

SINCE 1908  
**wessels**  
**company**

SUBMITTAL

**WMT-SERIES**

Multi-Purpose Hydronic  
 Accessory Tank

Models: WMT-50 to WMT-1040

Submittal Sheet No. J-1008A Rev. 2/6/2024

Job Name _____	Submitted By _____	Date _____
Location _____	Approved By _____	Date _____
_____	Order No. _____	Date _____
Engineer _____	Notes _____	_____
Contractor _____	_____	_____
Sales Rep. _____	_____	_____

**Description:**

Wessels ASME Multi-Purpose Tanks (WMT) are designed for multiple functions. The four multi-configurable connections allow for primary/secondary hydraulic separation with buffer energy storage for either hot or chilled water systems. The buffer volume slows fluid velocity resulting in increased air elimination. The included WesPro Super Filter Baffle coalescing media further increases air & dirt elimination efficiency. For ferrous impurities, the WesMag filtration system can be installed for additional particulate removal.

**Construction:**

Material: Carbon Steel  
 Exterior: Red Oxide Primer  
 Optional: WesMag at Inlets  
 Stainless Steel Construction  
 Trim Package

**Design Parameters:**

Maximum Design Pressure: 125 PSIG\*  
 Temperature Range: 0°F to 450°F

\*150, 200, & 250 available

MODEL NUMBER	PART NUMBER	TANK VOLUME (GALLONS)	TAGGING INFORMATION	QUANTITY
WMT-50		50		
WMT-60		60		
WMT-75		75		
WMT-100		100		
WMT-150		150		
WMT-250		250		
WMT-350		350		
WMT-400		400		
WMT-500		500		
WMT-700		700		
WMT-850		850		
WMT-1040		1040		

**Typical Specification**

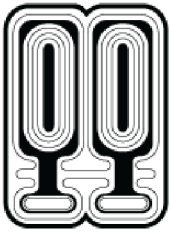
Furnish and install, as shown on plans, a WMT- \_\_\_\_\_ as manufactured by Wessels Company. The tank shall incorporate media (inlets/inlets & outlets/none). The system primary-zone water connections must be \_\_\_\_\_" (NPT/flanged/grooved) and the system secondary-zone water connections must be \_\_\_\_\_" (NPT/flanged/grooved) and positioned (90°/180°) apart. The WMT must be constructed in accordance with the most recent addendum of Section VIII Division 1 of the ASME Boiler and Pressure Vessel Code and constructed and stamped for \_\_\_\_\_ PSI working pressure @450°F.

Each tank shall be Wessels model number WMT- \_\_\_\_\_ or approved equal.



