

# 1.5" (38mm) MID-FORCE SERIES

## 70 - 200 GPM (260 - 760 l/min)

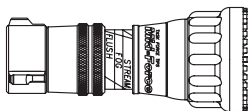
## Dual Pressure Automatic

The wide flow range of 70-200 gpm (260-760 l/min) allows the Mid-Force to be used on 1.5" (38mm), 1.75" (45mm) and 2" (52mm) hose. The TFT Mid-Force is a truly rugged, dependable, and effective mid-range firefighting nozzle. This nozzle is equipped with a low pressure override which allows the nozzle to achieve greater flows at lower nozzle pressures. All nozzles are regulated to 100 psi ±15 psi (7 bar ±1 bar) according to NFPA #1964 flow requirements. It is adjustable from a straight stream to a dense fog pattern. Handle covers and pistol grips are available in NFPA colors to identify a nozzle with its discharge. All Mid-Force nozzles accept: the FJ-LX-HM, FJ-HM low-expansion, or the FJ-MX-HM multi-expansion foam attachments.

In the standard mode, the Mid-Force Nozzle maintains a 100 psi (7 bar) operating nozzle pressure (75psi / 5bar for low pressure version). The TFT high level of quality, engineered into all our products, allows this nozzle to meet the NFPA #1964 flow requirements for automatic nozzles. This gives you the desired ability to aggressively conduct a hard-hitting fire attack.

With a twist of the knob on the front of the nozzle, you switch to the low pressure mode, which immediately reduces the nozzle's operating pressure to around 55 psi (3 bar) (45psi / 3bar for low pressure version). This exclusive TFT feature provides you with the unique ability to change operating nozzle pressure depending on the situation, thereby allowing maximum flow at a lower nozzle pressure.

**HMD-TO**  
**HMD-TO-IF**  
**HMDL-TO**  
**HMDL-TO-IF**  
3.0 lb (1.4kg)  
9" (22.9cm)



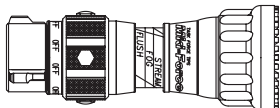
NFPA 1964  
COMPLIANT

**HMD-TO** MID-FORCE TIP 1.5" NH (38mm) - Automatic pressure control with a flow capacity of 70-200 gpm (260-760 l/min). Includes flush without shutting down, molded rubber teeth for full-fill "power fog" pattern, "Gasket Grabber" inlet screen. Lightweight hardcoat anodized aluminum for maximum resistance to corrosion and wear. Tip does not shut off and must be used with a separate valve or valved playpipe. Nozzle may be switched between standard 100 psi (7 bar) and low pressure. 1.5" NH (38mm) rigid rocker lug coupling is standard.

**HMDL-TO** LOW PRESSURE VERSION. Same as HMD-TO above, but operates at lower pressures of approximately 75 psi (5 bar) / 45 psi (3 bar).

**-IF = 1.5" NPSH Threads**

**HMD-STO**  
**HMD-STO-IF**  
**HMDL-STO**  
**HMDL-STO-IF**  
3.6 lb (1.6kg)  
10" (25.4cm)



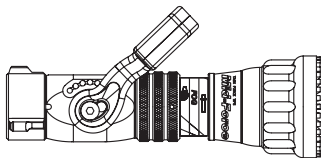
NFPA 1964  
COMPLIANT

**HMD-STO** MID-FORCE TIP/TWIST-OFF 1.5" NH (38mm) - Automatic pressure control with a flow capacity of 70-200 gpm (260-760 l/min). Includes patented twist slide-type valve for turbulence-free flow control, flush without shutting down, molded rubber teeth for full-fill "power fog" pattern, "Gasket Grabber" inlet screen. Lightweight hardcoat anodized aluminum for maximum resistance to corrosion and wear. May be used with a separate valve or playpipe. Ideal for break-and-extend operations. Nozzle may be switched between standard 100 psi (7 bar) and low pressure. 1.5" NH (38mm) rigid rocker lug coupling is standard.

**HMDL-STO** LOW PRESSURE VERSION. Same as HMD-STO above, but operates at lower pressures of approximately 75 psi (5 bar) / 45 psi (3 bar).

