

FLASHBACK ARRESTORS

MODEL: THERMOGUARD 83 (REGULATOR MOUNTED TYPE)

SALIENT FEATURES

- **Flame Arrestor:** The type 83 Flashback Arrestor incorporates a sintered stainless steel cylindrical element and is designed to quench the flame resulting from a flashback. The large surface area of the element minimizes the restriction of gas flow. For economy in service the element is designed to withstand a series of flashbacks.
- **Thermal cut-off valve:** The non-return valve together with a spring loaded piston provides the means by which the gas supply is stopped. The piston is held under fusion by a heavy spring and the complete assembly is held by a soldered joint of low melting point, located downstream of the sintered element.
- **Non-return valve:** A spring loaded non-return valve is situated on the upstream side for the flame arresting element to prevent the reverse flow of gases.



SPECIFICATIONS: SLIMGUARD

MODEL	GAS	MAX. INLET PRESSURE BAR	ROTED FLOW M ³ /H	AT PI MAX. FT ³ /H	WEIGHT Gm
82 / O ₂	Oxygen	10.0	30	1059	100
82 / F ₂	Fuel gas	1.5A	12	400	100

SPECIFICATIONS: THERMOGUARD

MODEL	GAS	MAX. INLET PRESSURE BAR	ROTED FLOW M ³ /H	AT PI MAX. FT ³ /H	WEIGHT Gm
83 / O	Oxygen	10.0	30	1059	430
83 / A	Acetylene	1.5	15	530	430



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