



Model 603 Tank Truck Emergency Valves (Manually Operated)

SPECIFICATION SHEET

Application

Tank truck emergency valves provide flow control at the bottom of tank truck compartments. The normally closed valves are manually opened to gravity drop product transported to underground storage tanks.

Features

- 90° space saving design
- Can be converted from left hand operation to right hand operation
- Integrated shear section breaks upon impact, closing the valve and containing the product in the tank
- Valve equipped with 250°F fusible plate that melts in the event of a fire allowing the valve to close
- Optional inlet screen keeps debris out of the valve seats
- Optional plunger bail available
- Companion flanges available
- **603ALC** has male cam and groove outlet connection
- **603ALF** has flanged outlet connection
- **603ALV** has victaulic outlet connection

Materials of Construction

- Aluminum body and cap
- Brass plunger
- Buna-N or Viton® discs
- Stainless steel spring

Options

- 2", 3", and 4" inlet screen available and sold separately

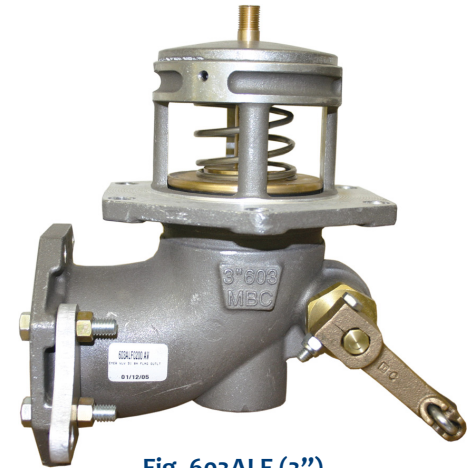


Fig. 603ALF (3")

NOTE

Handles are interchangeable for left-hand or right-hand operation. This does not apply to the 603ALC and the 603ATV series.

| Item Number | A | B | C | Width | Height | Weight (lbs) |
|---------------|----|-----|------|----------------------------------|-----------------------------------|--------------|
| 603ALC0700 AV | 2" | MA | Buna | 7 ⁹ / ₃₂ " | 4 ¹⁹ / ₆₄ " | 7.0 |
| 603ALC1000 AV | 2" | MA | Buna | 7 ⁹ / ₃₂ " | 4 ¹⁹ / ₆₄ " | 7.50 |
| 603ALF0100 AV | 2" | FL | Buna | 7 ⁹ / ₃₂ " | 5 ¹⁵ / ₆₄ " | 7.75 |
| 603ALF1300 AV | 2" | FL | VI | 7 ³ / ₈ " | 5 ¹⁵ / ₆₄ " | 7.75 |
| 603ALF2100 AV | 2" | FL | Buna | 7 ³ / ₈ " | 5 ¹¹ / ₃₂ " | 7.75 |
| 603ALF0200 AV | 3" | FL | Buna | 7 ³ / ₈ " | 6 ³ / ₁₆ " | 8.25 |
| 603ALF1400 AV | 3" | FL | VI | 7 ³ / ₈ " | 6 ³ / ₁₆ " | 8.25 |
| 603ALV0100 AV | 2" | VIC | Buna | 7 ³ / ₈ " | 5 ¹¹ / ₃₂ " | 7.75 |
| 603ALV0700 AV | 2" | VIC | VI | 7 ³ / ₈ " | 5 ¹¹ / ₃₂ " | 7.75 |
| 603ALV0300 AV | 3" | VIC | Buna | 7 ³ / ₈ " | 5 ¹³ / ₃₂ " | 8.25 |
| 603ALV0900 AV | 3" | VIC | VI | 7 ³ / ₈ " | 5 ¹³ / ₃₂ " | 8.25 |

SPECIFICATION OPTIONS:

A—Size

B—Outlet: Flanged (FL), victaulic (VIC), or male adaptor (MA)

C—Disc: Viton® (VI) or Buna-N (Buna)

Width—Width of widest part

Height—Dimension from base to top

Weight—Shipping weight



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