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|-------------|-----------------|-------|
| JOB:        | REPRESENTATIVE: |       |
| UNIT TAG:   | ORDER NO.       | DATE: |
| ENGINEER:   | SUBMITTED BY:   | DATE: |
| CONTRACTOR: | APPROVED BY:    | DATE: |



## Miscellaneous Accessories

### DESCRIPTION

**NO. 87, 67, and 7 AUTOMATIC AIR VENTS** - are designed to vent the accumulation of troublesome air wherever it can be trapped. These non-ferrous automatic air vents are 4-3/4"x2-1/4", 3-3/16"x1-1/2", and 4-1/6"x2-3/16"(height and width), respectively, and are rated for a maximum operating temperature of 240°F at pressures of 150, 35, and 75 PSI, respectively. The No. 87 has a combination of 1/2" FPT / 3/4"MPT connection, whereas No's. 67 and 7 have 1/8" MPT and 1/8" FPT connections, respectively.

**No. 26 VACUUM BREAKER** - Designed to protect closed vessels and piping systems against collapse when the induced vacuum exceeds design conditions. When used on steam heating piping systems, the No. 26 Vacuum Breaker controls induced vacuum permitting normal return of condensate to the boiler. Adjustable range 1/4" to 20" (mercury) vacuum - 150 PSIG maximum working pressure - 240 °F maximum operating temperature (Factory set at 4" mercury).

**No. 17 SR. AUTOMATIC AIR VALVE** - No. 17 Sr. Valve is a deluxe, hygroscopic air valve with manual shut-off. 1/8" MNPT connection.

**30 PSIG Working Pressure**  
**225 °F Maximum Operating Temperature**

**No. 4V "COIN-OPERATED" AIR VENT** - This vent is specially designed for the new types of radiators. A particular feature is that it projects only slightly, being almost flush with the radiator.

**150 PSIG Working Pressure**  
**250 °F Maximum Operating Temperature**

**NO. 107A HIGH CAPACITY AIR VENT** - A rugged High Capacity Air Vent designed to purge free air from liquid systems at operating pressures up to 150 psig. The Model 107A Air Vent has a cast iron body and bonnet, with stainless steel, brass, and EPDM internal components and is suitable for a maximum operating temperature of 250°F. The Model 107A Air Vent has a 3/4" FNPT inlet and 3/8" FNPT outlet.

**RV-125A READOUT VALVE AND RP-250B READOUT PROBE** - The RV-125A is designed for use wherever pressure tapings are required to monitor flow or pressures. This Readout Valve is fitted with an EPT insert which incorporates a unique check valve feature designed to check flow when the Readout Valve is not being used to monitor flow. Use companion RP-250B Readout Probes with the RV-125A Readout Valve. 300 PSIG working pressure - 250°F maximum operating temperature.

**DT-2 DRAIN-O-TANK® AIR CHARGER** - The Drain-O-Tank Air Charger offers a sure, quick way to recharge a water-logged compression tank.

**125 PSIG Working Pressure**  
**240 °F Maximum Operating Temperature**

**No. 97 Air Vent** - is a float type automatic air vent that is designed to vent troublesome air from hydronic heating systems. The 97 vent has forged brass body and cap with non-ferrous internals. The vent is 3-1/8"x1-7/8" with a maximum operating pressure of 150 PSI and temperature of 240°F.

**150 PSIG Working Pressure**  
**240 °F Maximum Operating Temperature**

**No. 98 Air Vent** - is a high capacity automatic air vent that is designed to remove air in closed loop systems. The No. 98 high capacity air vent has brass body and cap with non-ferrous internals. The vent is 4-1/2"x2-1/4" with with 1/2" NPTF connection.

**150 PSIG Working Pressure**  
**250 °F Maximum Operating Temperature**

**SCHEDULE**

| MODEL NUMBER | PART NUMBER | PRODUCT                          | MAXIMUM WORKING PRESSURE PSIG | MAXIMUM OPERATING TEMPERATURE °F | TAGGING INFORMATION | QUANTITY |
|--------------|-------------|----------------------------------|-------------------------------|----------------------------------|---------------------|----------|
| 4V           | 113055      | Air Vent                         | 150                           | 250                              |                     |          |
| 67           | 113020      | Automatic Air Vent               | 35                            | 240                              |                     |          |
| 7            | 113001      | Automatic Air Vent               | 75                            | 240                              |                     |          |
| 87           | 113021      | Automatic Air Vent               | 150                           | 240                              |                     |          |
| 107A         | 113076      | High Capacity Automatic Air Vent | 150                           | 250                              |                     |          |
| 17 Sr.       | 113004      | Automatic Air Valve              | 30                            | 225                              |                     |          |
| 26           | 113075      | Vacuum Breaker                   | 150                           | 250                              |                     |          |
| DT-2         | 113041      | Drain-O-Tank                     | 125                           | 240                              |                     |          |
| 97           | 113222      | Automatic Air Vent               | 150                           | 240                              |                     |          |
| 98           | 113246      | High Capacity Automatic Air Vent | 150                           | 250                              |                     |          |
| RV-125A      | 113100      | Readout Valve                    | 300                           | 250                              |                     |          |
| RP-250B      | 113102      | Readout Probe                    | 300                           | 250                              |                     |          |

**DIMENSIONS AND WEIGHTS**

| MODEL NUMBER | PART NUMBER | DIMENSIONS INCHES |         | CONNECTIONS INCHES NPT |        | APPROX. SHPG. WT. LBS. |       |
|--------------|-------------|-------------------|---------|------------------------|--------|------------------------|-------|
|              |             | WIDTH             | HEIGHT  | SIZE                   | TYPE   | CARTON OF              | TOTAL |
| 4V           | 113055      | 5/8               | 5/8     | 1/8                    | M      | 48                     | 2.0   |
| 67           | 113020      | 1-1/2             | 3-3/16  | 1/8                    | M      | 12                     | 3.0   |
| 7            | 113001      | 2-3/16            | 4-1/16  | 1/8                    | F      | 12                     | 6.0   |
| 87           | 113021      | 2-1/4             | 4-3/4   | 3/4<br>1/2             | M<br>F | 12                     | 8.0   |
| 107A         | 113076      | 4-1/2             | 9-5/8   | 3/4                    | F      | 1                      | 10.0  |
| 17 Sr.       | 113004      | 13/16             | 1-1/4   | 1/8                    | M      | 12                     | 2.0   |
| 26           | 113075      | 1-1/4             | 3       | 3/4                    | M      | 6                      | 3.0   |
| DT-2         | 113041      | 2-1/4             | 9-5/16  | 1/2                    | M      | 12                     | 8.0   |
| 97           | 113222      | 1-7/8             | 3-1/8   | 1/8                    | M      | 10                     | 4.0   |
| 98           | 113246      | 2-1/4             | 4-1/2   | 1/2                    | F      | 10                     | 8.0   |
| RV-125A      | 113100      | 1/2               | 1-3/32  | 1/8                    | M      | 50                     | 4.0   |
| RP-250A      | 113102      | 1/2               | 1-31/32 | 7/16                   | M      | 6                      | 0.1   |

\* All dimensions and weights are approximate and not to be used for construction, pre-piping or freight rating unless certified by Bell & Gossett in writing.

**MATERIALS OF CONSTRUCTION**

Body (all products except Model 107A High Capacity Air Vent): Brass

Body & Bonnet (Model 107A High Capacity Air Vent): Cast Iron

Internals: Nonferrous