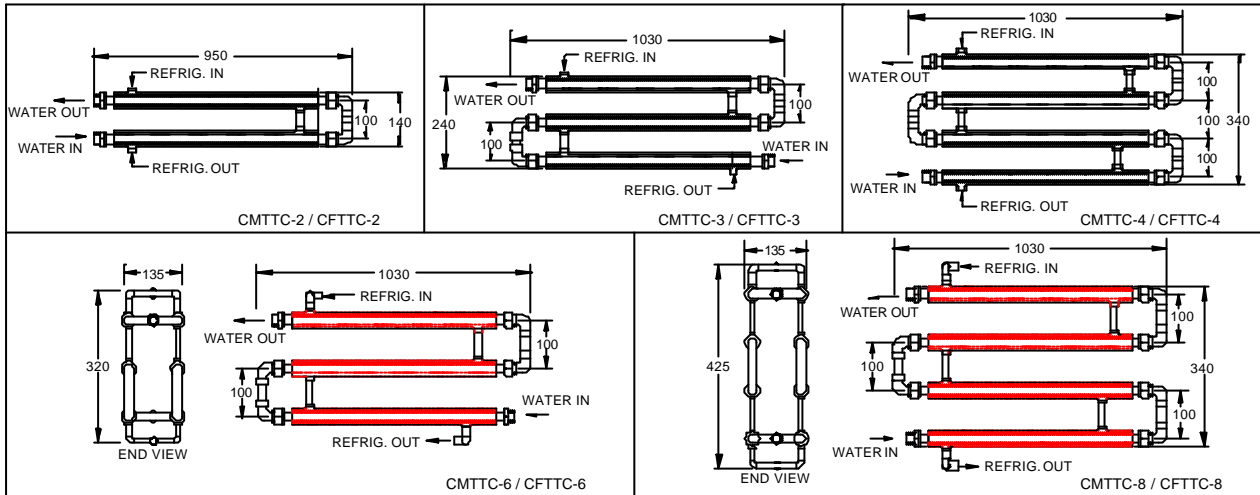




ABN 49 003 452 551

## CAMPBELL HIGH PERFORMANCE MECHANICALLY CLEANABLE TUBE IN TUBE CONDENSERS FOR MARINE OR FRESH WATER APPLICATIONS.



### DESCRIPTION.

The CAMPBELL “CFTTC” and “CMTTC” series refrigerant condensers are of robust construction and are suitable for refrigerants R22, R134A, R502 and all blends and substitute refrigerants suitable for use with non ferrous materials. The counterflow design utilises the leaving water to de-superheat the entering refrigerant after the refrigerant has been condensed and sub-cooled.

For fresh water applications the “CFTTC” series with extended surface copper water tubes is recommended. For marine or salt water applications, the “CMTTC” series is available with 90/10 cupro nickel water tubes and “DR” (zinc free) brass fittings.

### MAINTENANCE.

Water tubes can be mechanically brushed clean as the water return bends are removable by simply unscrewing the “DR” brass couplings.

### SPECIFICATIONS.

Outer refrigerant tube	Descaled copper to AS 1135.
Water tubes model “CFTTC”	Extended surface copper.
Water tubes model “CMTTC”	Extended surface 90/10 cupro nickel.
Return bends	“DR” grade brass (zinc free).

Model	Nominal THR	Water Flow l/s	Water Conns. In / Out	Refrig. Conns. In / Out	No. Of Tubes
CMTTC-2 / CFTTC-2	2.1 kW	0.14	19	12.5 / 9	2
CMTTC-3 / CFTTC-3	3.6 kW	0.22	19	12.5 / 9	3
CMTTC-4 / CFTTC-4	4.2 kW	0.27	19	12.5 / 9	4
CMTTC-6 / CFTTC-6	6.5 kW	0.42	25	15 / 12.5	6
CMTTC-8 / CFTTC-8	8.6 kW	0.55	25	15 / 12.5	8

**Note:** All dimensions are in millimetres. Water connections are male BSP. Refrig. Connections are copper pipe tails.

### OPTIONS:

Special heat exchangers can be supplied for condensing – de-superheating – liquid sub cooling or liquid chilling applications.