



# KINGSTON

Manufacturing reliable industrial valves for industry since 1908.

## 620

### Control Valve

## Model 620

### Kingston Automatic Drain Valve



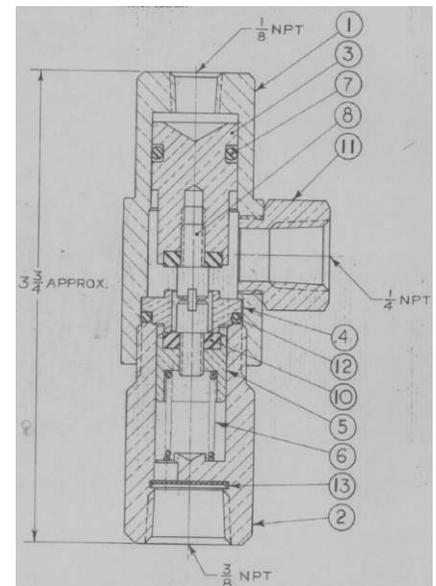
### Features

- Designed For Use on All Compressors with an Unloader Port
- Complete Drainage is Assured by Double Action of the Valve (which opens when the compressor starts and stops)
- Long, Trouble-Free Service is Provided Through
- Simplicity of Design and the Use of Rust-Resisting Materials.
- Stainless Steel or Music Wire Spring Depending on Set Pressure

Model	Inlet Size	Outlet Size	Dimensions (inches)			Pressure Range (PSI)	Min. Temp (°F)	Max. Temp (°F)
			Height (A)	Thickness (B)	Width (C)			
620	3/8" NPT	1/4" NPT	3-3/4"	1-1/8"	1-21/32"	30-400	-40°F	225°F

