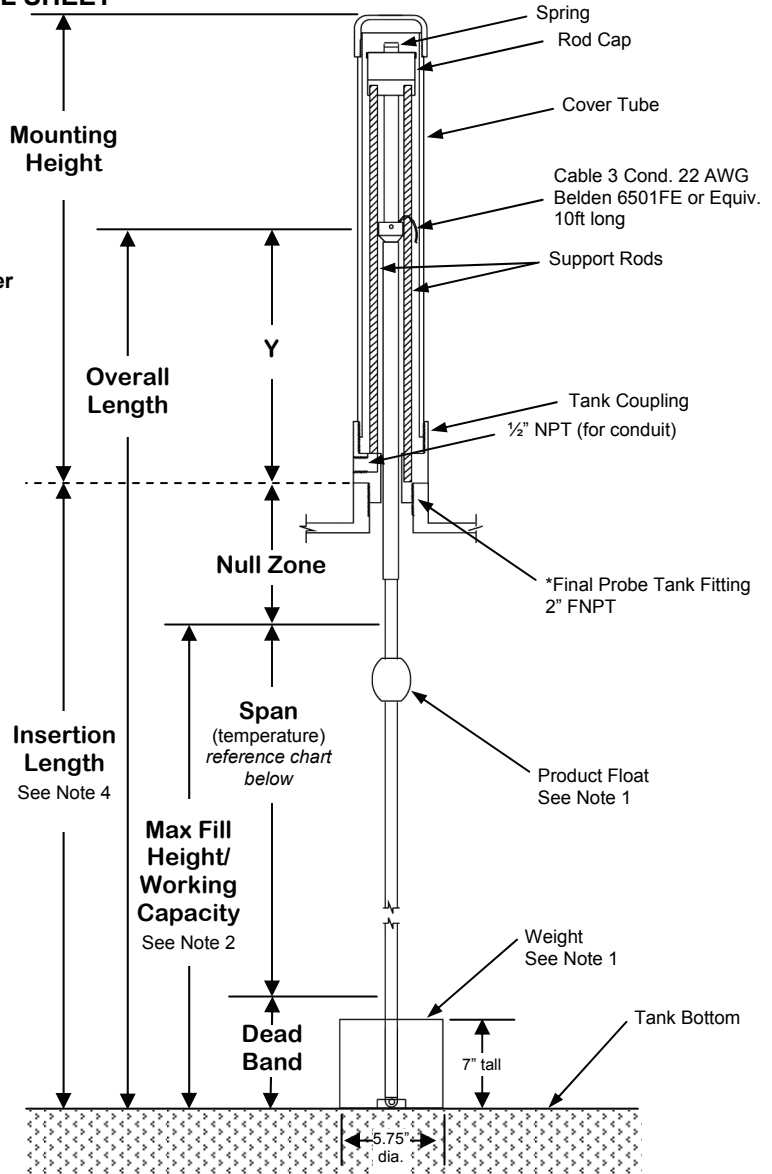
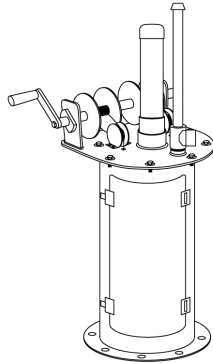


DS-VB SERIES PROBE DIMENSION

APPROVAL SHEET

CUSTOMER
PO#
ISS#
SHIP DATE
QUANTITY
PRODUCT
FLOATS
<input type="checkbox"/> 1 Float (product only) <input type="checkbox"/> 2 Floats (product and water) See Note 3

Environmental Chamber
See Note 4



DIMENSIONS SUPPLIED BY CUSTOMER	
Insertion Length =	[]
Maximum Fill Height/Working Capacity =	[]
<i>Note: Insertion length minus maximum fill height/working capacity must be equal to or greater than null zone. Consult factory if insertion length exceeds 840" or maximum fill height exceeds 655".</i>	

Overall Length = Insertion Length + "Y"

Insertion Length (in)	Overall Length (in)	Null Zone @24°C (in)	Dead Band (in)	Y (in)	Mounting Height (in)
192-288	211-307	10	3.65	19	35
289-432	311-454	12	6.25	22	35
433-600	455-622	15	6.50	22	35
601-720	623-742	18	7.00	22	37
721-840	743-862	21	7.00	22	37

Thermometer Spacing

Span = Max Fill Height/Working Capacity - Dead Band

Probe Type	Overall Probe Length	First Thermometer Location from Tank Bottom @ 24°C	Second Thermometer Location from Tank Bottom @ 24°C	Spacing Between Thermometer 2-5 @ 24°C
DS-VB	211" ≤ L ≤ 307"	36"	0.2*(span + 3.65")	0.2*(span + 3.65")
DS-VB	311" ≤ L ≤ 454"	36"	0.2*(span + 6.25")	0.2*(span + 6.25")
DS-VB	455" ≤ L ≤ 622"	36"	0.2*(span + 6.50")	0.2*(span + 6.50")
DS-VB	623" ≤ L ≤ 742"	36"	0.2*(span + 7.00")	0.2*(span + 7.00")
DS-VB	743" ≤ L ≤ 862"	36"	0.2*(span + 7.00")	0.2*(span + 7.00")

*Temperature sensors located with reference to tank bottom.

- Note 1: Float and weight type and geometry are dependant on application.
 Note 2: Temperature sensors are spaced over range specified.
 Note 3: For dual float probes with overall length greater than 288", a float spacer will be required between two floats.

Note 4: When using an Environmental Chamber an additional 32" must be added to the Insertion Length.

*Supplied by others

*** ALL SECTIONS BELOW MUST BE COMPLETED ***

Name: _____ Company: _____

Signature: _____ Date: _____

If environmental chamber is required check here to confirm 32" was added to insertion length.

IMPORTANT: The signature above confirms the buyer's acceptance of all the dimensions contained in this document and authorizes OMNTEC to release order for production. Custom parts are non cancellable and non returnable. Note: Current published specifications are subject to change without notification. Verify specifications with manufacturer.