



How to save time and reduce labor costs.

Phase 3: Solenoid gas valves

Good reasons

You've got to have good reasons to switch to a new product.

It must do the job — and do it well. It had better save you time. It had better help reduce your labor costs. And it had better be from a company that you can count on... one that will deliver the same high quality you've depended on for years.

Introducing Honeywell's V4297 Solenoid Gas Valves. It gets the job done. Available in both normally closed safety-shutoff and normally open-vent models, the valve controls the flow of natural and LP (liquefied petroleum) gases. Use it on furnaces, ovens, atmospheric burners, commercial water heaters, roof-top make-up air units, power burners and commercial/industrial boilers.

The gas valve train of tomorrow... here today.

The V4297 Solenoid Valves are part of Honeywell's new integrated gas valve train. The valve train's modular, bolt-together design helps you save time and money. It can help you significantly reduce conventional piping and threading operations, and overall assembly, inventory and service costs. No wonder it's changing the industry.

With the V4297 Solenoid Valve's direct-connecting assembly, you don't have to do all the work that's associated with threaded models. No doping pipe connections. No ratcheting down the conventional piping. No leveling the valve bodies. And replacing the valve bodies is quick and convenient... just loosen and tighten a few bolts.

Also available is the Visual Position Indicator accessory mounted on top of the V4297A. It allows a quick and easy check of system status and meets code requirements for Valve Position Indication.

Your one-stop shop

Honeywell's broad offering gives you mix-and-match flexibility for those applications where dissimilar valve technologies are preferred. And when you need an NPT version, get Honeywell's V4295 Solenoid Valve.

Select Honeywell for your solenoid valve needs. Enjoy the same high quality you've depended on for years. The most extensive line of burner-boiler controls in the business. And breakthrough technology designed to improve combustion equipment performance and your business performance.

Honeywell

When you choose Honeywell, you can enjoy the convenience of one-stop shopping and the savings that come from single sourcing. When you choose Honeywell, you're choosing quality, reliability, and technology leadership.

Coming soon

Phase 4: More innovations

SPECIFICATIONS

Models:

Normally Closed Solenoid Valves:

V4297A 1005:

Small body-low capacity
(3/4", 1", 1-1/4", 1-1/2", 2"),
1" internal opening

V4297A 1013:

Small body-high capacity
(3/4", 1", 1-1/4", 1-1/2", 2"),
2" internal opening

Normally Open Vent Valves:

V4297S1003:

Small body (3/4", 1", 1-1/4",
1-1/2", 2")

1" NPT threaded vent connection

V4297S1011:

Large body (2", 2-1/2", 3")

1-1/4" NPT threaded vent connection

Type of Gas:

Natural, manufactured, mixed or
liquefied petroleum (LP) only.

Operating Pressure Rating:

Maximum: 5 psi.

Ambient Operating Temperature Rating:

V4297A: -40°F to +130°F

(-40°C to +54°C).

V4297S: -40°F to +145°F

(-40°C to +63°C).

Material:

Aluminum body

Mounting:

Directly bolted to Integrated Valve
Train components.

Mounting Position:

Vertical to 90 degrees from vertical.

Current draw:

V4297A 1005 small capacity,

120V: 0.2A

V4297A 1013 high capacity,

120V: 0.5A

V4297S 1003 small body, 120V: 0.2A

V4297S 1011 large body, 120V: 0.34A

Valve opening time: < 1 sec.

Valve closing time: < 1 sec.

Weight:

V4297A 1005: 8 lb (3.6 kg).

V4297A 1013: 14 lb (6.3 kg).

V4297S 1003: 5.5 lb (2.5 kg).

V4297S 1011: 9.5 lb (4.4kg).

Accessories:

Pipe adapters:

Small body:

32000109-001 3/4" NPT

32000109-002 1" NPT

32000109-003 1 1/4" NPT

32000109-004 1 1/2" NPT

32000109-005 2" NPT

Large body:

32001605-001 2" NPT

32001605-002 2 1/2" NPT

32001605-003 3" NPT

KTCPI001 visual position indicator
(for V4297A only)

4074EYF bolts, nuts and washers bag
assembly (supplied with V4297A)

4074EYK O rings and tube of lubricant
bag assembly (supplied with
V4297A)

Approvals:

Underwriters Laboratories Inc.: Listed.
Industrial Risk Insurers (formerly FIA):
Acceptable.

International Approval Services (IAS):
Design Certified.

Factory Mutual

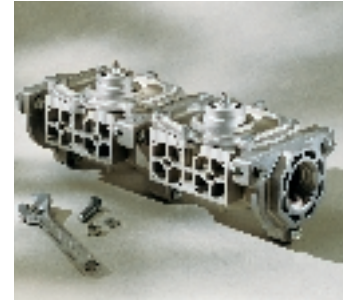
Approved (KTCPI001 Visual Position
Indicator required with V4297A if
used with pipe size above)

Note:

Some applications codes (like NFPA)
require visual indication of the valve
position which is provided by the
KTCPI001 Visual Position Indicator.

PHASE 1:

Direct connecting gas valves



PHASE 2:

Gas/air pressure switches



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