

Series 260V and 385V

Van Stone® Thermowells
for 6 mm and 9.6 mm
Diameter Elements

Application:

260V series fits standard length 6 mm diameter elements.
385V series fits standard length 9.6 mm diameter elements.

Connection Size:

Standard wells fit 1" lap joint flanges. Other sizes also available. Prices below are for 1" Van Stone Wells. Consult sales for prices on other sizes.

Materials:

Carbon Steel (C-1018), A.I.S.I. 304, A.I.S.I. 316 and Monel are standard. Other materials are available.

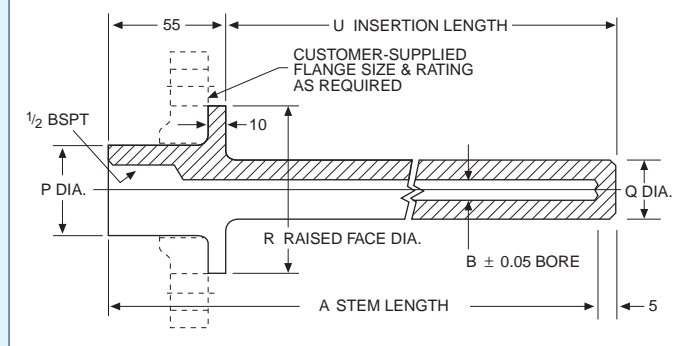
Backing Flange:

When desired, a carbon steel lap joint flange can be supplied with these wells. When ordering, specify flange pressure.



Shown smaller than actual size.

Series 260V and 385V



Imperial Models Available! See omega.co.uk

Dimensions: mm

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model Number	Materials & Prices		Stem Length A	Insertion Length U	Shank Diameter Q	Bore Diameter B
	Stainless Steel 304	316				
1-260V-UM50-(*)	£74.00	£91.00	100	50	19	6.6
1-260V-UM100-(*)	84.00	113.00	150	100	19	6.6
1-260V-UM200-(*)	99.00	133.00	250	200	19	6.6
1-260V-UM250-(*)	115.00	155.00	300	250	19	6.6
1-260V-UM300-(*)	131.00	176.00	350	300	19	6.6
1-260V-UM400-(*)	146.00	197.00	450	400	19	6.6
1-260V-UM550-(*)	179.00	258.00	600	550	19	6.6
1-385V-UM50-(*)	74.00	91.00	100	50	22	9.8
1-385V-UM100-(*)	84.00	113.00	150	100	22	9.8
1-385V-UM200-(*)	99.00	133.00	250	200	22	9.8
1-385V-UM250-(*)	115.00	155.00	300	250	22	9.8
1-385V-UM300-(*)	131.00	176.00	350	300	22	9.8
1-385V-UM400-(*)	146.00	197.00	450	400	22	9.8
1-385V-UM550-(*)	179.00	258.00	600	550	22	9.8

* Specify material type "304SS" for 304 Stainless Steel or "316SS" for 316 Stainless Steel.
Ordering Example: 1-260V-UM250-316SS, 316 SS Van Stone thermowell with 1" pipe OD, 6.6 mm ID, 300 mm stem length, and 250 mm insertion length, £155.

For Assistance in Choosing Head and Well Assemblies, Contact Sales. These wells are compatible with OMEGA™ NB1 series thermocouple probes (page 56); RTD industrial probes (page 96).

† A Van Stone thermowell is an internal type flange thermowell that withstands high pressure within a chamber and will prevent the thermowell from "blowing" out. Installation will require a customer supplied gasket and process flange. The customer supplied top flange is placed over the Van Stone thermowell and bolted to the process flange.

Other Dimensions (mm)

Pipe Size Nominal	Actual dia. P	Raised Face Dia. R
25.4 mm	33.4	50.8
38 mm	48.3	73

Maximum Fluid Velocity—feet per second

Well Type	Material	Insertion Length – "U"						
		50	100	200	250	300	400	550
260V and 260F	Carbon Steel	404 (129)	184 (71.2)	67.0 (42.7)	34.0	20.6	13.7	7.4
	A.I.S.I. 304 & 316	430 (179)	192 (99.3)	69.7 (59.6)	35.4	21.5	14.3	7.7
	Monel	350 (143)	168 (79.8)	61 (47.7)	31.0	18.8	12.5	6.7
385V and 385F	Carbon Steel	410 (152)	248 (84.3)	91.3 (50.6)	45.7	27.6	18.5	10.0
	A.I.S.I. 304 & 316	444 (211)	258 (117)	95.2 (70.3)	47.6	28.8	19.3	10.4
	Monel	338 (168)	226 (93.3)	83.3 (56.0)	41.6	25.2	16.9	9.1

Where single values appear in the velocity tables, these may be considered safe for water, steam, air or gas. In the shorter insertion lengths, consideration is given to the velocity pressure effect of water flowing at higher velocities. The values in parentheses, therefore, represent safe values for water flow, while the unbracketed values may be used for steam, air, gas and similar density fluids.



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