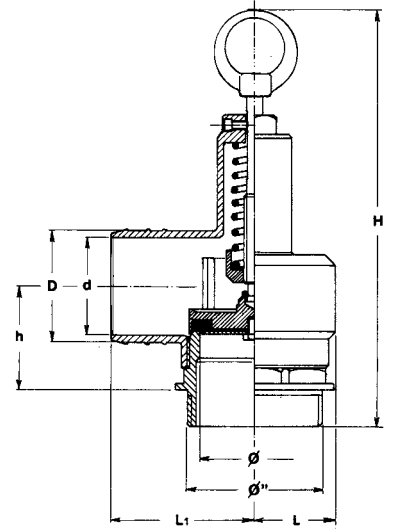


# BRASS PRESSURE VALVES



- DURABLE BRASS CONSTRUCTION
- SIZES RANGING FROM 1-1/4 TO 2 INCHES
- PRESSURE RANGE FROM 155 TO 300 CFM
- FULLY ADJUSTABLE

| DIMENSIONS |       |       |       |  |
|------------|-------|-------|-------|--|
| 0"         | 1.25" | 1.5"  | 2"    |  |
| 0l         | 1.26" | 1.57" | 1.9"  |  |
| d          | 1.3"  | 1.46" | 1.7"  |  |
| D          | 1.54" | 1.73" | 1.93" |  |
| h          | 1.8"  | 1.93" | 2.01" |  |
| H          | 7.7"  | 7.7"  | 7.7"  |  |
| L          | 1.1"  | 1.18" | 1.42" |  |
| L1         | 1.13" | 2.36" | 2.52" |  |



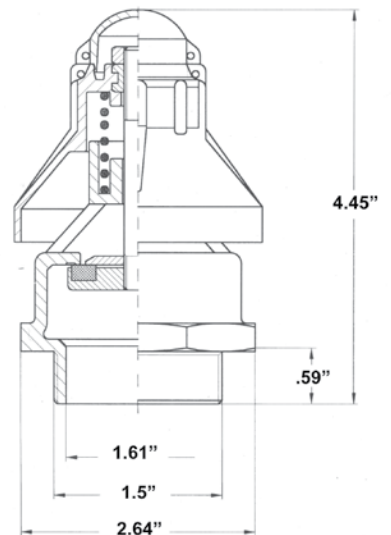
| PART#        | DESCRIPTION                             | WEIGHT |
|--------------|---|--------|
| 1048-0000 MZ | 1 1/4" BRASS PRESSURE VALVE - (155 CFM) | 2LBS   |
| 1049-0000 MZ | 1 1/2" BRASS PRESSURE VALVE - (230 CFM) | 2LBS   |
| 1050-0000 MZ | 2" BRASS PRESSURE VALVE - (300 CFM)     | 3LBS   |
| 1050-0001 MZ | REPLACEMENT RING                        |        |

# BRASS VACUUM RELIEF VALVES



**ADJUSTABLE**

- DURABLE BRASS CONSTRUCTION
- AVAILABLE IN 1 1/2" SIZE
- RATED AT 370 CFM FLOW

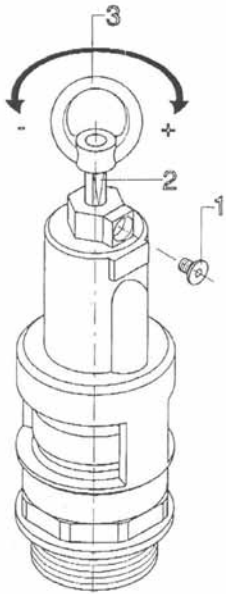


| PART#        | DESCRIPTION                                 | WEIGHT |
|--------------|---|--------|
| 1035-0000 MZ | 1 1/2" BRASS VACUUM RELIEF VALVE, (370 CFM) | 1LBS   |
| 1035-0001 MZ | REPLACEMENT CAP                             |        |

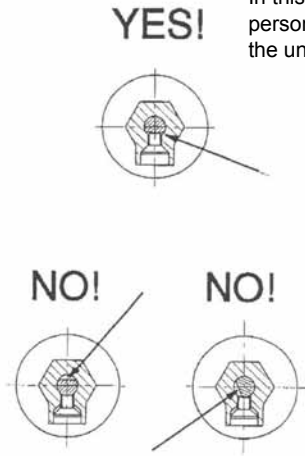
[www.chandlerequipment.com](http://www.chandlerequipment.com)

Due to unforeseeable market fluctuations, prices are subject to change without notice.

