

## Flame Deflashing Equipment Technical Data

# Flame deflashing

The flame deflashing system is a gas/compressed air mixing cabinet complete with all regulators, a gas/air mixer, safety valves, and flow meters all pre-assembled, piped, and wired. In a separate enclosure within the generator cabinet will be installed the control electronics including flame safety relay and microprocessor together with related switches and push buttons.

### Compressed Air:

Pressure	Min Inlet:	4.1 Bar (60 PSI)	Nominal: 6.1 - 6.2 Bar (90 - 100 PSI)
	Max Inlet:	8.3 Bar (120 PSI)	
Volume	200 L/MIN - 700L/MIN (424 CFH - 1480 CFH)		Nominal: 300 - 500 L/MIN (630 - 1060 CFH)

### Combustion Gas:

(Natural Gas Or Propane)

Pressure	Min Inlet:	0.5 Bar (7 PSI)	Nominal: 0.8 - 1.2 Bar (12 - 17 PSI)
	Max Inlet:	1.5 Bar (22 PSI)	
Volume (Max)	Propane:	30 L/MIN (63 CFH)	Nominal: 14 - 20 L/MIN (30 - 42 CFH)
	Natural Gas:	65 L/MIN (130 CFH)	Nominal: 36 L/MIN (76 CFH)

### Burner Type:

- Cirqual® Burner (3" Diameter)
- Cirqual® Burner (1.5" Diameter)

### Burner Output / Energy:

70,000 - 80,000 BTU/Hr

### Flame Velocity:

500 - 1100 ft/min

### Burner-To-Target Distance:

1" - 5" Nominal: 3"



The Flame Deflashing Unit

fts Technologies

11084 Hi Tech Drive • Whitmore Lake, MI, 48189

Tel 734.449.5100 • Fax 734.449-5101 • E-mail enquiries@ftstechnologies.com • www.ftstechnologies.com