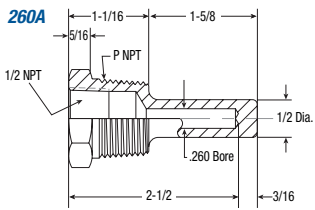


# Limited Space Thermowells

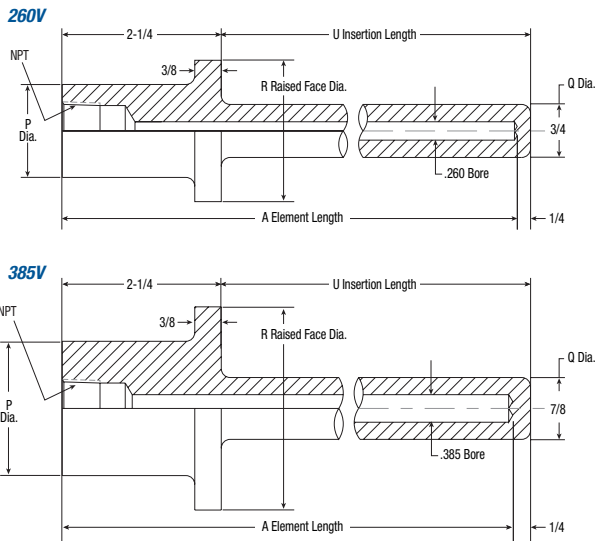
## Ordering Information



External Thread P	Type Number	Well Type	Material	MAXIMUM FLUID VELOCITY feet per second* Insertion Length - U 1-5/8	PRESSURE - TEMPERATURE RATING Temperature - °F						
					70°	200°	400°	600°	800°	1000°	1200°
3/4 NPT	3/4-260A-U1-5/8	3/4-260A	Brass	207 (59.3)	5000	4200	1000	—	—	—	—
			Carbon Steel	290 (106)	5200	5000	4800	4600	3500	1500	—
			A.I.S.I. 304	300 (148)	7000	6200	5600	5400	5200	4500	1650
			A.I.S.I. 316	300 (148)	7000	7000	6400	6200	6100	5100	2500
			Monel	261 (118)	6500	6000	5400	5300	5200	1500	—
1 NPT	1-260A-U1-5/8	1-260A	Brass	207 (59.3)	5000	4200	1000	—	—	—	—
			Carbon Steel	290 (106)	5200	5000	4800	4600	3500	1500	—
			A.I.S.I. 304	300 (148)	7000	6200	5600	5400	5200	4500	1650
			A.I.S.I. 316	300 (148)	7000	7000	6400	6200	6100	5100	2500
			Monel	261 (118)	6500	6000	5400	5300	5200	1500	—

\* Maximum velocity rating is based on operating temperatures of 1000° F for wells made of carbon steel, 304SST and 316SST; 350° F for wells made of brass; and 900° F for wells made of Monel. Slightly higher velocity is possible at lower temperatures. In these tables, single numbers represent the safe values 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. In these cases, the values in parentheses represent safe values for water flow, and the unbracketed values may be used for steam, air, gas and similar density fluids.

# Van Stone Thermowells



## Ordering Information

Type Number	Elem. Length A	Insert Length U	Shank Dia. Q	Bore Dia. B	
260V	U 2	4	2	3/4	0.260
	U 4	6	4	3/4	
	U 7	9	7	3/4	
	U 10	12	10	3/4	
	U 13	15	13	3/4	
	U 16	18	16	3/4	
385V	U 22	24	22	3/4	0.385
	U 2	4	2	7/8	
	U 4	6	4	7/8	
	U 7	9	7	7/8	
	U 10	12	10	7/8	
	U 13	15	13	7/8	
U 16	18	16	7/8		
U 22	24	22	7/8		

Well Type	Material	MAXIMUM FLUID VELOCITY - feet per second* Insertion Length - U							MAXIMUM PRESSURE - TEMPERATURE RATING Temperature - °F						
		2	4	7	10	13	16	22	70°	200°	400°	600°	800°	1000°	1125°
260V	Carbon Steel	404 (129)	184 (71.2)	67.0 (42.7)	34.0	20.6	13.7	7.4	5200	5000	4800	4600	3500	1500	—
	A.I.S.I. 304	430 (179)	192 (99.3)	69.7 (59.6)	35.4	21.5	14.3	7.7	7000	6200	5600	5400	5200	4500	1650
	A.I.S.I. 316	430 (179)	192 (99.3)	69.7 (59.6)	35.4	21.5	14.3	7.7	7000	7000	6400	6200	6100	5100	2500
	Monel	350 (143)	168 (79.8)	61.0 (47.7)	31.0	18.8	12.5	3.7	6500	6000	5400	5300	5200	1500	—
385V	Carbon Steel	410 (152)	248 (84.3)	91.3 (50.6)	45.7	27.6	18.5	10.0	5200	5000	4800	4600	3500	1500	—
	A.I.S.I. 304	444 (211)	258 (117)	95.2 (70.3)	47.6	28.8	19.3	10.4	7000	6200	5600	5400	5200	4500	1650
	A.I.S.I. 316	444 (211)	258 (117)	95.2 (70.3)	47.6	28.8	19.3	10.4	7000	7000	6400	6200	6100	5100	2500
	Monel	338 (168)	226 (93.3)	83.3 (56.0)	41.6	25.2	16.9	9.1	6500	6000	5400	5300	5200	1500	—

\* Maximum velocity rating is based on operating temperatures of 1000° F for wells made of carbon steel, 304SST and 316SST; 350° F for wells made of brass; and 900° F for wells made of Monel. Slightly higher velocity is possible at lower temperatures. In these tables, single numbers represent the safe values 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. In these cases, the values in parentheses represent safe values for water flow, and the unbracketed values may be used for steam, air, gas and similar density fluids.



For more information call: 1-800-223-2389 • e-mail: [conaxbuf@conaxbuffalo.com](mailto:conaxbuf@conaxbuffalo.com) • visit our website: [www.conaxbuffalo.com](http://www.conaxbuffalo.com)