FM Approvals

Valves | Anti-Water Hammer Check Valves | Check Valves, Anti-Water Hammer

# Grinnell CV-1, CV-1FR, TFP CV-1F, TFP CV-1FR

## Product Description

| Model No | Valve Size | | Flow Rate | | Friction Loss | |
|---|---|---|---|---|---|---|
| | in | (mm) | gal/min | ($dm^3$/min) | psi | (kPa) |
| Grinnell CV-1 | 2 | (50) | 200 | (755) | 3.4 | (24) |
| Grinnell CV-1 | 2 1/2 | (65) | 250 | (945) | 2.6 | (18) |
| Grinnell CV-1 | 3 | (80) | 400 | (1515) | 4.3 | (29) |
| Grinnell CV-1 | 4 | (100) | 750 | (2840) | 4.0 | (28) |
| Grinnell CV-1 | 5 | (125) | 1000 | (3785) | 2.7 | (19) |
| Grinnell CV-1 | 6 | (150) | 1500 | (5680) | 2.2 | (15) |
| Grinnell CV-1 | 8 | (200) | 3000 | (11355) | 2.2 | (15) |
| Grinnell CV-1 | 10 | (250) | 5000 | (18925) | 1.3 | (10) |
| Grinnell CV-1 | 12 | (300) | 7050 | (26685) | 1.4 | (10) |
| Grinnell CV-1FR | 2 | (50) | 200 | (755) | 3.4 | (24) |
| Grinnell CV-1FR | 2 1/2 | (65) | 250 | (945) | 2.6 | (18) |
| Grinnell CV-1FR | 3 | (80) | 400 | (1515) | 4.3 | (29) |
| Grinnell CV-1FR | 4 | (100) | 750 | (2840) | 4.0 | (28) |
| Grinnell CV-1FR | 5 | (125) | 1000 | (3785) | 2.7 | (19) |
| Grinnell CV-1FR | 6 | (150) | 1500 | (5680) | 2.2 | (15) |
| Grinnell CV-1FR | 8 | (200) | 3000 | (11355) | 2.2 | (15) |
| Grinnell CV-1FR | 10 | (250) | 5000 | (18925) | 1.3 | (9) |
| Grinnell CV-1FR | 12 | (300) | 7050 | (26685) | 1.4 | (10) |
| TFP CV-1F | 2 | (50) | 200 | (755) | 3.4 | (24) |
| TFP CV-1F | 2 1/2 | (65) | 250 | (945) | 2.6 | (18) |
| TFP CV-1F | 3 | (80) | 400 | (1515) | 4.3 | (29) |
| TFP CV-1F | 4 | (100) | 750 | (2840) | 4.0 | (28) |
| TFP CV-1F | 5 | (125) | 1000 | (3785) | 2.7 | (19) |
| TFP CV-1F | 6 | (150) | 1500 | (5680) | 2.2 | (15) |
| TFP CV-1F | 8 | (200) | 3000 | (11355) | 2.2 | (15) |
| TFP CV-1F | 10 | (250) | 5000 | (18925) | 1.3 | (10) |

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| Model No | Valve Size | | Flow Rate | | Friction Loss | |
|---|---|---|---|---|---|---|
| | in | (mm) | gal/min | ($dm^3$/min) | psi | (kPa) |
| TFP CV-1F | 12 | (300) | 7050 | (26685) | 1.4 | (10) |
| TFP CV-1FR* | 2 | (50) | 200 | (755) | 3.4 | (24) |
| TFP CV-1FR* | 2 1/2 | (65) | 250 | (945) | 2.6 | (18) |
| TFP CV-1FR* | 3 | (80) | 400 | (1515) | 4.3 | (29) |
| TFP CV-1FR* | 4 | (100) | 750 | (2840) | 4.0 | (28) |
| TFP CV-1FR* | 5 | (125) | 1000 | (3785) | 2.7 | (19) |
| TFP CV-1FR* | 6 | (150) | 1500 | (5680) | 2.2 | (15) |
| TFP CV-1FR* | 8 | (200) | 3000 | (11355) | 2.2 | (15) |
| TFP CV-1FR* | 10 | (250) | 5000 | (18925) | 1.3 | (9) |
| TFP CV-1FR* | 12 | (300) | 7050 | (26685) | 1.4 | (10) |

# Details

| | |
|---|---|
| **Category** | Check Valves, Anti-Water Hammer |
| **Class of Work** | 1230 - Anti-Wtr Hammer Ck Valves |
| **Approval Standard** | FM 1230 - Anti-Water Hammer Check Valves |
| **Certification Type** | FM Approved |
| **Listing Country** | United States of America |

# Company

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