

Fire Hose Nozzles, Water Spray

Portable water-spray nozzles are manual firefighting devices usually provided to supplement automatic firefighting equipment. There are typically four basic types of nozzles as follows:

Basic Spray Nozzle: An adjustable pattern spray nozzle in which the rated discharge is delivered at a designated nozzle pressure and nozzle setting. Due to its basic design, as the pattern changes from a straight stream to a wide spray pattern, the discharge flow rate and nozzle pressure will vary.

Constant Gallonage Spray Nozzle: An adjustable pattern muzzle in which the water is discharged at a designed nozzle pressure. At the rated pressure the nozzle will deliver a constant gallonage from a straight stream to a wide spray pattern.

Constant Gallonage (Automatic) Spray Nozzle: An adjustable pattern nozzle in which the pressure remains constant through a range of discharge rates. The constant pressure provides the velocity for an effective stream reach at various discharge rates.

Constant/Select Gallonage Spray Nozzle: A nozzle with a feature that allows on-site manual adjustment of the orifice to set the nozzle to a predetermined discharge rate. The discharge rate remains constant throughout the range of pattern selection from straight stream to wide spray.

Model G-Force Series

The Model G-Force Series nozzles are FM Approved with multiple options, which include; inlet, style, pressure control, shaper control, and fog teeth.

Nozzle configurations are defined by; Series ID, Inlet ID, Style ID, Pressure Control ID, Shaper Control ID, Fog Teeth ID. For example, a Model G-Force nozzle with the following configuration would be identified as GF3A3F:

G – Series G
 F – 1.5" NH Female Inlet
 3 – Valve and Pistol Grip Style
 A – Fixed Flow of 150 gpm at 100 psi Pressure Control
 3 – Lock lever Shaper Control
 F – Fixed Fog Teeth

All possible nozzle options, ID, and ID descriptions are listed below;

Series	ID	Description
	G	Model G-Force Series
Inlet	ID	Description
	A	1.0"BSP Female
	B	1.5" BSP Female
	C	2.0" BSP Female
	D	2.0" BSP Male
	E	52 mm Storz
	F	1.5" NH Female
	H	2.5" BIC Male
	J	2.5" NH Female
	K	Articulated, 1.5" BSP Female
	L	Articulated, 2.0" BSP Male
	M	Articulated, 2.5" BIC Male
	N	Armada
	Q	2.5" BSP Female
	R	2.5" BSP Male

	S	2.5" Chinese Snap Fit
Style	ID	Description
	1	Tip Only
	2	Valve
	3	Valve and Pistol Grip
Pressure Control	ID	Description
	A	Fixed Flow of 150 gpm at 100 psi
	C	Selectable Flow of 30, 60, 95, 125, or 150 gpm at 100 psi
	E	Automatic Flow Range of 60-150 gpm at 100 psi
	G	Automatic Flow with Flow Limiting of 60-150 gpm at 100 psi (Low Setting with a 150 gpm Inlet Opening)
	H	Automatic Flow with Flow Limiting of 30-95 or 95-150 gpm at 100 psi
	J	Automatic Flow with Flow Limiting of 30-70, 70-110, or 110-150 gpm at 100 psi
	N	110/230/360/470/570 lpm at 700kPa
	R	Auto 7 bar 250-570 lpm, Low (570 i.o.)
	S	Auto 7 bar 100-360, 360-570 lpm
	T	Auto 7 bar 100-270, 270-430, 430-570 lpm
Shaper Controls	ID	Description
	1	Tactile Indicator
	2	Tactile Indicator and Detent
	3	Lock lever
	4	Tactile Indicator and Lock
Fog Teeth	ID	Description
	F	Fixed
	S	Spinning
	M	Metal

Company Name:	Task Force Tips Inc
Company Address:	2351 Industrial Dr, Valparaiso, Indiana 46383, USA
Company Website:	http://tft.com
New/Updated Product Listing:	No

Listing Country:	United States of America
Certification Type:	FM Approved
Class of Work:	5511-Water Spray Nozzels, FHose