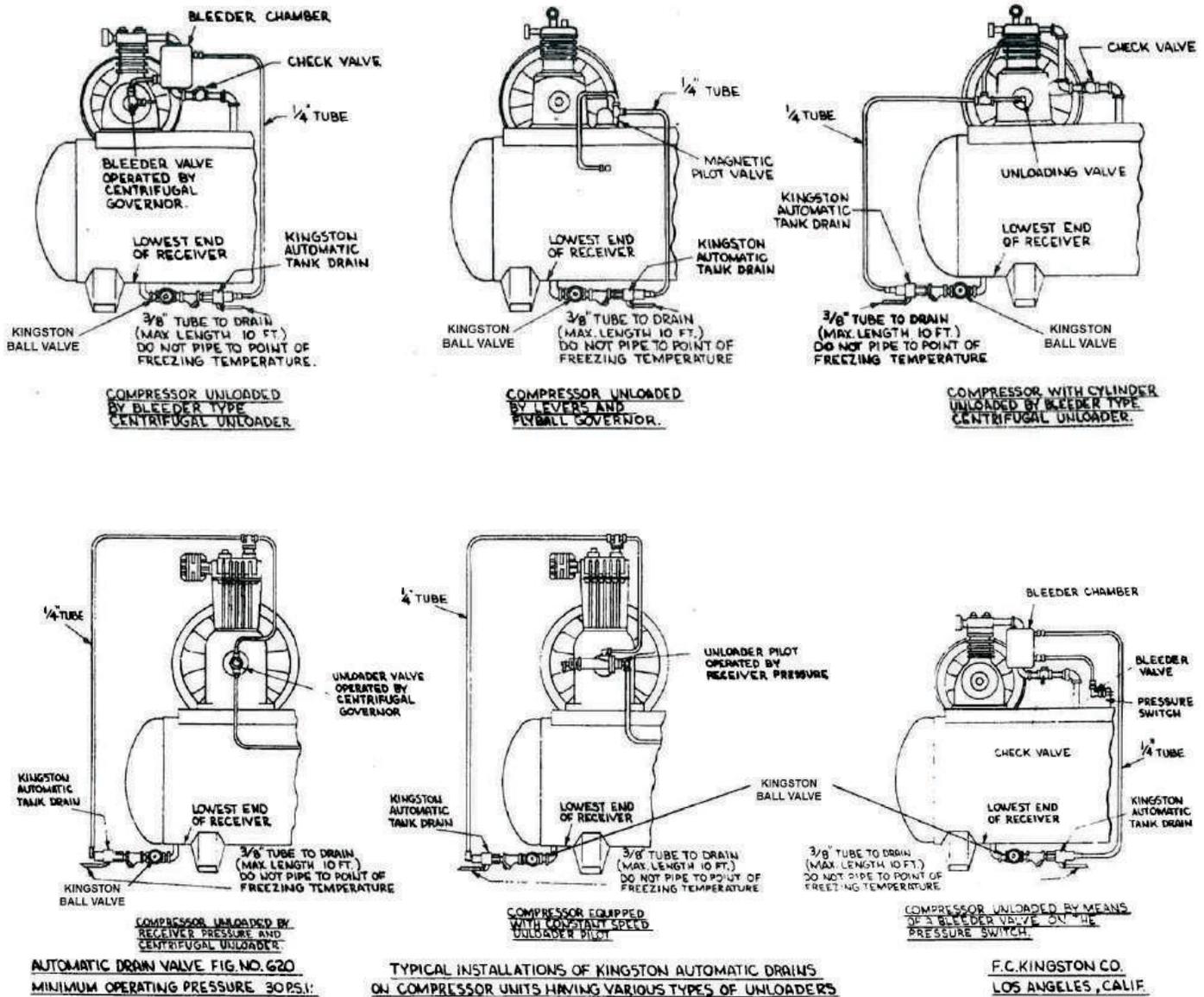
### Materials

No.	Part Name	Materials
1	Plunger Body	Brass
2	Valve Body	Brass
3	Plunger	Brass
4	Valve Seat	Brass
5	Valve	Brass
6	Spring	Stainless Steel
7	"O" Ring	Buna "N"
8	Screw	Brass
10	Disc	Buna "N"
11	Side Outlet	Brass
12	"O" Ring	Buna "N"
13	Screen	Brass Wire



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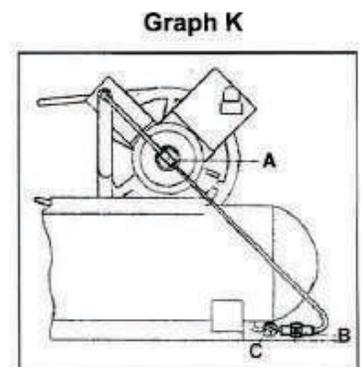
## Installation Data



## Installation Instructions

It is recommended that the tank drain be opened to blow off existing water, oil and scale before the Automatic Drain Valve is installed.

1. Connect 3/8" drain valve inlet (1) to the manual drain valve on the bottom of the tank. Use pipe fittings to adapt.
2. The 1/8" pilot port (2) must be connected to a point on the compressor package which will provide a pressure/no pressure cycle.



# Kingston Model 620 Automatic Drain Valve

## Installation Instructions (continued)

Options: compressor discharge line between the compressor head and the check valve; Check valve bleeder port; Unloader control line; 3-Way valve on the pressure switch; Suction valve unloader line.

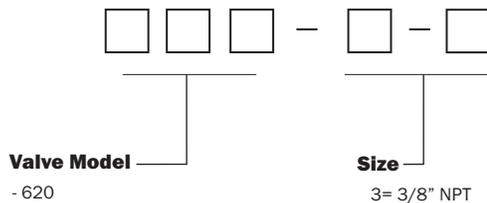
3. The water and oil is expelled through 1/4" side outlet port. (3). Some local regulations require filtration of the effluent prior to disposal. We recommend the use of 3/8" copper tubing to carry the effluent to a collection point. Maximum length, 10'.

4. Additional steps may be necessary when applied to air compressors smaller than 5HP starting with 0 pressure in the tank. Please contact factory for details.

Note: State of California code requires a manual "bypass" drain valve be installed in conjunction with automatic drain valves. The Kingston models KBV or KMBV can satisfy this requirement. Re: Title 8, section 465(a) unfired vessel safety orders.

## Ordering Information

### Kingston Air Compressor Valves Part Number Codes



## Product Notes

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