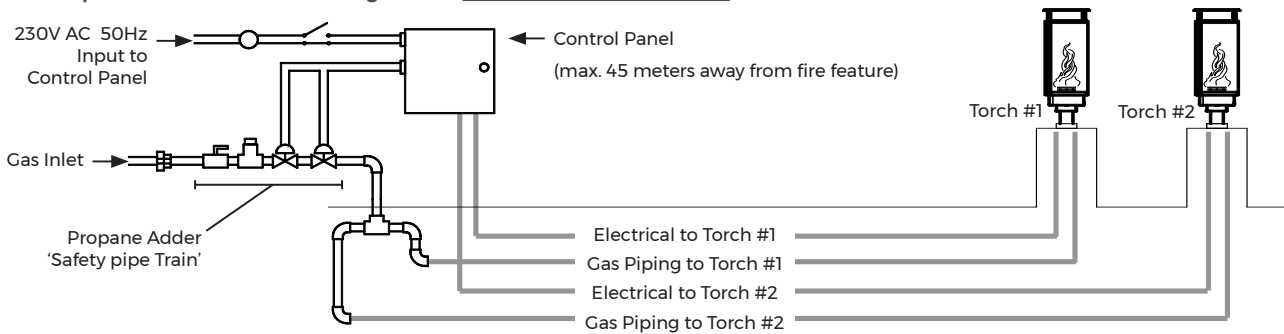
Control panel & Gas Schematic Diagram for **Natural Gas Installation:**




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



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



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