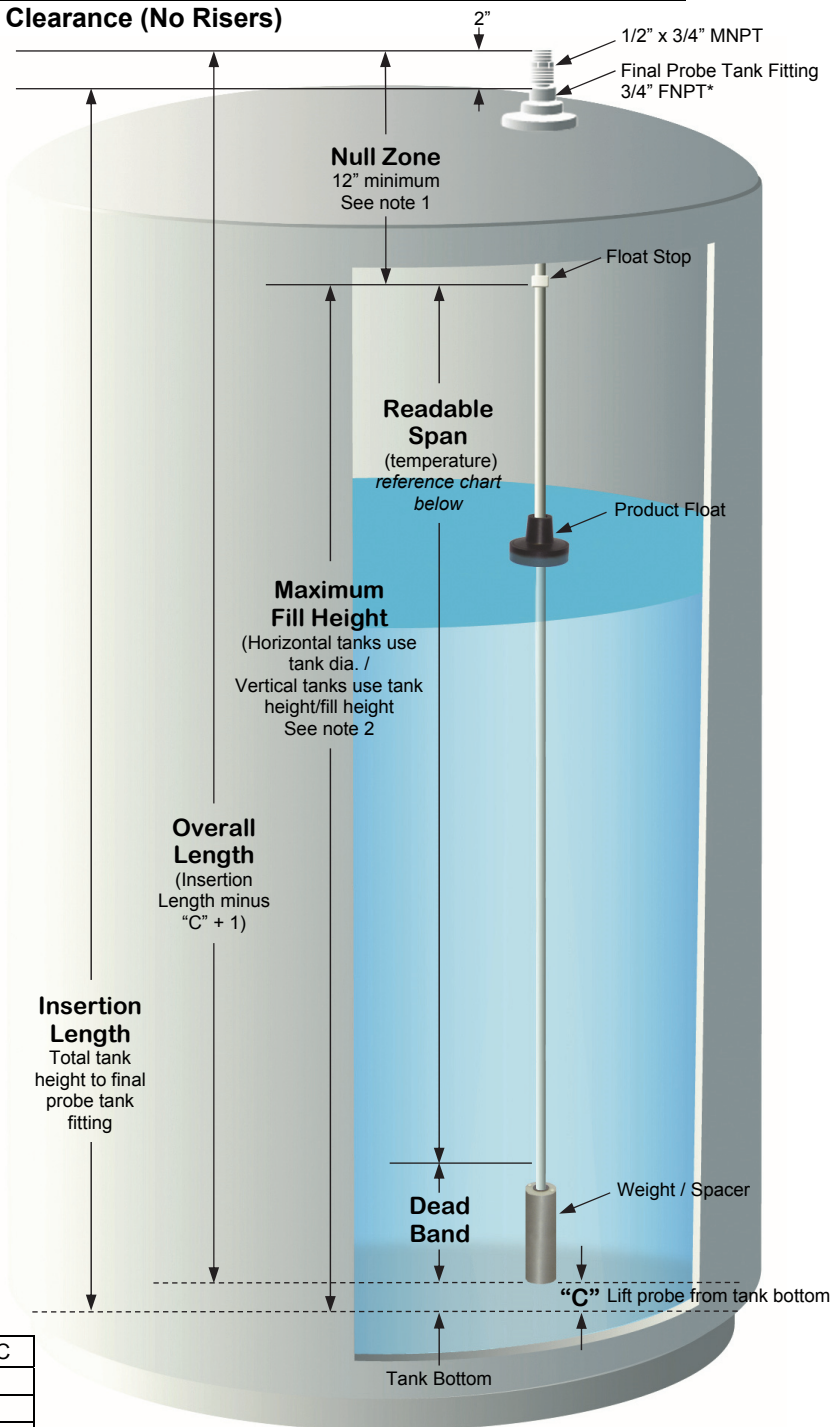


# MTG-F SERIES PROBE DIMENSION APPROVAL SHEET

<b>CUSTOMER</b>
<b>PO#</b>
<b>EL#</b>
<b>SHIP DATE</b>
<b>QUANTITY</b>
<b>PRODUCT</b>
<b>FLOATS</b>
<input type="checkbox"/> 1 Float (product only)
<input type="checkbox"/> 2 Floats (product and water) See note 3
<b>TEMPERATURE SENSORS</b>
<input type="checkbox"/> 1 Temperature sensor (MTG-F-R1)
<input type="checkbox"/> 5 Temperature sensors (MTG-F-R5)

**Low Overhead Clearance (No Risers)**



**DIMENSIONS SUPPLIED BY CUSTOMER**

Insertion Length =

Overall Length =

Maximum Fill Height =

*Note: Overall length minus maximum fill height 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"
Up to 144"	W2-144	5"	6"	Spacer 1"
145" – 288"	W2-288	7"	8"	Weight 2"
289" – 432"	W2-432	11"	12"	Weight 3"
433" – 600"	W2-600	14"	15"	Weight 4"
601" – 720"	W2-720	16"	17"	Weight 5"
721" – 840"	W2-840	18"	19"	Weight 6"

**Thermometer Spacing**

**Readable Span = Max Fill Height - Dead Band - "C"**

Probe Type	Overall Probe Length	Thermistor Spacing @ 24°C
MTG-F-R5	$L \leq 144"$	$(Span + 7")/6$
MTG-F-R5	$145" \leq L \leq 288"$	$(Span + 10")/6$
MTG-F-R5	$289" \leq L \leq 432"$	$(Span + 15")/6$
MTG-F-R5	$433" \leq L \leq 600"$	$(Span + 19")/6$
MTG-F-R5	$601" \leq L \leq 720"$	$(Span + 22")/6$
MTG-F-R5	$721" \leq L \leq 840"$	$(Span + 25")/6$

\*Supplied by others

Note 1: Level cannot 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.

Name: \_\_\_\_\_ Company: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**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.

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