



TECHNICAL INFORMATION

Series 170

Subject	Details	
Frame	Clear	Frameless
Vent	5/8" Direct Vent (by Dura Vent)	
Interior Design Media	Wood Style	Log Set with Beige Embers Mixed Long and Short Branches with Beige Embers
	Ceramic Stones	Colors: Grey or White Size: Large or Small
	Glass (by others):	Crushed Glass Pebbles
	General Note	Leave 20% of burner and grill uncovered by media
	Type of Gas	Natural Gas (NG) or Propane (LP)
Weight	Clear 170	482 lbs., 217 kg
	Clear 170 RS/LS	482 lbs., 217 kg
	Clear 170 TS	482 lbs., 217 kg
	Clear 170 Tunnel	482 lbs., 217 kg
Standard	Safety	ANSI Z21.88/CSA 2.33-2014
	Efficiency	ANSI P.4.1-09
Operation	Mertik Maxitrol Remote Control (full automatic, wall control unit is optional), electronic ignition	



Product Specifications

The appliance has been certified for use with either Natural Gas (NG) or Propane Gas (LP), and NOT for use with solid fuels. These direct vent gas fireplace heaters are sealed combustion, air-circulating gas fireplaces designed for residential applications.

These direct vent gas fireplace heaters are sealed combustion, air-circulating gas fireplaces approved for indoor use. For indoor installation they must be installed maintaining required clearances. Refer to manual for clearance distances. Installation is recommended in living spaces such as bedrooms, living rooms, great rooms, etc. The appliance is not approved for closet installation.

The appliance must be properly connected to a venting system.

The appliance must be installed according to Ortal USA requirements in addition to any local codes that may apply. If none exist then the current CSA installation code must be followed:

- USA, ANSI Z223.1/NFPA 54
- Canada, CSA B149

Gas Pressures & Power Output

Models Burner Series 170	Gas	Inlet Pressures		Manifold Pressures		Power output	
		Min.	Max.	Min.	Max.	Min.	Max.
Clear 170 Clear 170 RS/LS Clear 170 TS Stand Alone 170 Clear 170 Tunnel	Natural Gas (NG)	7.0” WC	7.0” WC	0.9” WC	3.5” WC	23,300 BTU/hr	43,700 BTU/hr
		1.74 kPa	1.74 kPa	0.22 kPa	.87 kPa	6.83 kW	12.81 kW
	Propane (LP)	11.0” WC	11.0” WC	5.8” WC	10.7” WC	27,100 BTU/hr	36,900 BTU/hr
		2.73 kPa	2.73 kPa	1.44 kPa	2.66 kPa	7.95 kW	10.8 kW

Parts Included:

- Ortal fireplace box
- Ceramic Glass Panel
- Choice of Ortal interior media, choose one or mix from these options:
 - Ceramic stones (black or White – Large or Small)
 - Long and short branches with Beige embers
 - Log set (larger logs than branches) with Beige Embers
- Ortal burner (sizes vary based on fireplace selection)
- Mertix GV60 combination control valve, Mertix Maxitrol GV60 ignition and control system (wireless remote control with battery and receiver) for LP or NG
- Spark/pilot/thermal coupling unit
- Glass removal tool (glass suction cups and 10mm ratchet wrench)
- 4 leg extensions and mounting brackets
- Full set of flue restrictor all units (not applicable for Space Creator models).
- Rutland silicon product for RS/LS/TS and Space Creator models