



FIELD ADJUSTABLE PRESSURE REDUCING

## Field Adjustable Pressure Reducing (URFA)

Elkhart's URFA valve is a true pressure reducing valve, operated automatically by inner hydraulic controls. While the valves are preset at the factory, they are field adjustable — allowing you to tailor the pressure to your needs. They feature manual valve open and close, as well as pressure adjustment — all of which require extremely low torque to change due to the patent pending design. Inlet pressure up to 400 psi (27.58 bar) is controlled under all flow and no-flow conditions.

Valve size and weight permit installation in significantly tighter areas and smaller hose cabinets (those used for 1½" or 2½" valves) — allowing savings of both space and money. The URFA also functions as a floor control valve in automatic sprinkler systems as well as a standpipe valve or hose valve for Class I and Class III systems.



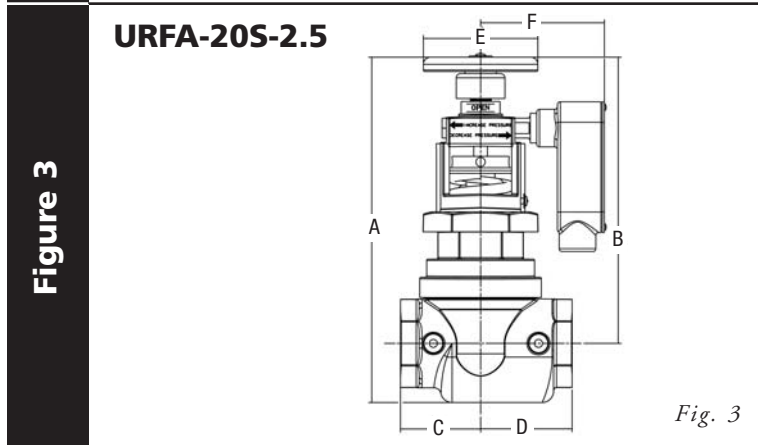
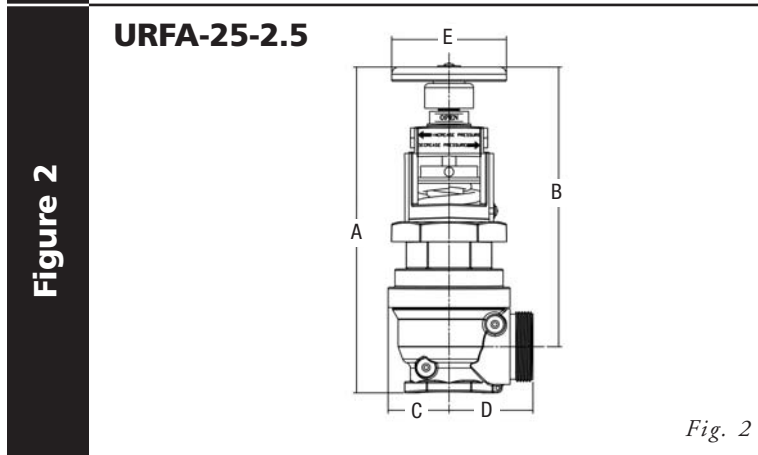
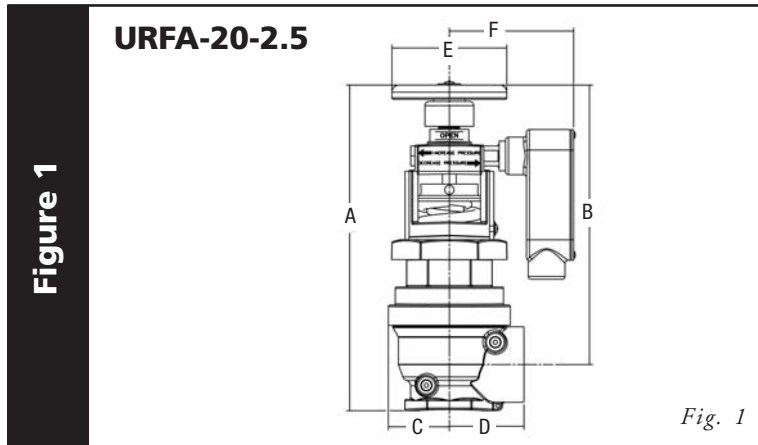
INDUSTRIAL VALVES

9-1

INLET SIZE	OUTLET SIZES		TYPE		CERT.	DIMENSIONS (INCHES)								Integral Superv. Switch	FINISH			Wt. (Lbs.)	MODEL	FIGURE
						Closed		Open		C	D	E	F		Brass		Chrome			
						A	B	A	B						Cast	Pol	Pol			
2½" F	2½"		Angled	Straight	UL Listed	13⅞	11⅞	14¼	12¼	2⅞	3¼	5	4¼	o	s	o	o	18½	URFA-20-2.5	1
NPT*	F(NPT)*	M(NHT)				13⅞	11⅞	14¼	12¼	2⅞	3⅞	5	4¼	o	s	o	o	18½	URFA-25-2.5	2
						14½	11 <sup>29</sup> / <sub>32</sub>	15⅞	12¼	3½	4	5	4¼	o	s	o	o	26½	URFA-20S-2.5	3

KEY s = standard o = option

\* Grooved connection available for inlet or outlet use — add 1.44" per connection.



### PRODUCT HIGHLIGHTS

URFA features include:

- Manual open-close requires less than 15 lbs. of torque
- Pressure rated up to 400 psi (27.58 bar)
- Flow rated up to 500 gpm (1893 lpm)
- Open-Close indication from 2 view directions
- Color-coded pressure reduction label
- Tapped for pressure gauge on both inlet and outlet side of valve
- Tamper-resistant protection
- UL Listed as a check valve for use in dual riser systems
- Optional integral supervisory switch (alarm) mounts directly to valve with no bracket required
- Optional integral supervisory switch (alarm) is available either "OPEN TO SIGNAL" or "CLOSED TO SIGNAL"
  - With the valve in the open position, to close an electrical circuit and send the signal is defined as "CLOSED TO SIGNAL"
  - With the valve in the closed position, to close an electrical circuit and send a signal is defined as "OPEN TO SIGNAL"

### ADDITIONAL INFORMATION

Includes adjustment rod.

### THREADS

- Valve inlet information is NPT unless otherwise specified. Special threads available through adapter use.
- See index T-12 for alternative outlet thread options.