



LEADER Mix 50 - 275G v2

AUTOMATIC SYSTEM FOR PROPORTIONING ALL TYPES OF FOAM CONCENTRATES FROM 0.3% TO 6%

AUTOMATIC & AUTONOMOUS INDUCTOR :

- ▶ **Ideal compromise between conventional venturi inductors and traditional automatic systems** because of the wide range of flow rates and injection ratios available
- ▶ **Autonomous:** Does not require power supply
- ▶ **Reduced maintenance** due to the simple mechanical design

LARGE RANGE OF USE:

- ▶ Replaces 4 conventional inductors (60, 95, 125 and 250 gpm)
- ▶ Wide range of flow rates from 50 to 275 gpm
- ▶ Wide operating pressure range from 75 to 230 PSI

REDUCED CONSUMPTION OF INJECTED FOAM CONCENTRATE

- ▶ **Accurate metering** of foam concentrates from 0.3% to 6%
- ▶ **Adapts itself automatically** to the selected flow rate at the nozzle

CREATE SUCTION EVERY TIME FOAM IS DESIRED !

- ▶ Instant injection of foam concentrate even during Pulsing
- ▶ Works even below 140 PSI
- ▶ Independent of flow rate variations

2 VERSIONS AVAILABLE:

- ▶ **Fire vehicles or fixed foam extinguishing systems (with optional remote control panel)**
- ▶ **Ground applications (hose lay)**

ADDITIONAL FIELD BENEFITS...

- ▶ Water position ("no foam concentrate injection" position): Below 200 gpm, it generates less pressure losses in the water position than traditional venturi injectors: **only 10 PSI pressure loss at 125 GPM**
- ▶ Inlet pressure gauge
- ▶ Simple push button flush valve

KEY POINTS

- ▶ Reliable and accurate
- ▶ Produces foam every time
- ▶ Wide range of flow rates
- ▶ Efficient foam use
- ▶ Compact
- ▶ Reduced maintenance (no electronics)

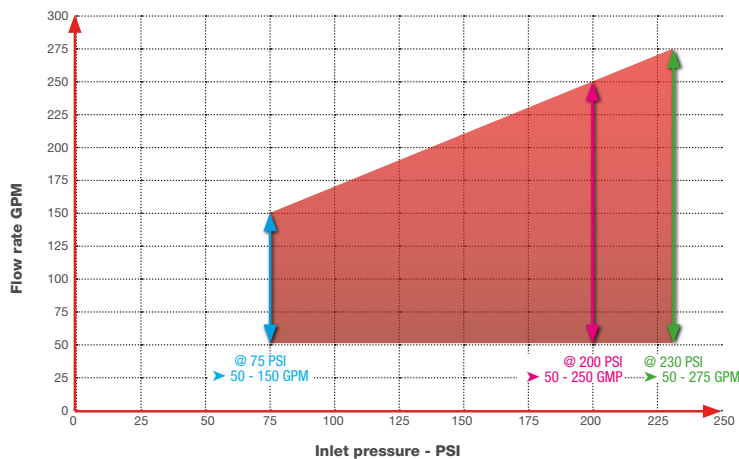


TECHNICAL CHARACTERISTICS :

Model LEADER Mix 50 - 275G	Portable version	Vehicle version
Reference	I40.90.108	I40.90.109
Operating flow rate	50 to 275 GPM	
Operating pressure	75 to 230 PSI	
Proportioning rates	0.3%, 0.5%, 1%, 3%, 6%	
Inlet and outlet couplings	Swivel coupling	
Inlet and outlet threads	2.5" NH F / 2.5" NH M	
Storage temperature	-4°F to +140 °F	
Operating temperature	Above freezing to +120 °F	
Pressure loss	35%	
Pressure gauge at inlet	Yes	
Weight	31 lbs	29 lbs
Dimensions L x H x W	19.1 x 9.3 x 10.8"	19.1 x 8.5 x 10.8"
Carrying handle	Yes	No
Suction wand	Suction hose equipped with a pick up tube – L 6.5' / 1" D Storz	No
Input foam concentrate supply	D Storz quick connection	1" BSP female
Non-return valve on foam inlet	Yes	
Flush button	Yes	No

OPERATING RANGE

3 examples



OPTIONS :

Remote control panel : ref. I40.90.300

- ▶ To show the inlet pressure of Leader- Mix
- ▶ To set the bypass button position (water or Foam)
- ▶ To rinse the device
- ▶ Dimensions: 12x8" and only 3" in thickness inside the truck
- ▶ Easy to link to the Leader Mix

Hoses to link LeaderMix to remote control panel : ref. 2009117

- ▶ 1/3" (8mm) pneumatic hose
- ▶ 320 PSI maximum operating pressure
- ▶ Black color
- ▶ 6 lines needed between LeaderMix and panel (pressure gauge, flush valve...)

