



WO2-10000-2P-NF-L-M-407c, fluid chiller, for use with Siemens Aera XJ; DTSWO2100MR45, -MR45C, -MR45L

Medical cooling applications

The Dimplex Thermal Solutions outdoor, air-cooled, water/glycol chiller has been specially designed for medical applications to provide stable, fully dedicated cooling.

The DTS WO2-10000 was developed to meet the unique and varying heat load capacity requirements, maintaining tight temperature tolerances, while providing optimized energy usage, and reliable performance necessary for critical operation applications.

Features

- Dual 10 hp compressor, dual refrigerant circuits to smoothly transition through the 25 to 100% heat load capacity cycles of patient scanning and idling
- Energy savings and quiet operation when minimal cooling is required between patient use, and overnight for facilities located amongst residential areas
- Full capacity cooling enabling optimized utilization

- Dual, redundant fluid pumps, with automatic switch-over ensures no loss of flow
- **DTSWO2100MR45C** – Coastal includes upgrade to stainless steel cabinet and e-coated condenser
- **DTSWO2100MR45L** – Low Ambient includes upgrade for use in -40 to +50 C (-40 to +122 F) ambient temp range





Chiller:		WO2-10000-2P-NF-L-M-407c DTSWO2100MR45/-45C/-45L
Net cooling capacity:	BTU/kW	153,540/45
Refrigerant:		R407C
Coolant:		Water/glycol 50/50
Coolant outlet temperature:	°F/°C	48/8.9
Coolant temperature accuracy:	°F/°C	± 1.8/ ±1.0
Coolant flow:	GPM/LPM	21 +/- 2 / 80 +/- 10
Max. coolant pressure available:	Psi/Bar	70/4.8
Max. ambient temperature:	°F/°C	122/50
Min. ambient temperature: *Low Ambient model –MR45L	°F/°C	-20/-29 -40/-40
Condenser air flow, approx.:	Cfm	12000
Tank capacity:	Gal/Ltr	100/45
Supply voltage:	V / Ph / Hz	460/3/60
Max. current consumption:	A	55
Coolant connections:	NPTF	2.0"
Net weight (dry):	lb/kg	3000/1361
width:	in/cm	113/287
height:	in/cm	84.5/215
depth:	in/cm	44/112

The solution to all your cooling needs.

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