

For Ammonia (R-717) and Halocarbon Refrigerants

Features

- **Welded Construction:**
 - 2" Schedule 80 Pipe
 - 2-1/2" Schedule 40 Pipe
 - 3" Schedule 40 Pipe
- Incorporates Level Eye® Sight Glasses (See Bulletin 1100)
- Saddle-Milled Level Eye® Housings Standard
- Custom Connection Sizes & Locations
- Custom Pipe Lengths
- Capacitance Level Probes and Float Switches Available



Phillips® Level Eye® Column
(Shown with Side Connections)

Description

Phillips® Level Eye® columns are rugged refrigerant level gauges that are available in several different pipe sizes at any desired length. Provisions for level control devices can be easily provided, whether in the form of a threaded coupling for a capacitance level probe, multiple pipe stubs for float switches, or connections for any other device. Phillips can also provide the probe or the float switches with the column. Submit your specifications and Phillips® will provide a quote per your requirements.

A wide range of Level Eye® sight glass configurations can be provided to suit specific operating conditions. Sight glass options include clear or reflex lenses, frost shields, and a variety of housing lengths. Minimum sight glass spacing is typically 4 inches, but this distance can be increased as desired. See Bulletin 1100 for the full range of Level Eye® options.

Level Eye® columns can be supplied for any type of vessels in any one of three basic types: 'H', 'M', and 'L'. See the reverse side of this bulletin for ordering guidelines.

TYPE 'H' LEVEL EYE® COLUMNS are for use with high temperature receivers, and are constructed from 2" Schedule 80 pipe.

TYPE 'M' LEVEL EYE® COLUMNS are for use on vessels with operating pressures between 15 and 75 PSIG (1 to 5 BAR G). These vessels include controlled-pressure receivers where temperatures may drop as low as 0°F (-18°C). The columns are constructed from 2-1/2" Schedule 40 pipe. Because of the temperature range, it is recommended that the sight glasses for these columns be provided with standard-length frost shields.

TYPE 'L' LEVEL EYE® COLUMNS are for use on vessels with operating pressures below 15 PSIG (1 BAR G). These columns are constructed from 3" Schedule 40 pipe. If temperatures in these vessel drop below -20°F (-29°C), it is recommended that the sight glasses for these columns be provided with extended-length frost shields.

Ordering Instructions

When ordering, please specify a model number using the table below. Details such as Level Eye® options and spacing, float switch placement, top coupling for capacitance probe, etc. should be given at the time of order.

Level Eye® Column Model Numbers

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Number of Level Eyes®			
Column Type: H (2" SCH80) M (2-1/2" SCH40) L (3" SCH40)			
Column Length (inches), (Dimension 'D' in Diagram below)			
Connection Location: (Blank): Side Connection E: End Connections			

Examples

6L-126

3" nominal dia. X 126" long with (6) Level Eyes®.

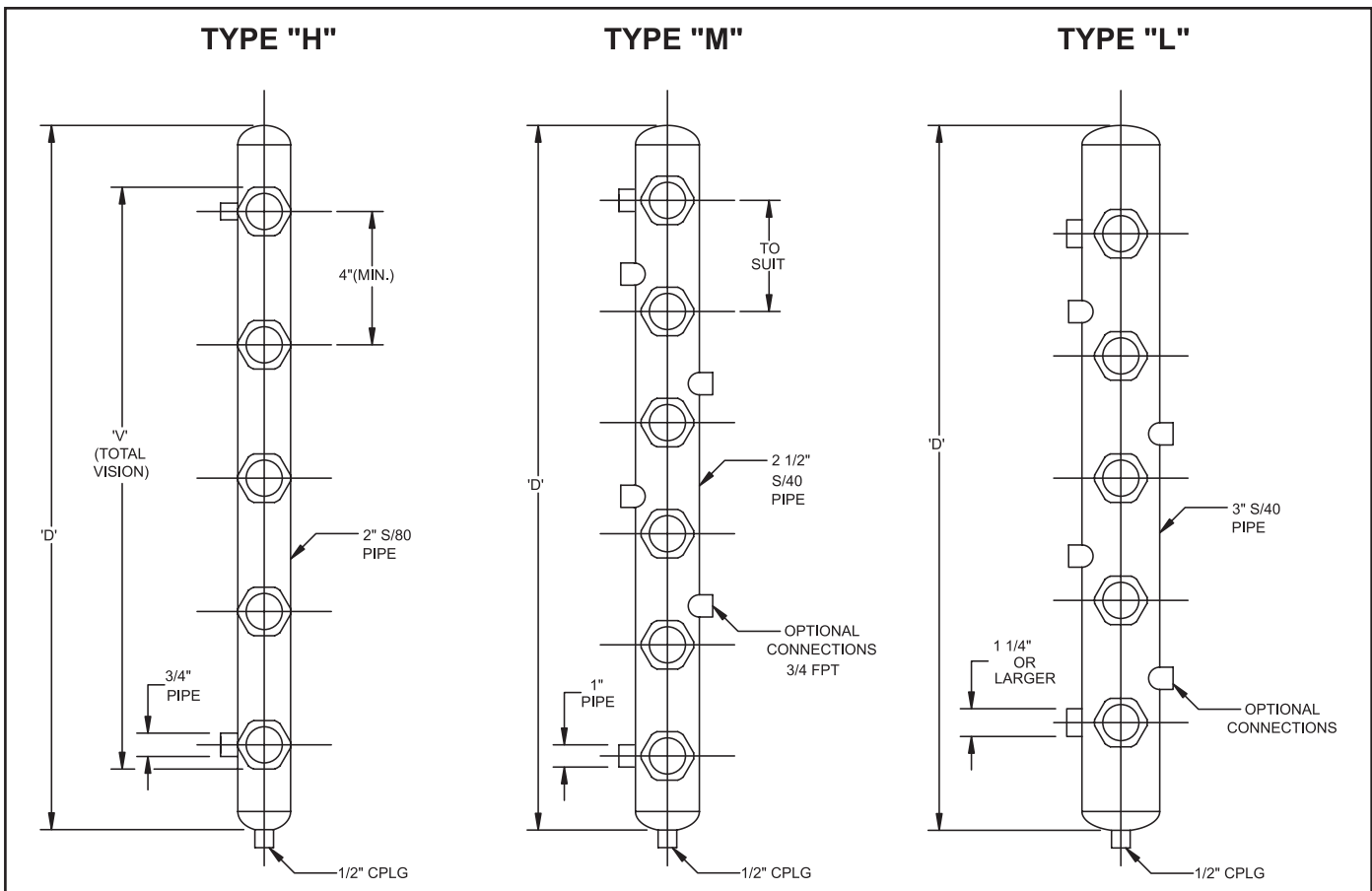
2H-16E

2" nominal dia. X 16" long with end connections and (2) Level Eyes®.



Level Eye®
(See Bulletin 1100)

Level Eye® Column, TYPE "H", "M", & "L" Diagrams



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