

# RAW MILK COOLING

**Dairy Industry:**  
Milk Cooling/Pasteurization Heat Recovery



## Closed Loop or Flow Through for Low Temperatures

From pre-cooling milk to the pasteurization process, high-efficiency cooling can be achieved in a few ways with our robust Koolant Koolers products. Our chillers have been built with top-quality components to withstand the harshest of environments, maintain precise temperature control, and provide intelligent controls. Dimplex designs feature less downtime, more energy savings, and perform more reliably than other chillers on the market.

### DESIGN FEATURES

- Air-Cooled Condenser, Closed Loop
- Indoor and Outdoor Models
- Water/Glycol
- Ambient Temperature Range -20–120°F
- Hermetic Scroll Compressors
- Centrifugal Pumps
- Hot Gas Freeze Protection
- Insulation
- Brite Tanks
- Jacket Fermentation Tanks
- Two-Stage Cooling (Wort/Cooler)
- Storage Room
- Crash Cooling
- Bottling

### CHILLER OPTIONS

- Fluid Filter
- Anti-Backflow Kit
- Float Switch
- On-Board Diagnostics
- Remote Controller
- Modular Design with Redundancy
- Powder Coat Galvanized Finish

### THE DTS DIFFERENCE

- Built to UL 1995 standards
- Industry leading 18-Months Parts and Labor Warranty
- 24/7 Global Technical Service and Support
- Next Day Parts Available on Most Models

MODEL	CAPACITY AT 33°F LFT*	ELECTRICAL	FLA	INLET/OUTLET PORT SIZE	TANK CAPACITY	UNIT DIMENSIONS (LxWxH)	PUMP STANDARD		
INDOOR	BTU/HR	VOLTS	AMPS	INCH	GAL	INCH	HP	GPM	PSI
WV0-3001-M	23,335	460/3/60 230/3/60	11.0 22.0	1 1/2	25	50x28x67	1.5	20	25
WV0-5001-M	40,710	460/3/60 230/3/60	19.2 32.0	1 1/2	25	50x28x67	1.5	20	25
WV0-7501-M	56,710	460/3/60 230/3/60	25.0 47.1	1 1/2	40	58x36x66	1.5	30	25
WV0-10001-M	80,000	460/3/60 230/3/60	29.4 56.0	1 1/2	40	58x36x66	1.5	30	25
WV0-2-5001-M	80,000	460/3/60 230/3/60	29.4 56.0	1 1/2	40	111x35x76	1.5	30	25
WV0-15001-M	113,420	460/3/60 230/3/60	44.2 84.3	2	70	58x42x91	3	40	25
WV0-2-7501-M	113,420	460/3/60 230/3/60	44.2 84.3	2	70	111x35x76	3	40	25
WV0-20001-M WV0-2-10001-M	160,000	460/3/60 230/3/60	58.0 108.4	2	100	71x42x99	5	60	25
WV0-30001-M	240,000	460/3/60 230/3/60	88.0 176.0	3	130	101x42x97	5	90	25
WV0-2-15001-M	226,840	460/3/60 230/3/60	88.0 176.0	3	130	134x44x85	5	90	25

MODEL	CAPACITY AT 33°F LFT*	COMPRESSORS	ELECTRICAL	FLA	TANK CAPACITY	UNIT DIMENSIONS (LxWxH)	INLET/OUTLET CONNECTORS	PUMP STANDARD	
INDOOR	BTU/HR	QUANTITY	VOLTS	AMPS	GAL	INCH	INCH	GPM	PSI
PVO-5000	40,710	1	460/3/60	12	30	TBD	1.5	15	50
PVO-7500	56,710	1	460/3/60	21	30	55x44x66	1.5	22	50
PVO-10000	80,000	1	460/3/60	23.2	30	55x44x66	3	30	50
PVO-15000	113,420	2	460/3/60	39.4	35	55x52x107	3	45	50
PVO-20000	160,000	2	460/3/60	53.3	35	68x52x107	4	60	50
PVO-30000	240,000	3	460/3/60	63.6	35	95x52x107	4	90	50
PVO-40000	320,000	4	460/3/60	92.2	60	67x96x107	6	120	50
PVO-60000	480,000	6	460/3/60	150	60	97x96x107	6	180	50
PVO-90000	720,000	6	460/3/60	225	90	TBD	6	270	50

\*Based on 33°F LFT at 95°F ambient.