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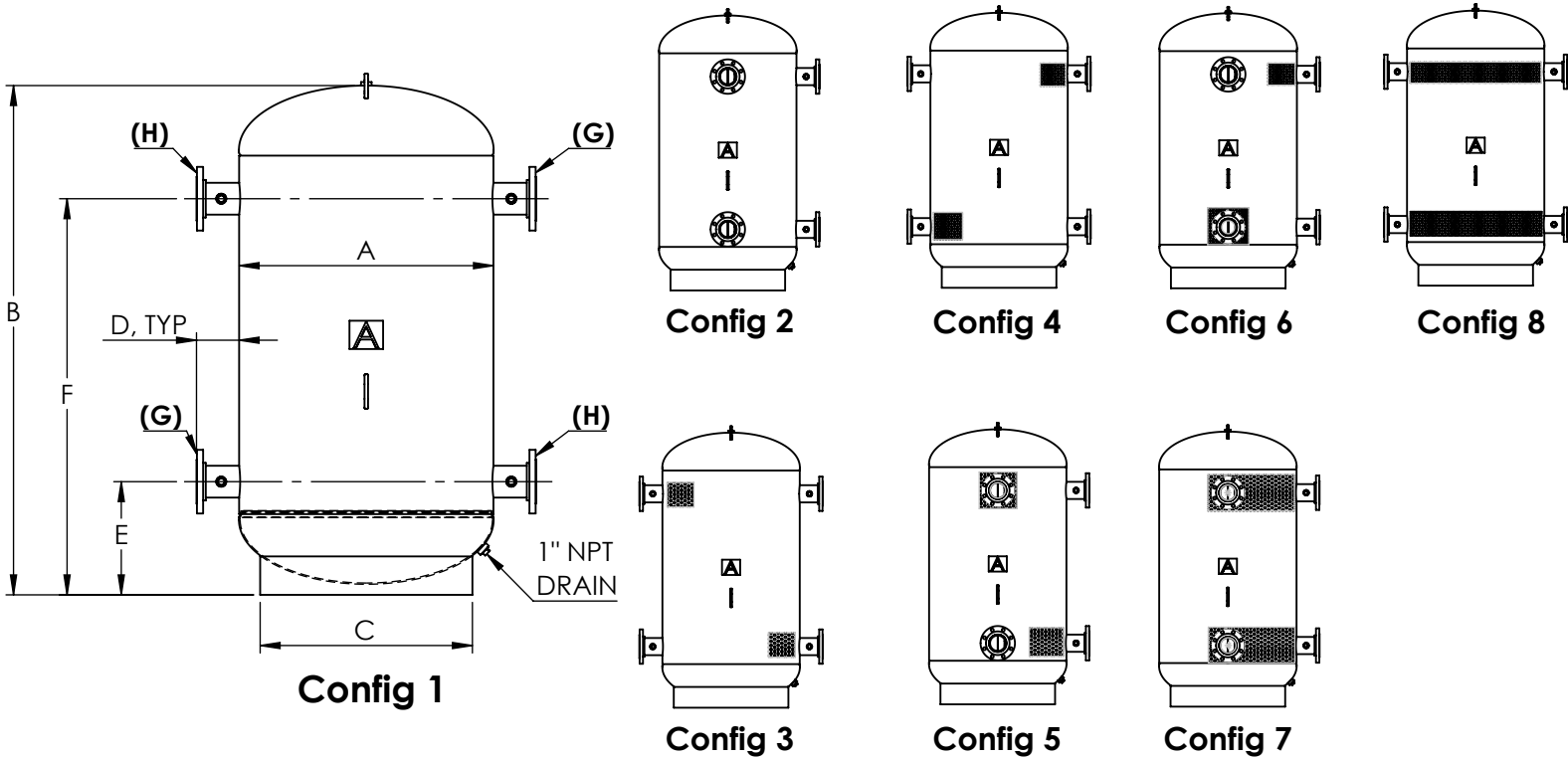
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### Dimensions & Weights:

Model Number	Dimensions in Inches								Approx. Shipping Weight (lbs)			
	A	B	C	D	E	F	(G)	(H)				
WMT-50	16	60	12	See Note 4	10 13/16	50 11/16	2, 3, 4	2, 3, 4	150			
WMT-60	20	48	16		10 7/8	38 5/8			50 5/8	3, 4, 6	3, 4, 6	175
WMT-75		60				50 5/8						225
WMT-100	24	85 1/2	20		13	48 1/2	275					
WMT-150	30		15		46 1/2	350						
WMT-250	30		16 1/2		70 1/2	500						
WMT-350	36	92	30		19	74 1/2	80 1/2	4, 6, 8	4, 6, 8			615
WMT-400		98				730						
WMT-500	42	90	36		20 1/2	71	950					
WMT-700	48	100	42		21 3/8	80 1/8	1400					
WMT-850	54	98	48	24	75	1900						
WMT-1040	60	96	54	26 3/4	70 3/4	6, 8, 10	6, 8, 10	2100				

### Model Example

**WMT-50-22-1**  
 (a) (G)(H)(b)

(a) Gallon Size

### Connection Size:

(G) Primary Zone

(H) Secondary Zone

(b) Configuration

### Notes:

1. Inspection openings will be provided as required by ASME code.
2. Insulation, Trim Package, and WesMag are optional.
3. Dimensions shown are subject to change and should not be used for pre-piping. Weights are based on max flange connection. Contact your local Wessels representative is certified dimensional drawings are required.
4. For connections 3F and below, The "D" dimension is 4". For connections 4F and above, The "D" dimension is 6".



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