Kid PoleCat EVAPORATOR





OVERVIEW

The SMI® Kid PoleCat Evaporator is a short-throw (100 feet or 30 meters) machine, designed for simple and reliable operation in small areas. The Kid PoleCat Evaporator is easy to use, easy to maintain, energy efficient and quiet – an excellent value.

BENEFITS

Mobility: The SMI® Kid PoleCat Evaporator is designed to move easily around your site, allowing one operator to reposition the unit to take advantage of changing wind direction and speed.

Smaller Footprint: The SMI® Kid PoleCat Evaporator is designed to throw water droplets about 100 feet (30 meters) in calm conditions, allowing control of droplet drift within a smaller area and providing customers with an evaporator that can be used where larger machines cannot.

Excellent Performance: The high air velocity from our unique fan and barrel design combines with optimized water droplets to accelerate evaporation. Annual evaporation rates up to 75% have been achieved, with averages typically between 25 and 65%. Actual rates depend upon many factors, including ambient temperature, relative humidity, water make-up and wind.

Easy Maintenance: Designed for easy cleaning and maintenance, with a fan motor developed for long life in wet conditions. Pre-lubricated, sealed bearings eliminate the need for weekly or monthly lubrication.

Extreme Duty: The SMI® Kid PoleCat Evaporator design has evolved from 10 years of experience in industrial and extreme outdoor applications. Critical components are manufactured from stainless steel for extended life in harsh environments.

FEATURES

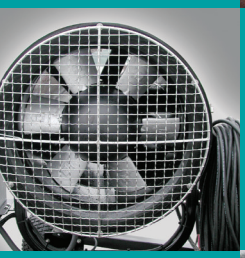
Low plume height for shorter drift distance allows longer operation in swirling or changing winds

Teflon® spiral nozzles reduce fouling and clogging and provide for easy cleaning

Mobile unit allows easy repositioning to take advantage of changing wind direction and speed

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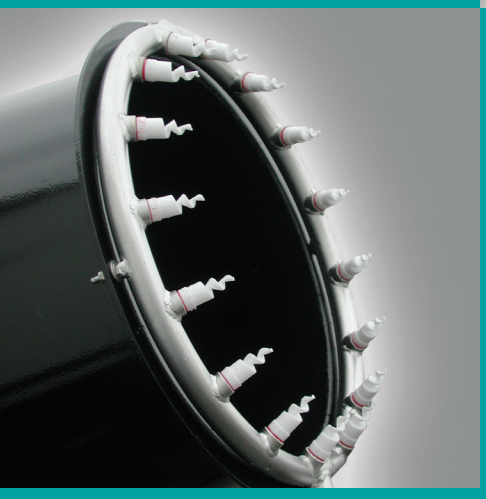
Fan



Hand Jack



Control panel



Nozzles

SPECIFICATIONS

Fan and Head System

- 25 inch diameter aluminum fan with 6 blades
- Fan rotates at 1800 RPM at 480 volts, 3 phase, 60 cycle power or 1450 RPM at 400 volts, 50 cycle power
- Fan produces 9,000 CFM of air

Mount

- 3 wheel painted or galvanized carriage
- Tow bar with wheel lock
- 2 anchoring jacks
- Hand jack to raise and lower angle of water plume

Water System

- Stainless steel spray manifold designed for flow rate of 35 GPM (132 LPM) at 100 PSI (7 Bar) of water pressure
- 16 Teflon® spiral nozzles

Electrical

- 7.5 HP fan motor rotating at 1800 RPM at 480 volts, 3 phase power, 60 cycle power or 1450 RPM at 400 volts, 50 cycle power
- Plastic control panel with start and stop buttons
- 150 feet (45M) electrical power cord

Warranty

- 6 month warranty on all parts and workmanship

Options

- Oscillation

SMI Evaporative Solutions

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