



ENGINEERED PLASTIC COOLING TOWERS

WON'T RUST, HAZARDOUS  
OR CORRODE



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AIR STRIPPERS



Municipal & Industrial

# PARAGON®

## Induced Draft, Counter Flow Design 100 – 250 Ton Single Modules

Detailed Standard Features

Installation & Operation Manual

PDF Specifications & Drawings

Cut Away View

### Standard Features

All cooling towers are factory assembled to the fullest extent possible for ease of installation and shipment. The following features are standard Delta Cooling Tower PARAGON® Series Induced Draft Cooling Towers.

#### Shell:

A seamless engineered polyethylene cylindrical (HDPE) molded shell, with conical transition for motor/fan assembly and louvered air inlets designed for 360° air distribution and fitting connection orientation. There are no joints, seams, panels, gaskets or hundreds of bolts, fasteners or caulking like conventional towers. Delta provides a 15 year warranty on the structural shell.

#### Water Distribution System:

A self propelled PVC distribution system incorporating a rotating sprinkler head and lateral distribution arms with integral drift eliminators. An inspection port is provided in the cooling tower shell at the lateral arm elevation for adjustment.

#### Wet Decking:

A continuous wrapped spiral configuration of lightweight PVC, bonded and packed for maximum film cooling efficiency.

#### Fan Assembly:

The fan assembly consists of a fan ring, prop, motor and guard. The fan ring is coated with premium plasite coating ideal for the harshest corrosive environments. An adjustable pitch propeller fan, fiberglass reinforced polypropylene with a silica alloy hub, is directly driven by a totally enclosed motor designed for cooling tower duty. A fan guard is included that allows protection from the propeller and access to the motor.

Totally enclosed air over (TEAO) motor with 1.15 service factor, designed for 208 or 230/460 volt, 3 phase 60 cycle operation and suitable for outdoor service. Motor is warranted for 5 years by the manufacture.

PVC fittings are provided for inlet, outlet, overflow, drain, and make-up connections at standard orientation locations. However, orientation for special requirements is available for new and replacement installations.

#### Hardware:

All fasteners are 304 stainless steel. Standard anchor and lifting lugs are aluminum.

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