



The Right Connection®

**Data Sheet****Factory Set Pressure Reducing Valves***A true combination shut-off and pressure reducing valve*

cast finish shown

**NAPRAV150-..  
NAPRAV250-..****Female NPT Inlet x Male \***

- male outlet - specify thread \*
- red iron wheel
- tamper resistant
- 2½" is ULC
- manufactured in the USA
- alloy = C84400, C83600, C36000

available finish:

- cast (standard)
- polished trim - P
- polished chrome trim - C

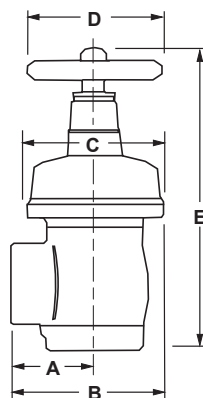


cast finish shown

**NAPRAVF150-..  
NAPRAVF250-..****Double Female**

- NPT inlet and outlet only
- red iron wheel
- includes open/closed indicator for visual confirmation of the valve's status in the system
- tamper resistant
- 2½" is ULC

- manufactured in the USA
- alloy = C84400, C83600, C36000
- available finish:
  - cast (standard)
  - polished trim - P
  - polished chrome trim - C



Valves are available with a tamper-proof switch as an accessory device to hasten valve operation while monitoring its open condition. The complete switch, with bracket and housing, is available for field mounting.

Tamper Switch Bracket Kit = 42-019-01586

**Dimensions**

Size	Style	A	B	C	D	E (closed)	E (open)	Weight
1½"	18-457-458	2.25"	3.97	3.44	3.75	8.74	9.22	7
2½"	18-457-458	3.22	5.53	5.75	5.75	10.77	11.41	19

**Specifications**

Hose Valves	Max in Static	Out at Max In	Sprinkler Valves	Max in Static	Out at Max In
NAPRAV150F-15	235	175	NAPRAVF150-15	235	175
NAPRAV150F-20	270	175	NAPRAVF150-20	270	175
NAPRAV150F-25	300	170	NAPRAVF150-30	300	170
NAPRAV150F-30	300	155	NAPRAVF150-25	300	155
NAPRAV150F-35	300	140	NAPRAVF150-50	300	75
NAPRAV250F-55	195	175	NAPRAVF250-55	195	175
NAPRAV250F-60	220	175	NAPRAVF250-60	220	175
NAPRAV250F-65	240	175	NAPRAVF250-65	240	175
NAPRAV250F-70	260	175	NAPRAVF250-70	260	175
NAPRAV250F-75	300	175	NAPRAVF250-75	300	175
NAPRAV250F-80	340	175	NAPRAVF250-80	340	175
NAPRAV250F-90	400	165	NAPRAVF250-85	380	175

# Technical Information

- 1½" valves are designed to reduce inlet pressure of **300 PSI** (2069 kPa) or less to working pressures of **50 through 175 PSI** (69 - 1207 kPa).
- 2½" valves are designed to reduce inlet pressures of **400 PSI** (2758 kPa) or less to desired working pressures from **50 through 175 PSI** (138 - 1207 kPa) under discharge or static conditions.
- Available with a tamper-proof switch as an accessory device to improve valve operation while monitoring its open condition.
- valves are listed by the Underwriter's Laboratories for:
  - Automatic Sprinkler Systems as floor or zone control valves
  - Standpipe Systems, Class I, II and III
  - Automatic Check Valve for Dual Riser Systems, Approved by the New York City Board of Standards & Appeals MEA54-07-E, the City of Los Angeles and the City of San Francisco (ULC 2½")
- Friction Loss @ **120 PSI**:
  - for 1½" figure 14.0 EQFT of pipe
  - for 2½" figure 20.0 EQFT of pipe

## Specification Chart

Location				Inlet			Outlet Desired		Actual			Type
Qty	Tag	Style	Size (in.)	Static (PSI)	Residual (PSI)	@ flow (GPM)	Static (PSI)	Residual Min-Max (PSI)	Static (PSI)	Residual (PSI)	@ flow (GPM)	

1. Customer is requested to furnish as much information as possible to ensure delivery of the appropriate valve. Flow values for inlet static and residual pressure readings are needed for all types of valves (standpipe or sprinkler). Please provide a Desired Residual Outlet pressure range.
2. sizes available: 1½" or 2½"
3. 'actual' columns are to be filled out by the factory. Actual valves operate to within ± 10% of the final specified setting.
4. valves are permanently tagged for correct floor placement

This information is only a general guideline. The company reserves the right to change any portion of this information without notice. Terms and conditions of sale apply and are available on request.

### Dixon Fire

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