



GROWTH THROUGH INNOVATION

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
- DTS 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.



DTS TT15 chiller shown.
Supplied product may differ.

Features and Specifications: DTS 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.
- **Easy servicing.** DTS can offer a service plan and parts are commonly available throughout NZ.
- **Proven.** These units use V-Block condensers which have been proven on industrial units throughout the developed world.

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Specifications		
	Glycol TT10	Glycol TT15
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	28.0 kWh	44.2 kWh
Total Power Input	10.3 kW	14.6 kW
Components		
Controller	DIXELL	DIXELL
Fan	2 x 600mm single phase	2 x 630mm single phase
Refrigerant	407 F	407 F
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		
	Glycol TT10	Glycol TT15
Part number	832109	832110

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Although the information presented in this Product Information Sheet is believed to be accurate and reliable, no responsibility for inaccuracies can be assumed by DTS Limited. Performance data is typical only and variations due to component manufacturing tolerances are normal. DTS Limited reserves the right at any time to change performance characteristics or specifications without prior notice.

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