

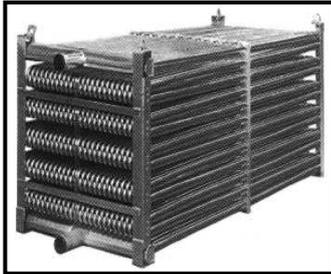
SERIE CMX

CONSTRUCTION DETAILS

CASING

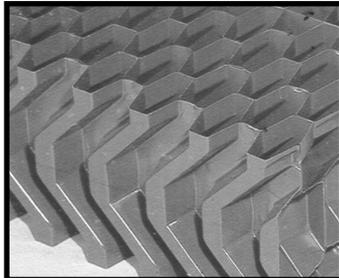
Self supporting type composed of panels and profiles in hot-dip galvanized steel without welding points and finishing with chromate of zinc and aluminum (anti corrosion coating). Can also be supplied with the Corrosion Protection System UNIVAC (see technical sheet). It is equipped with a circular access door.

HEAT TRANSFER COIL



The coils are made of steel and welded to the collectors. The whole module is galvanized after fabrication, as well as the support structure. The coils are equipped with spacing systems and supported by a galvanized steel structure. For specific cases, the modules can be manufactured in stainless steel.

DRIFT ELIMINATORS



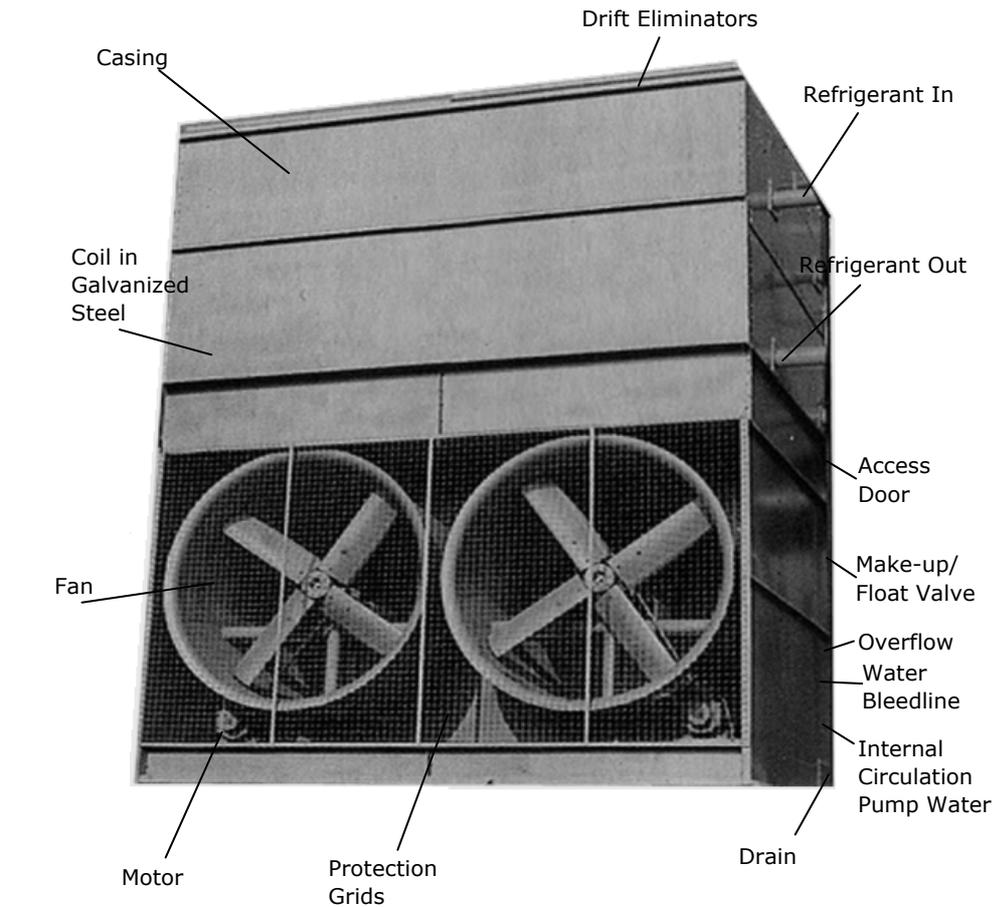
The drift eliminators are manufactured with PVC sheets with three changes of direction and drift losses lower than 0,002% of the design flow rate.

WATER DISTRIBUTION SYSTEM

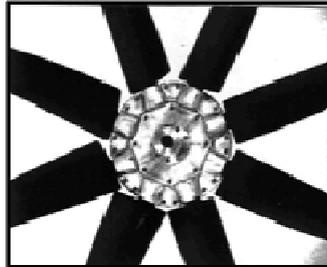
Comprises header and branches with spray nozzles in ABS with low pressure and large orifice openings to eliminate clogging. Allows an easy disassembly for inspection and cleaning. The water admission of compensation is done automatically by a float valve.

ELECTRIC MOTORS

The electric motors are of closed type with ventilated housing, TEFC and protection IP55. Although intended for foreign service are protected from the elements. The motor and the transmission belt is adjustable through a single adjusting screw.



FAN SECTION



The fans are axial type with blades in PPG (Glass reinforced polypropylene) of high mechanical resistance to corrosion and can support temperatures up to 90 °C.

The blades are tight to the core with stainless steel screws.

The fans rotate within surrounding designed to allow a direct air admission and to minimize the peripheral losses to obtain an optimal performance of the fan.

The movement is transmitted to the fan by an electric motor with direct coupling, thus avoiding all the inconveniences caused by reducers or other transmission systems.

WATER MAKE-UP VALVE

Allows automatic reintegration of water. It is equipped with plastic or copper float ball and stainless steel valve.

CIRCULAR ACCESS DOOR

Allows easy access to the self-filling valve and the water filter for cleaning. It also allows man entrance.

STRAINER

It has a large dimension and configured to prevent cavitation. It is easily removable for cleaning. It may be in stainless steel.

OPTIONAL ACCESSORIES

- **TWO SPEED MOTOR** to reduce the number of fan rotations and the consequent adjustment of capacity.

- **TWO ELECTRIC MOTORS** to obtain two speeds and at the same time have one electric motor in store.

- **ELECTRIC WATER LEVEL CONTROL** may be provided instead of the float valve. Allows precise control of water level and possibility of remote warning of water shortages.

- **ELECTRIC IMMERSION HEATERS** with control and safety thermostat, to avoid basin water freezing.

- **CORROSION PROTECTION SYSTEM UNIVAC** (Polyester Silicon Type) developed by UNICLIMA (See technical sheet). Towers made only in sheet (see in catalogs).

- **HEAT TRANSFER COIL** with more than one circuit.