

Transport Membrane Condenser (TMCAqua™)

Technical Data Sheet

Typical Dimensions:

Module Only: 38" x 11-23/32" x 9" (965.2mm x 297.6563mm x 228.6mm) (l x w x h)

Module Mounted on Rack: 40.125" x 17.72" x 12.5" (1019.175mm x 450.1mm x 317.5mm (l x w x h)

Typical Module Weights

Dry per Module: 90 lb (40.8 kg)

Wet per Module: 170 lb (77.2 kg)

Rack Weight per Module: 81 lb (37 kg)

Operating Temperatures:

Inlet Flue Gas (Optimum): 200°F to 250°F (90°C to 125°C)

Cooling Water Inlet Temperature: <125°F (<50°C)

Continuous Operating Temperature: 300°F (150°C) Not to Exceed

Materials of Construction

Heat Exchanger Tubes: Nanoporous coated ceramic

End Plates: Garolite G-10 (typical)

Side Plates: 304 Stainless Steel

Sealants: High Temperature Epoxy Resin

Gasket: High Temperature Silicone