

# MASTER FORCE™

## NOZZLE SERIES

**The Only Dual Pressure Automatic Available in Manual or Electric Remote with a Flow Range of 1100-3000 l/min (300-800 gpm)**

**Adaptable to Various Tactical Needs**

- Operates at either a standard 7 bar (100 psi) or 4 bar (55 psi) low pressure as selected by the nozzle operator.
- The stream pattern can be varied from straight stream to a dense, wide fog pattern.



*Crossfire Monitor with MASTER FORCE Nozzle*

- Turning the shaper past the wide fog setting allows flushing the nozzle of debris without shutting down flow.

**Designed for the Fit and Function of Your Fire Department**

- Compact at 26 cm (10.4") and lightweight 4.3 kg (9.5 lbs.)
- The MASTER FORCE is the only



MC-ERP-12A

MC12A

dual pressure automatic nozzle that is available in manual or remote-control models and has a flow range of 1100-3000 l/min (300-800 gpm).

**Compatible with a Variety of Monitors**

- These compact, lightweight nozzles are perfect for pairing with TFT's Hemisphere transportable monitor or with a TFT Tornado, Hurricane, Crossfire water cannons.
- Can also be paired with other brand monitors used by fire services.



*Hemisphere Transportable Monitor with MASTER FORCE Nozzle*

# HOW TO ORDER

## MASTER FORCE SERIES NOZZLES

MC-ER-12A	Electric 2.5" NH	1100 - 3000 l/min (300 - 800 gpm) 7 - 3.7 bar (100 - 55 psi) Dual Pressure
MC-ER-22A	Electric 2.5" BSP	1100 - 3000 l/min (300 - 800 gpm) 7 - 3.7 bar (100 - 55 psi) Dual Pressure
MC-ERP-12A	ER with Plug 2.5" NH	1100 - 3000 l/min (300 - 800 gpm) 7 - 3.7 bar (100 - 55 psi) Dual Pressure
MC-ERP-22A	ER with Plug 2.5" BSP	1100 - 3000 l/min (300 - 800 gpm) 7 - 3.7 bar (100 - 55 psi) Dual Pressure
MC12A	2.5" NH	1100 - 3000 l/min (300 - 800 gpm) 7 - 3.7 bar (100 - 55 psi) Dual Pressure
MC22A	2.5" BSP	1100 - 3000 l/min (300 - 800 gpm) 7 - 3.7 bar (100 - 55 psi) Dual Pressure

## SPECS

Weight	4.3 kg (9.5 lbs)
Weight Electric Remote	6.4 kg (14.2 lbs)
Flow Range	1100 - 3000 l/min (300 - 800 gpm)
Operating Pressure (Standard Mode)	7 bar (100 psi)
Operating Pressure (Low Mode)	3.7 bar (55 psi)
Maximum Fog Angle	103°
Nominal Operating Voltage	12 or 24 VDC
Maximum Voltage	32 VDC
Minimum Voltage - 12 Volt System	9 VDC at monitor
Minimum Voltage - 24 Volt System	18 VDC at monitor
Materials used:	Aluminum 6000 series hard anodized MIL8625 class 3 type 2, stainless steel 300 series, nylon 6-6, nitrile rubber
Fog Teeth:	Molded rubber teeth that produce a dense, water filled, Power Fog pattern.

## TECHNICAL DATA

MASTER FORCE specification with BSP/Manually operated is listed below (Electric Remote models and different threads also available.)

Task Force Tips Master-Force, model # MC22A dual pressure automatic nozzle tip shall be provided. A knob located at the front of the nozzle shall allow for pressure rating adjustments of 4 bar or 7 bar (55 or 100 psi). The nozzle design shall allow for straight stream through dense wide fog patterns and be able to be flushed without shutting down. The ribbed rubber bumper shall allow for stream shape adjustment. For corrosion resistance and durability, the nozzle shall be constructed from hard coat anodized aluminum alloy, a protective rubber bumper with fog teeth, laser engraved serial number, reflective labeling and five-year warranty.

The nozzle shall be suitable for foam solution application and designed to accept the Task Force Tips FJ-LX-M low-expansion air aspirating attachment. The nozzle shall have a 64mm (2-1/2") female BSP rigid rocker lug coupling and a flow range of 1100-3000 l/min (300-800 gpm) at 4 bar or 7 bar (55 or 100 psi).