

DS-V SERIES PROBE DIMENSION

CUSTOMER
PO#
ISS#
SHIP DATE
QUANTITY
PRODUCT

FLOATS

1 Float (product only)

2 Floats (product and water) See note 3

DIMENSIONS SUPPLIED BY CUSTOMER

Insertion Length =

Maximum Fill Height/Working Capacity =

Note: Overall length minus maximum fill height/working capacity must be equal to or greater than 12".

Overall Length = Insertion Length - "C" + 1

Overall Length	Weight (2" diameter)	Dead Band	Weight or Spacer	"C"
47" – 144"	W2-144	5"	6"	Spacer
145" – 288"	W2-288	7"	8"	Weight
289" – 432"	W2-432	11"	12"	Weight
433" – 600"	W2-600	14"	15"	Weight
601" – 720"	W2-720	16"	17"	Weight
721" – 840"	W2-840	18"	19"	Weight

Thermometer Spacing

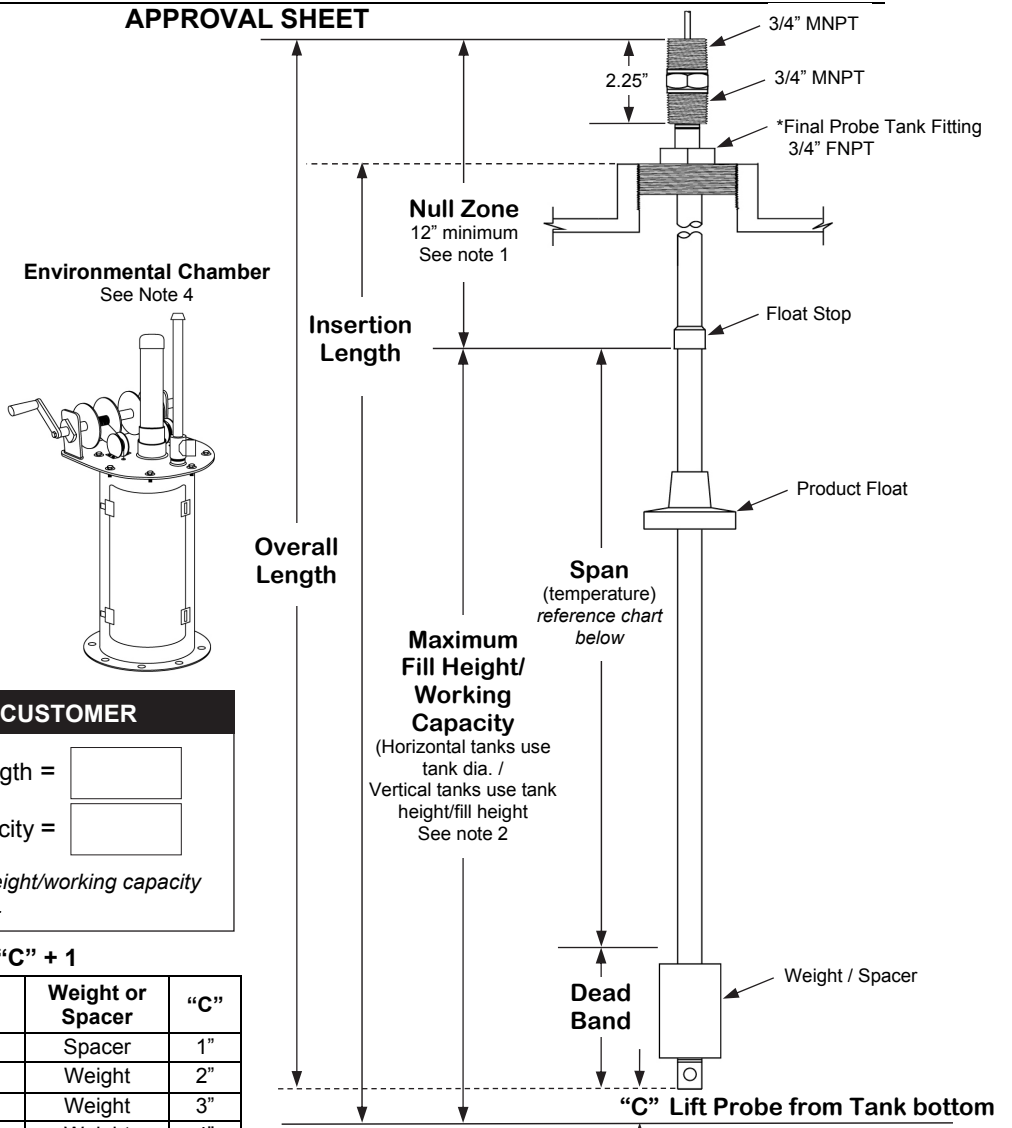
Span = Max Fill Height/Working Capacity - Dead Band - "C"

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-V	65" ≤ L ≤ 144"	(Temp. Span + 7")/6	2*((Temp. Span + 7")/6)	(Temp. Span + 7")/6
DS-V	145" ≤ L ≤ 215"	(Temp. Span + 10")/6	2*((Temp. Span + 10")/6)	(Temp. Span + 10")/6
DS-V	216" ≤ L ≤ 288"	36"	0.2*(span + 10")	0.2*(span + 10")
DS-V	289" ≤ L ≤ 432"	36"	0.2*(span + 15")	0.2*(span + 15")
DS-V	433" ≤ L ≤ 600"	36"	0.2*(span + 19")	0.2*(span + 19")
DS-V	601" ≤ L ≤ 720"	36"	0.2*(span + 22")	0.2*(span + 22")
DS-V	721" ≤ L ≤ 840"	36"	0.2*(span + 25")	0.2*(span + 25")

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

*Supplied by others

APPROVAL SHEET



Note 1: Level can not be detected within the dead band or null zone.
 Note 2: Temperature sensors are spaced equally over range specified.
 Note 3: For dual float probes with overall length greater than 288", a float spacer will be required between two floats.

***** 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.