



## Vent Head

### Description

Vent heads are used on blow down vessels, hotwell tanks and condensate pump sets. They are designed to remove water from discharged steam. The vented steam hits the internal baffle plate before discharging to atmosphere and any residue water drains out of the head. The internal drain allows the recovery of condensate to be fed back into the system hence increasing energy efficiency.

### Installation

The vent head is fitted in the required position using the screwed or flanged connection. Suitable sealant or gaskets should be used on the joint.

**WARNING: Vent Heads must not be used for safety valve discharge pipes.**

#### Connection Flange Options:

Standard: Flanged BS EN1092-1:2002 PN16

**Options:** VH50 Screwed NPT  
 VH80+ Flanged BS1560 ANSI #150  
 VH80+ Flanged BS1560 ANSI #300  
 VH80+ Flanged BS10 Table A+

**Material** Stainless Steel AISI 304L

**options:** Stainless Steel AISI 316L  
 Galvanised Mild Steel

### Materials

Body	Stainless Steel
Flanged Connections	Flanged EN 1092 PN16 Scotchkote 206N Green fusion Bonded Epoxy Coated Mild Steel Backing Flange
Collar	Metric Bore Pressed Collar
Pipe	Metric Bore Welede Pipe
Finish	Metallic Heat Resistant Paint

Article no.	Type	Size	Size DN	Inlet Connection	Width (mm)	Length (mm)	Height (mm)	Weight kg
412001	VH50	2"	DN50	Flanged EN 1092 PN16	175	175	295	4.9
446654	VH65	2 1/2"	DN65	Flanged EN 1092 PN16	200	200	320	6.4
440269	VH80	3"	DN80	Flanged EN 1092 PN16	225	225	345	7.8
440299	VH100	4"	DN100	Flanged EN 1092 PN16	250	250	370	9.5
446169	VH150	6"	DN150	Flanged EN 1092 PN16	350	350	480	17.8
446170	VH200	8"	DN200	Flanged EN 1092 PN16	400	400	530	24.0
113313	VH250	10"	DN250	Flanged EN 1092 PN16	450	450	590	32.1
550059	VH300	12"	DN300	Flanged EN 1092 PN16	500	500	640	41.7