# SAFETY VALVES - PRESSURE VALVE SETTINGS



In lack of directions from the Customer, the safety valves are delivered without settings. In this case the setting will be done by the person who install the valve according to the under stated proceedings.



## SETTINGS

|                   |               |
|-------------------|---------------|
| <b>PN SERIES</b>  | <b>12 PSI</b> |
| <b>R SERIES</b>   | <b>14 PSI</b> |
| <b>PNR SERIES</b> | <b>12 PSI</b> |
| <b>LC SERIES</b>  | <b>16 PSI</b> |
| <b>PR SERIES</b>  | <b>16 PSI</b> |
| <b>DL SERIES</b>  | <b>14 PSI</b> |
| <b>PVT SERIES</b> | <b>16 PSI</b> |

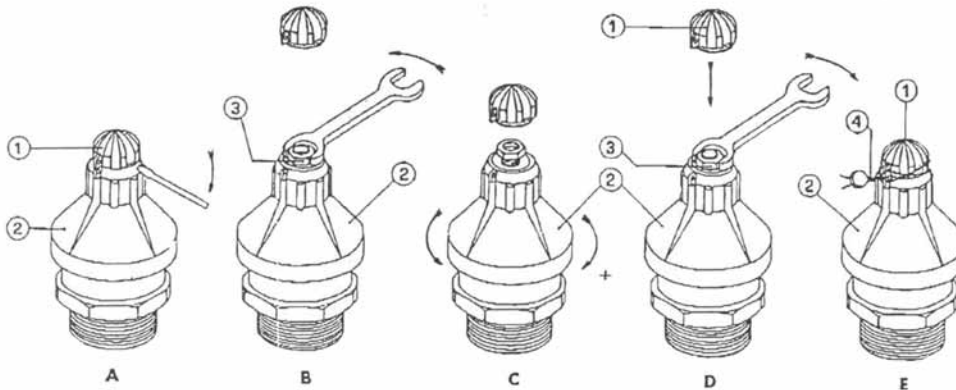
## PRESSURE VALVE SETTINGS

After having released the anti-rotation screw (pos. 1) is sufficient to wheel the upper ring (pos. 3) to increase (clockwise rotation) or decrease (anti-clockwise rotation) the setting pressure.

When you have reached the desired pressure, you must verify that the arrow on the stem (pos. 2) lines up to the anti-rotation screw (pos. 1). On the contrary it is necessary to wheel lightly the upper ring till you reach the exact correspondence. At last you have to screw completely the anti-rotation screw (pos. 1) and the setting is completed.

**ATTENTION:** When setting is over, please verify that the stem can wheel, but can only slide vertically. **DO NOT REPLACE** for no motivations, the standard anti-rotation screw with other types or blocking systems; use exclusively Metaltecnica spare parts.

# SAFETY VALVES - VACUUM RELIEF VALVE SETTINGS



## SETTINGS

|                   |            |
|-------------------|------------|
| <b>PN SERIES</b>  | <b>15"</b> |
| <b>R SERIES</b>   | <b>18"</b> |
| <b>PNR SERIES</b> | <b>18"</b> |
| <b>LC SERIES</b>  | <b>25"</b> |
| <b>PR SERIES</b>  | <b>24"</b> |
| <b>DL SERIES</b>  | <b>21"</b> |
| <b>PVT SERIES</b> |            |
| - PVT200          | <b>24"</b> |
| - PVT400          | <b>24"</b> |
| - PVT1000         | <b>24"</b> |

## VACUUM RELIEF VALVE SETTINGS

- Take off cover (1) from the adjusting bell (2) by using the point of a screwdriver in the special incision.
- Loosen the stop set nut (3) by firmly holding the adjusting bell (2).
- Regulate the pressure on the spring by turning the adjusting bell (2). Turn clockwise to increase the pressure and turn anti-clockwise to reduce it. During this operation it is necessary to avoid the rotation of the stem acting with a screwdriver in the special incision that you find in the stem.
- As soon as the regulation is completed, screw the stop set nut again (3) by firmly holding the adjusting bell (2). The set nut must be screwed with a screwing torque of 10 nm (at last). Insert the cover (1) with pressure on the adjusting bell (2).
- Put the setting-seal by tying with a wire (4) the cover (1) and the adjusting bell (2), and apply finally the plumbing.