



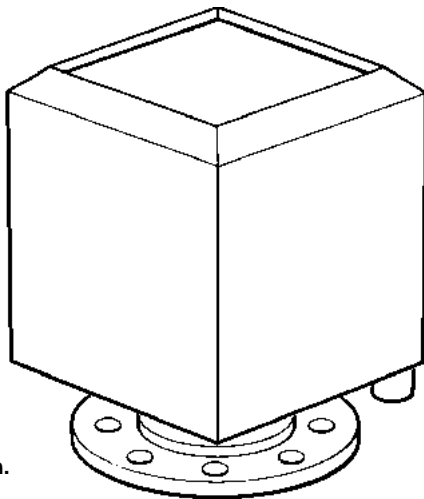
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spirax sarco

TI-P405-10
AB Issue 3

VH Vent Head



Vent head type
VH3 - VH12 shown.

- Efficient separation
- Reduces discharge velocity and noise
- Stainless steel body for long maintenance free life
- A simple and effective vent head for general applications

Description

Spirax Sarco VH vent heads are designed for fitting to vertical open ended steam vent pipes. The vent head will discharge dry steam at low velocity safely to atmosphere, avoiding the possibility of discomfort or even injury to personnel and material damage to buildings. The vent head incorporates an internal baffle to separate entrained water from the steam and discharges it separately through the drain connection.

Applications

Vent heads are ideal for use on blowdown vessels, condensate vessels, boiler feedtanks, hot water storage tanks etc.

Warning: Vent heads must not be used for safety valve outlets. Vent heads are selected to be the same nominal size as the vent pipe.

Sizes and pipe connections

Vent head type	Inlet screwed	Drain screwed
VH2S	2" BSP/NPT	¾" BSP/NPT
VH3S	3" BSP/NPT	¾" BSP/NPT

Vent head type	Inlet flanged to suit	Drain screwed
VH3	BS 4504, PN16	¾" BSP/NPT
	BS 1560, Class 150	¾" BSP/NPT
VH4 and VH6	BS 4504, PN16	1" BSP/NPT
	BS 1560, Class 150	1" NPT
VH8 and VH10	BS 4504, PN16	1½" BSP/NPT
	BS 1560, Class 150	1½" NPT
VH12	BS 4504, PN16	2" BSP/NPT
	BS 1560, Class 150	2" NPT

Materials

Body: Austenitic stainless steel.

Flanges: Carbon steel, zinc electroplated and chromate treated.

Dimensions/weight (approximate) in mm and kg

Vent head type	VH2S	VH3S	VH3	VH4	VH6	VH8	VH10	VH12
Inlet size	50	80	80	100	150	200	250	300
Dimension H	210	270	305	320	390	430	495	570
Dimension W	152	202	218	240	340	425	525	625
Dimension C	20	20	20	25	25	35	35	45
Weight	2	2.5	5.5	6	13	20	28	35

Installation and Maintenance

Installation of the screwed and flanged vent heads is straightforward. The flanged vent heads have a lightweight flange drilled to suit the flange standard specified. The lap joint flange allows easy rotation to position the drain connection. The drain should be piped to a safe position where there is no possibility of discharging excessively hot water to drain.

We recommend that an annual inspection is carried out to ensure that no debris is restricting the outlet or drain connection.

How to specify

Spirax Sarco type VH with austenitic stainless steel construction and screwed/carbon steel flanges. Vent heads shall incorporate an internal baffle and a screwed drain outlet connection.

How to order

1 - Spirax Sarco VH4 vent head with inlet flanged to suit BS 4504 PN16, drain BSP.

