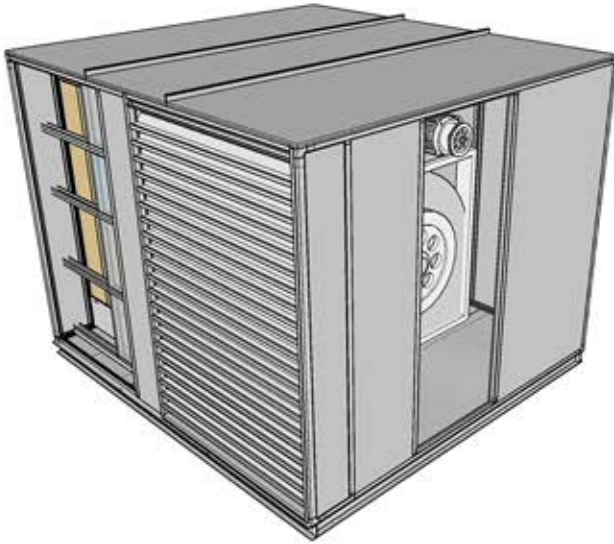




- ° Single Inlet / Single fan
or multiple fans
- ° 3 different models
VALCOOL / INFINITY / INFINITY LIGHT



- ° Single Inlet/Single Fan or multiple fans
- ° 3 different models:
 - Valcool / Infinity / Infinity Light

Industrial Class Evaporative Cooling Equipment with capacities of 6,000 CFM to 150,000 CFM and up to 3.5" ESP or higher if required

Evaporative cooling units are high capacity, high efficiency evaporative cooling equipment. With different cataloged units and sizes ranging from 6,000 CFM to over 150,000 CFM, Barnhart Taylor MX gives the engineer, contractor, or owner the choice and options they want.

Benefits:

- ° Different cataloged sizes
- ° 1.5" or 2" double wall or single wall construction
- ° Galvanized, aluminum, stainless steel
- ° 6,000 - 150,000 CFM and above
- ° Evaporative cooling
- ° Forward curve, airfoil, backward inclined wheels or plenum fans.

Accessories:

- ° Isolators
- ° Control Panel
- ° Filters

Applications

- ° Aircraft hangars
- ° Clean room M.U.A.
- ° Data Centers
- ° Food processing plants
- ° Gymnasiums
- ° Hospitals
- ° Kitchens
- ° Make up air requirement
- ° Manufacturing facilities
- ° Military bases
- ° Mining industry
- ° Municipalities
- ° Prisons
- ° Process cooling
- ° Schools
- ° Textile industries
- ° Turbine inlet cooling
- ° Waste water treatment facility
- ° Warehouses

Resources Available for this product

- ° Catalog by mail

Standard Features

Cabinet:

- 18 ga single skin cabinet
- Pre-painted G-90 galvanized cabinet finish
- G-90 galvanized base frame
- Double-wall hinged access doors for fan and evaporative media access
- Fan door mechanical safety locks
- Fully weatherproof
- 4" double drainable weather louver with bird screen

Fans & Motors:

- Forward curved DWDI blowers
- All fans can be ordered for up, down, or horizontal discharge
- Heavy duty L-50 200,000 hour bearings
- Fans, belts & pulleys - fully installed, aligned and tensioned
- 460v/3ph/60Hz 1-speed ODP high efficiency motors
- Adjustable motor slide base
- 1" deflection spring anti-vibration mounts with seismic restraints
- Flexible connector at fan discharges

Evaporative Media & Pumps:

- 12" thick 90% efficient CELdek evaporative cooling media
- Fully welded #304 Stainless steel sump, media support and water distributor
- Heavy duty stainless steel pumps with adjustable water flow and bleed lines
- PVC water distribution pipe work with end cleanouts

Electrical:

- Pre-wired motors and pumps to a single external junction box
- Electrical panel

Optional Features

Cabinet:

- 16 ga single skin casing
- G-90 galv steel cabinet finish
- Powder coated cabinet finish
- Aluminum cabinet
- #304 Stainless steel cabinet
- #304 Stainless steel base frame
- 2" double wal construction
 - 1.5# insulation

Fans & Motors:

- B.I. flat bladed DWDI blower
- Airfoil bladed DWDI blower
- 2-speed (std. efficiency) motors
- Extended fan bearing lubrication lines
- Fan belt guards
- 2" deflection spring anti-vibration mounts with seismic restraints

Evaporative Media & Pumps:

- 12" thick 90% efficient GLASdek UL900 Class 2 evaporative media
- 4" thick drift eliminator
- Copper water distribution pipe work with end cleanouts

Filters:

- 2" throwaway panel filters
- 2" Aluminum washable filters
- 2" Galvanized washable filters
- 2" Stainless steel washable filters
- Filter pressure differential gauge
- Filter pressure differential switch

Electrical:

- Single point power connection complete with motor starters, transformers & disconnect
- Internal lights with weatherproof switch
- GFI receptacle
- Fan door safety disconnect switches
- Automatic flush kit with timer
- Automatic drain-down with timer
- Automatic drain-down & freeze protection with timer
- UL1995 Heating & cooling equip.

Project Details:

Customer:

Contact:

Phone:

Project:

Location:

Elevation: _____ ft

Model#

Tag: _____ Qty.

CFM ESP HP

Power Supply v/ ph/ Hz

Special Construcion Notes:

Roof Curb Options:

- Minimum Height _____ "
- Pitch along length _____ "per ft
- Pitch along width _____ "per ft
- Insulation
Density: 1.5" 3#
- Finish: Coated Uncoated
- Built-up
- Knocked-down