

ProCool™ Glycol Chiller Range

Rapidly reduce your milk temperature using a ProCool Glycol precooling solution. These systems use a mixture of food grade glycol and water to create chilled liquid on demand, at milking time. With a correctly sized refrigeration unit, the system can chill milk to 4°C before entering the vat.

The compact glycol solution is ideal for farms with high water temperatures and a good supply of power during the milking period.

Suitable for areas with extreme ambient temperatures and can be designed to chill milk to 4°C regardless of primary water supply.

Uses a small volume of water; ideal for areas with severe water restrictions or high water temperatures.

- ✓ Several sizes of refrigeration unit available to suit your needs
- ✓ Compact solution
- ✓ Tru-Test will supply, deliver, install and commission your system anywhere across New Zealand.

- ✓ The ProCool Glycol Chiller range has been designed in New Zealand for New Zealand dairy farmers.
- ✓ They are solidly built for outdoor use and can be supplied on their own or as a complete system with a glycol holding tank, pump and plate cooler.



Tru-Test TT15 chiller shown.
Supplied product may differ.

Features and Specifications: Tru-Test water and glycol chiller models

- ✓ **Robust.** Solid built with powder coated finish for a long life.
- ✓ **Reliable.** Shell in tube heat exchangers are used for chilling the water. These are more tolerant to differences in pressure and temperature than some other types of heat exchanger.
- ✓ **Easy setup.** The chiller unit is pre-charged with refrigerant ready to go. Plumb up to a tank and plate cooler supplied by Tru-Test or provide your own.
- ✓ **Easy servicing.** Parts are easily accessed and commonly available throughout NZ.
- ✓ **Proven.** These units use V-Block condensers which have been proven on industrial units throughout the developed world.

Specifications		
	Chiller Water/Glycol T'T10	Chiller Water/Glycol T'T15
Size (L x W x H)	1,600 mm x 1,100 mm x 1,670 mm	2,150 mm x 1,160mm x 1,670mm
Dry Weight	660 kg	1000 kg
Unit		
Compressor	ZB76 10 hp	ZB114 15 hp
Displacement	28.8m ³ /hr	43.4m ³ /hr
Total current	22.8 FLA	39.9 FLA
Performance: Te 0°C / Tc 35°C		
Refrig. Duty	28.0kWh	44.2kWh
Total Power Input	10.3kW	14.6kW
Components		
Controller	DIXELL	DIXELL
Fan	2 x 600mm single phase	2 x 630mm single phase
Refrigerant	407F	407F
Condenser	V135	V203
Evaporator	Shell & Tube	Shell & Tube
Circulation Pump & Flowrate*	CDLF4-4 1.4L/s	CDLF8-3 2.0L/s
Pipes	50mm BSP female threaded	50mm BSP female threaded

*Note that this is the internal water circulation pump. An additional pump is needed to deliver cold water to the plate cooler.

Order Information		
	Chiller Water/Glycol T'T10	Chiller Water/Glycol T'T15
Part number	832109	832110

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