

SPECIALTY CHILLERS

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, indirect, and direct cooling can be achieved in a few ways with our robust Koolant Koolers products. Our reliable chillers have been built with quality components to withstand harsh environments while still maintaining precise temperature control. Our designs feature proven methods to prevent downtime and offer energy savings with our variable speed components, redundant systems, and intelligent controls for safety and reliability.

Glen Dimplex
Thermal
Solutions



**Koolant
Koolers**



Equipment selection and design assistance is available.

Product Features

- Air-Cooled Condenser, Closed Loop
- Water or Water/Glycol
- Robust Equipment for Harsh Environments
- Ambient Temperature Range -20 – 95°F
- Leaving Fluid Temperature 28°F
- Fluid Setpoint 25 – 50°F
- Hermetic Scroll Compressors
- Centrifugal Pumps
- Hot Gas Freeze Protection
- Insulation
- Anti-Backflow Kit
- Built to UL 1995
- 18-Month Parts and Labor Warranty
- 24/7 Service and Support
- Next Day Parts Available

Integrated Cooling Systems

- Glycol Chiller
- Heat Exchangers
- Plate and Frame Packages
- Pump Skids
- Condensing Units

Options

- Cooling as Low as -20°F
- Modular Designs for Growth
- Redundant Pumps with Automatic Switchover
- Variable Speed Components
- Heated Loops
- Onboard Diagnostics
- Heat Exchangers
- Heat Recovery
- Condensing Units

MODEL	CAPACITY AT 28°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	17,856	460/3/60 230/3/60	11.0 22.0	1 1/2	25	50x28x67	1.5	20	25
WV0-5001-M	30,048	460/3/60 230/3/60	19.2 32.0	1 1/2	25	50x28x67	1.5	20	25
WV0-7501-M	43,279	460/3/60 230/3/60	25.0 47.1	1 1/2	40	58x36x66	1.5	30	25
WV0-10001-M	58,252	460/3/60 230/3/60	29.4 56.0	1 1/2	40	58x36x66	1.5	30	25
WV0-2-50001-M	60,096	460/3/60 230/3/60	29.4 56.0	1 1/2	40	111x35x76	1.5	30	25
WV0-15001-M	86,560	460/3/60 230/3/60	44.2 84.3	2	70	58x42x91	3	40	25
WV0-2-7501-M	86,560	460/3/60 230/3/60	44.2 84.3	2	70	111x35x76	3	40	25
WV0-20001-M WV0-2-10001-M	116,500	460/3/60 230/3/60	58.0 108.4	2	100	71x42x99	5	60	25
WV0-30001-M	174,758	460/3/60 230/3/60	88.0 176.0	3	130	101x42x97	5	90	25
WV0-2-15001-M	174,758	460/3/60 230/3/60	88.0 176.0	3	130	134x44x85	5	90	25

MODEL	CAPACITY AT 28°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	41,000	1	460/3/60	12	30	TBD	1.5	15	50
PVO-7500	60,000	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	120,000	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 28°F LFT at 105°F ambient.

