



# KINGSTON

Manufacturing reliable industrial valves for industry since 1908.

## 621

Control Valve

## Model 621

Kingston Discharge Unloader Valve



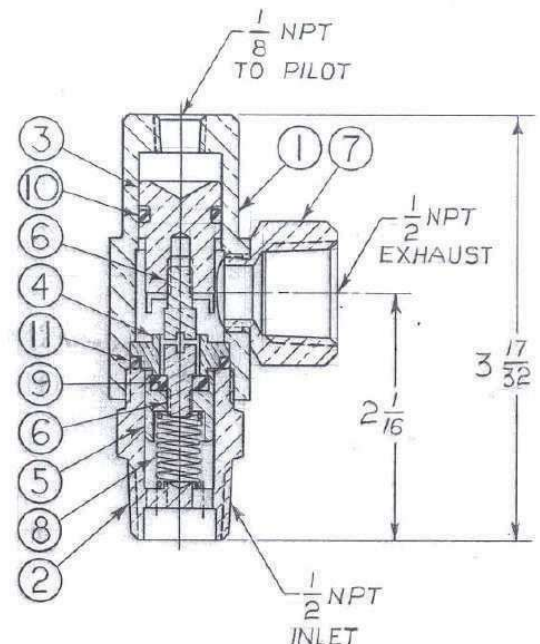
### Features

- Mufflers May Be Installed on the Discharge Ports for Quieter Operation.
- Can Be Used for Intercooler Blow Down and Many Other Air and Some Liquid Applications
- Model 621-4-4 is Recommended for Air Compressors through 5 HP
- Model 621-6-5 is Recommended for Air compressors 7-1/2 through 15 HP

| Model | Inlet Size | Outlet Size | Dimensions |              |           | Approx. Shipping Wt. | Min. Temp (°F) | Max. Temp (°F) |
|-------|------------|-------------|------------|--------------|-----------|----------------------|----------------|----------------|
|       |            |             | Height (A) | Thickness(B) | Width (C) |                      |                |                |
| 621   | 1/2" NPT   | 1/2" NPT    | 3-17/32"   | 1-1/8"       | 1-29/32"  | 12 oz.               | -40°F          | 225°F          |
|       | 1" NPT     | 3/4" NPT    | 5"         | 1-13/16"     | 1-13/16"  | 1 lb. 15 oz.         | -250°F         | 350°F          |

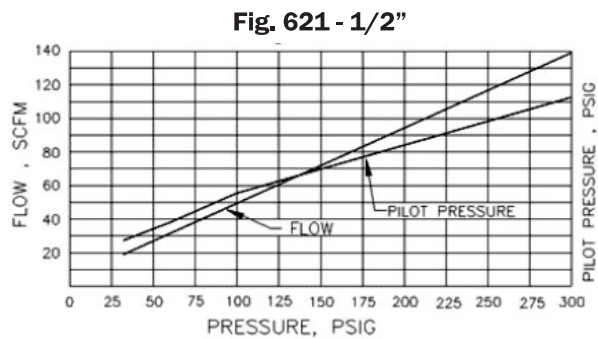
### Materials

| No. | Part Name             | Materials       |
|-----|-----------------------|-----------------|
| 1   | Plunger Body          | Brass           |
| 2   | Base                  | Brass           |
| 3   | Plunger               | Brass           |
| 4   | Valve Seat            | Brass           |
| 5   | Valve                 | Brass           |
| 6   | Screw                 | Brass           |
| 7   | Adapter (EXH)         | Brass           |
| 8   | Spring                | Stainless Steel |
| 9   | Disc                  | Viton           |
| 10  | "O" Ring (Plunger)    | Viton           |
| 11  | "O" Ring (Valve Seat) | Buna "N"        |

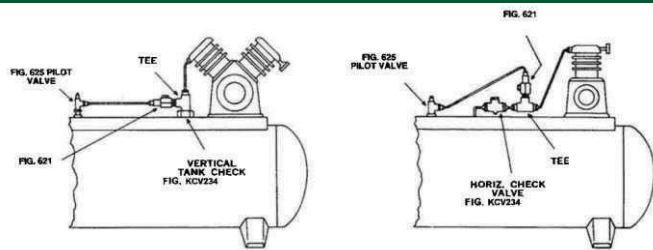


# Kingston Model 621 Discharge Unloader Valve

## Flow Capacity Information



## Installation Instructions

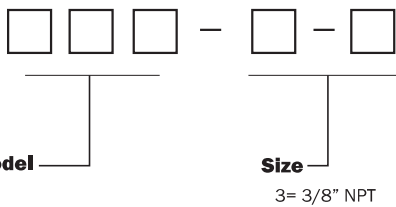


Install a pipe tee in the air compressor discharge line, ahead of the Kingston check valve. Connect the male thread of the Fig. 621 Unloader to the unused tee opening. Mount a Kingston Unloader pilot valve on the air tank and connect it's side outlet port to the pilot port on the Fig. 621, using 1/4" tubing.

For quieter operation, a muffler may be installed on the discharge port on the Fig. 621.

## Ordering Information

### Kingston Air Compressor Valves Part Number Codes



## Product Notes

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