



## VERTICAL DIRECT EXPANSION OR LIQUID CIRCULATION BULK MILK TANKS

The Milfos Vertical Range of Bulk Milk Tanks, manufactured by NDA, offers excellent value. Manufactured from stainless steel to meet food grade standards the hygienic design is suitable for storage of milk and other products such as wine and juices.

The tanks can be located inside the milking parlour or outside at the collection point. This feature reduces the building construction costs.

Cooling is provided by direct expansion or liquid circulation through the laser welded dimple jacketed base plate or side walls.

With over 100 years experience in the dairy industry and manufacturing plants located in New Zealand, Australia, USA and China a cooling and storage solution is available to you.



### KEY FEATURES

- Standard sizes available from 4,500 to 30,000 litres
- Over 400 units manufactured annually
- Options of compressors and controls
- CIP systems available

### NDA VERTICAL MILK STORAGE VESSELS

2,338.0mm Inside Diameter

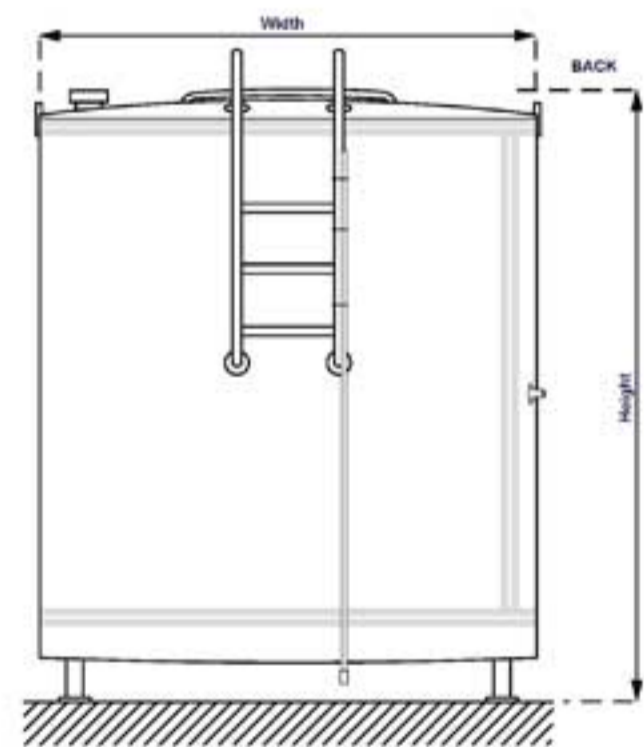
NOMINAL SIZE (L)	ACTUAL CAPACITY (L)	OVERALL HEIGHT VESSEL ONLY (mm)	ESTIMATED WEIGHT
4,500	4,437	1875	500
5,700	5,746	2180	530
7,800	7,789	2656	600
9,100	9,668	3094	640
11,000	10,977	3399	670

Note: ADD 500mm for agitator

2,875mm Inside Diameter

NOMINAL SIZE (L)	ACTUAL CAPACITY (L)	OVERALL HEIGHT VESSEL ONLY (mm)	ESTIMATED WEIGHT
11,500	11,555	2,730	1,000
14,000	14,399	3,168	1,050
16,000	16,379	3,473	1,100
18,000	17,950	3,778	1,200
18000 sw	19,469	3,949	1,400
21500 sw	21,449	4,254	1,450
24000 sw	24,539	4,730	1,550
26000 sw	27,382	5,168	1,700
30000 sw	34,277	5,449	1,800

Note: ADD 500mm for agitator  
SW = Side Wall Cooling



### POLAR WRAPS

- Increase overall cooling efficiency
- Decrease the cycling of the cooling compressors
- Decrease heating effect of direct sunlight
- Decrease milk "baking on" above milk level
- Can be retrofitted to any Vertical Tank

### HEAT RECOVERY

- Make use of previously unused cooling compressor energy
- Reduce the overall electricity expense of producing hot water
- Short payback time
- Increase hot water capacity