**-IF = 1.5" NPSH Threads**

**HMD-V**  
**HMD-V-IF**  
**HMDL-V**  
**HMDL-V-IF**  
4.5 lb (2.1kg)  
11-1/2" (29.2cm)

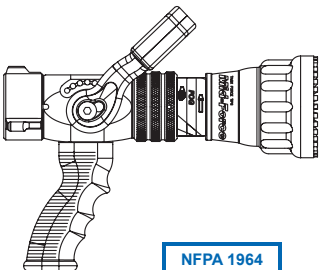


NFPA 1964  
COMPLIANT

**HMD-V** MID-FORCE NOZZLE 1.5" NH (38mm) - Automatic with a flow capacity of 70-200 gpm (260-760 l/min). Includes flush without shutting down, patented slide-type valve for turbulence-free flow control, six detent flow positions, molded rubber teeth for full-fill "power fog", and "Gasket Grabber" inlet screen. Lightweight hardcoat anodized aluminum for maximum resistance to corrosion and wear. Nozzle may be switched between standard 100 psi (7 bar) and low pressure. Rocker lug 1.5" NH (38mm) full-time swivel is standard.

**HMDL-V** LOW PRESSURE VERSION. Same as HMD-V above, but operates at lower pressures of approximately 75 psi (5 bar) / 45 psi (3bar). **-IF = 1.5" NPSH Threads**

**HMD-VPGI**  
**HMD-VPGI-IF**  
**HMDL-VPGI**  
**HMDL-VPGI-IF**  
4.9 lb (2.2kg)  
11-1/2" (29.2cm)



NFPA 1964  
COMPLIANT



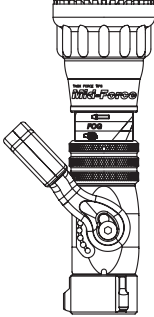
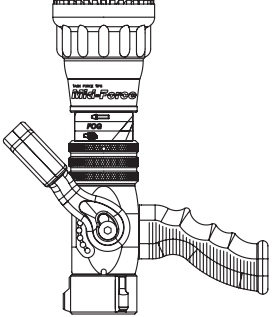
**HMD-VPGI** MID-FORCE W/GRIP 1.5" NH (38mm) - Automatic pressure control with a flow capacity of 70-200 gpm (260-760 l/min). Includes flush without shutting down, patented slide-type valve for turbulence-free flow control, six detent flow positions, molded rubber teeth for full-fill "power fog", and "Gasket Grabber" inlet screen. Lightweight hardcoat anodized aluminum for maximum resistance to corrosion and wear. Pistol grip is mounted below the valve. Nozzle may be switched between standard 100 psi (7 bar) and low pressure. 1.5" NH (38mm) swivel rocker lug coupling is standard.

**HMDL-VPGI** LOW PRESSURE VERSION. Same as HMD-VPGI above, but operates at lower pressures of approximately 75 psi (5 bar) / 45 psi (3 bar).

**-IF = 1.5" NPSH Threads**

1.5" (38mm) MID-FORCE SERIES  
70-200 GPM (260-760 l/min)

FoamJet Models for Mid-Matic Series  
FJ-HM, FJ-LX-HM & FJ-MX-HM

<p><b>1.5" Mid-Range Dual Pressure Automatic Nozzles</b></p>	 <p>Nozzle Tip Only</p>	 <p>Nozzle Tip Only w/Twist Shutoff</p>	 <p>Nozzle w/Shutoff</p>	 <p>Nozzle w/Shutoff &amp; Pistol Grip</p>
<p>100/55 psi NH Threads</p>	<p>HMD-TO</p>	<p>HMD-STO</p>	<p>HMD-V</p>	<p>HMD-VPGI</p>
<p>100/55 psi NPSH Threads</p>	<p>HMD-TO-IF</p>	<p>HMD-STO-IF</p>	<p>HMD-V-IF</p>	<p>HMD-VPGI-IF</p>
<p>75/45 psi NH Threads</p>	<p>HMDL-TO</p>	<p>HMDL-STO</p>	<p>HMDL-V</p>	<p>HMDL-VPGI</p>
<p>75/45 psi NPSH Threads</p>	<p>HMDL-TO-IF</p>	<p>HMDL-STO-IF</p>	<p>HMDL-V-IF</p>	<p>HMDL-VPGI-IF</p>