

# “DSV” SILO STORAGE TANKS



**MUELLER**

THE MILK COOLING SYSTEMS SPECIALISTS™

# Mueller® “DSV” Silo Storage Tanks

*Mueller Silos — The Ultimate in Product Protection!*

Mueller® “DSV” silos provide the ultimate in product protection during storage and their vertical design allows maximum product storage in a minimum of space. Paul Mueller Company is the only silo manufacturer to go to the time and expense to offer a stud-welded, circumferentially banded bottom construction which protects against fatigue. Mueller offers “DSV” silos in 7 standard sizes ranging from 7,000 to 30,000 gallons for your convenience.

## Features and Benefits

- Cylindrical, vertical style with 120" inside diameter (140" inside diameter on the 30,000-gallon silo).
- Inside lining is Type 304 stainless steel, No. 4 finish.
- Outer jacket made of carbon steel, prime painted.
- 3" rigid insulation.
- 3" inlet/outlet ferrule only (outlet valve optional).
- 12 gauge, stainless steel alcove, 60" x 60" ID, 62½" x 62½" (± ¼") x 20" deep. No. 4 finish on inside.
- Stainless steel manway, 15½" x 20½", insulated, inside closing. Optional sampling device may be added.
- Removable CIP spray dish that requires 90 gpm at 6 psig (optional CIP attachment and CIP door must be added).
- Mechanical, horizontal agitation with hollow-shaft gear motor.
- Perforated and removable vent screens.
- Dial-type thermometer, 20°F to 120°F.
- Thermometer well for recording thermometer.



*Donna Bland,  
Mueller Employee  
Since 1992*

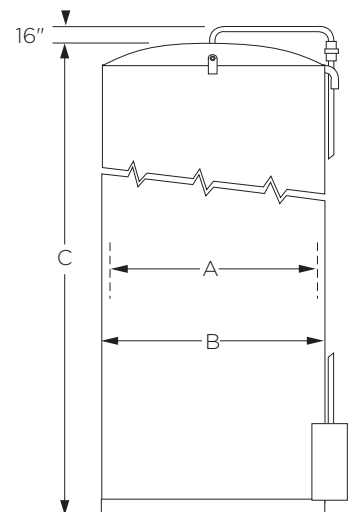
## Optional Features

- 3" disc-type outlet valve with gasket and clamp.
- CIP attachment (required for CIP to wash agitator and fail-safe device with manway door interlock). For multiple silo installations only one is required.
- CIP door (required for CIP wash). Only one is required for multiple silo installations.
- Stainless steel inflated-type Mueller Temp-Plate® heat transfer surface for chilled water.
- External liquid level gauge (for 7,000–15,000 gallon sizes only). Requires field calibration.
- Sample cock, manual sampling valve in manway door.
- Aseptic sample (required for aseptic style sampling).
- QMI fitment door (optional for aseptic sampling QMI fitment).
- Customer specified liquid level shell for field installation of custom liquid level device.
- Additional 3" or 4" ferruled inlet.
- Exterior white Wilkothane paint.
- Stainless steel outer jacket.
- Heat tape for CIP and vent lines (required in cold weather climates.)

