## Medical Gas Check Valve with Extensions



## General Specifications:

The Medical Gas Check Valve shall be an Amico Alert-1 series.

The valves shall be a 3-Piece design, with a removable body for servicing without cutting or disassembling of lines. Valves are to be provided with type-K copper extensions for connections on the pipeline. The medical gas check valves are designed for working pressures of up to 300 psig [ $2,068 \mathrm{kPa}$ ]

Each check valve assembly shall be washed and degreased for medical gas service as per CGA G-4.1. Pipe stub extensions shall be capped at both ends. The valve shall be supplied in a sealed plastic bag to prevent contamination prior to installation.

NOTE: The Medical Gas Check Valve is recommended to be installed in the horizontal position.

## Features:

Cleaned for medical gas service
Individually packaged and capped
Available in sizes $1 / 2^{\prime \prime}$ to $4^{\prime \prime}$
3-piece design for ease of maintenance
Type-K copper extensions
Dual gauge port design
100\% Hydrostatically tested
Pressure rating up to 300 psig [2.068 kPa]

## Project

Highest CV possible

## $1 / 2$ " to 2"Valve


$2^{1} / 2^{\prime \prime}$ to $4^{\prime \prime}$ Valve


## Model Numbers

| MODEL\# | VV-CHK3- <br> EXT05 | VV-CHK3- <br> EXT07 | VV-CHK3EXT10 | VV-CHK3EXT12 | VV-CHK3EXT15 | $\begin{aligned} & \text { VV-CHK3- } \\ & \text { EXT20 } \end{aligned}$ | VV-CHK3- EXT25 | $\begin{gathered} \text { VV-CHK3- } \\ \text { EXT30 } \end{gathered}$ | $\begin{gathered} \text { VV-CHK3- } \\ \text { EXT40 } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SIZE | $\begin{gathered} 0.5^{\prime \prime} \\ {[12.7 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 0.75^{\prime \prime} \\ {[19 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 1^{\prime \prime} \\ {[25.4 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 1.25^{\prime \prime} \\ {[41.7 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 1.5^{\prime \prime} \\ {[38.1 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2^{\prime \prime} \\ {[50.8 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2.5^{\prime \prime} \\ {[63.5 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 3^{\prime \prime} \\ {[76.2 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 4^{\prime \prime} \\ {[101.6 \mathrm{~mm}]} \end{gathered}$ |
| A | $\begin{gathered} 3.21^{\prime \prime} \\ {[81.534 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 3.21^{\prime \prime} \\ {[81.534 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 3.72^{\prime \prime} \\ {[94.488 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 4.06^{\prime \prime} \\ {[103.124 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 4.45^{\prime \prime} \\ {[113.03 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 5.18^{\prime \prime} \\ {[131.572 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 6.10^{\prime \prime} \\ {[154.94 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 6.76^{\prime \prime} \\ {[171.704 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 8.56^{\prime \prime} \\ {[217.424 \mathrm{~mm}]} \end{gathered}$ |
| B | $\begin{gathered} 6^{\prime \prime} \\ {[152.40 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 6^{\prime \prime} \\ {[152.40 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 6^{\prime \prime} \\ {[152.40 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 6^{\prime \prime} \\ {[152.40 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 6^{\prime \prime} \\ {[152.40 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 6^{\prime \prime} \\ {[152.40 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 6^{\prime \prime} \\ {[152.40 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 8^{\prime \prime} \\ {[203.20 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 8^{\prime \prime} \\ {[203.20 \mathrm{~mm}]} \end{gathered}$ |
| C | $\begin{gathered} 2^{\prime \prime} \\ {[50.8 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2^{\prime \prime} \\ {[50.8 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2^{\prime \prime} \\ {[50.8 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2^{\prime \prime} \\ {[50.8 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2^{\prime \prime} \\ {[50.8 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2^{\prime \prime} \\ {[50.8 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2^{\prime \prime} \\ {[50.8 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2^{\prime \prime} \\ {[50.8 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2^{\prime \prime} \\ {[50.8 \mathrm{~mm}]} \end{gathered}$ |
| D | $\begin{gathered} 15.21^{\prime \prime} \\ {[386.334 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 15.21^{\prime \prime} \\ {[386.334 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 15.72^{\prime \prime} \\ {[399.288 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 16.06^{\prime \prime} \\ {[407.924 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 16.45^{\prime \prime} \\ {[417.83 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 17.18^{\prime \prime} \\ {[436.372 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 18.1^{\prime \prime} \\ {[459.74 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 22.76 \\ {[578.104 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 24.56^{\prime \prime} \\ {[623.824 \mathrm{~mm}]} \end{gathered}$ |
| E | $\begin{gathered} 0.33^{\prime \prime} \\ {[8.382 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 0.33^{\prime \prime} \\ {[8.382 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 0.33^{\prime \prime} \\ {[8.382 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 0.40^{\prime \prime} \\ {[10.16 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 0.40^{\prime \prime} \\ {[10.16 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 0.40^{\prime \prime} \\ {[10.16 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} .5^{\prime \prime} \\ {[12.7 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} .5^{\prime \prime} \\ {[12.7 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} .5^{\prime \prime} \\ {[12.7 \mathrm{~mm}]} \end{gathered}$ |
| F | $\begin{gathered} 1.43^{\prime \prime} \\ {[36.322 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 1.43^{\prime \prime} \\ {[36.322 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 1.62^{\prime \prime} \\ {[41.148 \mathrm{~mm}]} \end{gathered}$ | $2^{\prime \prime}$ | $\begin{gathered} 2.25^{\prime \prime} \\ {[57.15 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2.86^{\prime \prime} \\ {[72.644 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 4.94^{\prime \prime} \\ {[125.476 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 5.51^{\prime \prime} \\ {[139.954 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 7.46^{\prime \prime} \\ {[189.484 \mathrm{~mm}]} \end{gathered}$ |
| G | $\begin{gathered} 1.43^{\prime \prime} \\ {[36.322 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 1.43^{\prime \prime} \\ {[36.322 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 1.62^{\prime \prime} \\ {[41.148 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2^{\prime \prime} \\ {[50.8 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2.25^{\prime \prime} \\ {[57.15 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2.86^{\prime \prime} \\ {[72.644 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 4.28^{\prime \prime} \\ {[108.712 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 4.77^{\prime \prime} \\ {[121.158 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 6.46^{\prime \prime} \\ {[164.084 \mathrm{~mm}]} \end{gathered}$ |
| H | - | - | - | - | - | - | $\begin{gathered} 2.47^{\prime \prime} \\ {[62.738 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 2.75^{\prime \prime} \\ {[69.85 \mathrm{~mm}]} \end{gathered}$ | $\begin{gathered} 3.73^{\prime \prime} \\ {\left[94.742^{\prime \prime}\right]} \end{gathered}$ |
| I | - | - | - | - | - | - | - | - | $\begin{gathered} 2.5^{\prime \prime} \\ {[63.5 \mathrm{~mm}]} \end{gathered}$ |

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