# PT31AV

# BALANCED PRESSURE THERMOSTATIC AIR VENT

# **DESCRIPTION:**

The PT31AV air vent is designed to remove air and noncondensible gases from steam systems. The removal of these gases is important for achieving better start-up efficiency and heat transfer in normal running.

**SIZES:** DN 8, 10, 15, 20

CONNECTIONS: Screwed (NPT, BSPT, BSP

Screwed (NPT, BSPT, BSP Socket weld

### **MATERIAL:**

NO.	PART	MATERIAL	QTY. (Nos.)
1.	BODY	AISI 304*	01
2.	COVER	AISI 304*	01
3.	COVER GASKET	NON-CAF	01
4.	STRAINER SCREEN	AISI 304	01
5.	CONTROLLER ASSY.	AISI 304	01
6.	GASKET	COPPER	01

\*ASTM-A182 GR-F304 on special request.

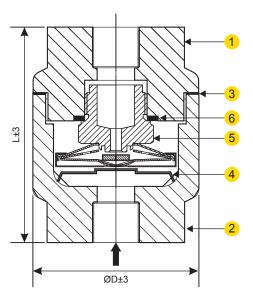
#### DIMENSIONS: Nominal in mm

SIZE	ØD	L	Wt.
DN8, 10, 15, 20	55	70	0.8 kg

# LIMITING CONDITIONS:

PMA: Max. allowable pressure	22 bar(g)
TMA: Max. allowable temp.	220 °C
PMO: Max. operating pressure	22 bar(g)
TMO: Max. operating temp.	220 °C
Cold hydro test pressure	33 bar(g)





# **INSTALLATION:**

Preferably vertical with inlet from below.

# **AVAILABLE SPARES:**

Controller, Strainer Screen, Gasket.

#### **HOW TO ORDER:**

PT31AV DN15 BSP

# **ORDERING INFORMATION:**

- 1) Inlet Pressure in bar (g)
- 2) Back Pressure in bar (g)
- 3) Operating Temperature in °C

Local regulations may restrict the use of this product below the conditions quoted. Limiting conditions refer to standard connections only. In the interest of development and improvement of the product, we reserve the right to change the specifications without prior notice.

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