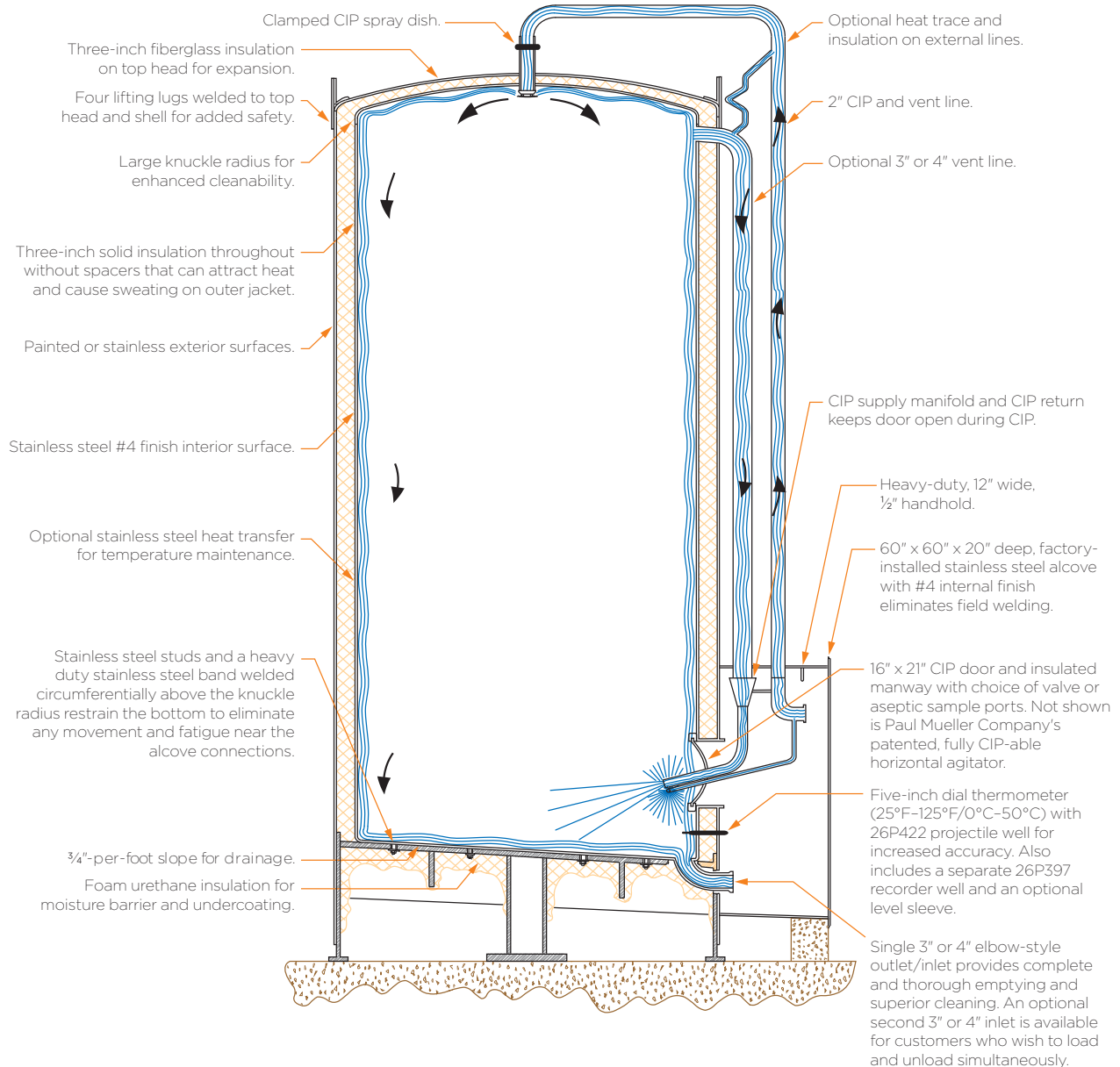
Mueller "DSV" Silo Storage Tank Specifications						
Capacity U.S. Gallons/Liters*	Dimensions (in)			Agitator		Empty Weight (lbs)
	A	B	C	HP	RPM	
7,000 / 26,495	120	126½	192¼	1	107	9,000
8,000 / 30,280	120	126½	212¼	1	107	9,600
10,000 / 37,850	120	126½	254⅞	2	108	10,700
12,000 / 45,425	120	126½	295¾	2	108	12,600
15,000 / 56,775	120	126½	356⅝	2	108	13,300
20,000 / 75,700	120	126½	459¼	3	161	17,500
30,000 / 113,550	140	146½	502¾	3	161	22,000

\*Other silo sizes are available upon request.

### Mueller "DSV" Silo Storage Tank Dimensions



## Mueller "DSV" Silo Storage Tank Construction and Design



# MUELLER

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