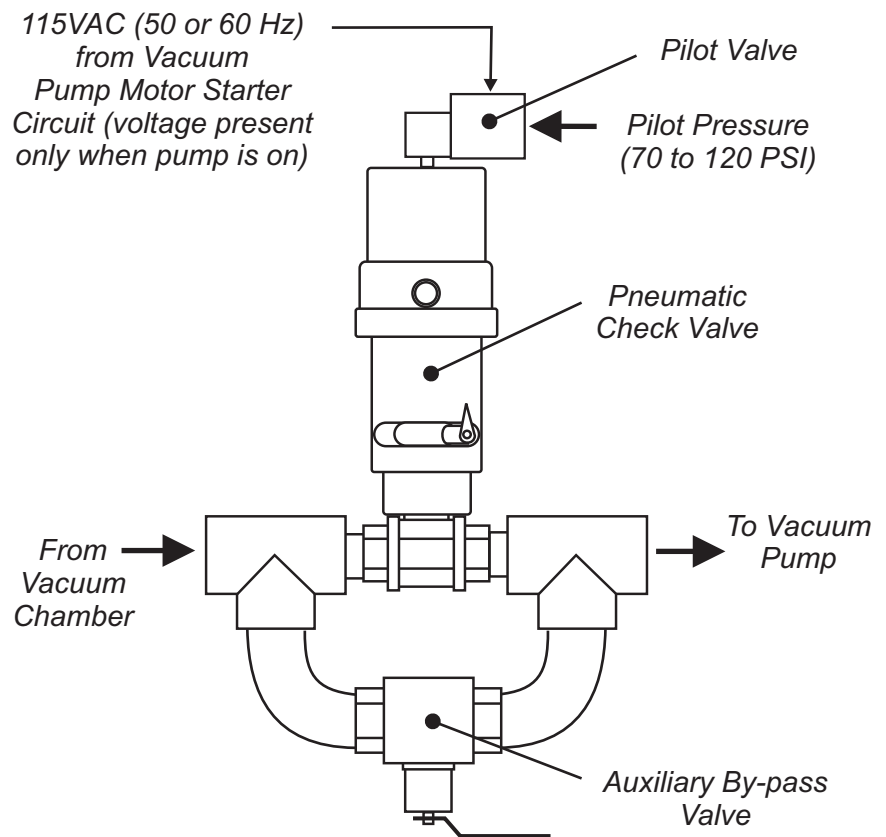


# VACUUM SYSTEM PNEUMATIC CHECK VALVE

The Steele Vacuum System Pneumatic Check Valve replaces the traditional swing check valve used on vacuum systems. It provides positive shut-off and prevents vacuum pump oil from being drawn into the vacuum system plumbing when the pump is turned off.

## How it Works

The valve is normally closed. When the pump is turned on, the valve opens within 300 milliseconds to allow free flow of air with minimum restriction and no chatter. When the vacuum pump is turned off, the valve closes within 300 milliseconds to quickly isolate the vacuum pump from the vacuum chamber and piping.



## Suggested Installation

### How it is Installed

The Pneumatic Check Valve has 2" NPT female fittings on each end so bushings or other adapters may be required to fit up with existing plumbing. It requires shop air (70 to 120 psi) for actuation. The included pilot valve must be energized whenever the vacuum pump motor is running. The pilot valve supplies shop air pressure to energize (open) the valve whenever the pump is running.

## NOTE

***We recommend that a manual by-pass valve be installed in parallel with the Vacuum System Pneumatic Check Valve as a precaution against loss of pilot pressure, electrical signal, or other malfunctions.***



*The Best Since 1889*

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