

VAP

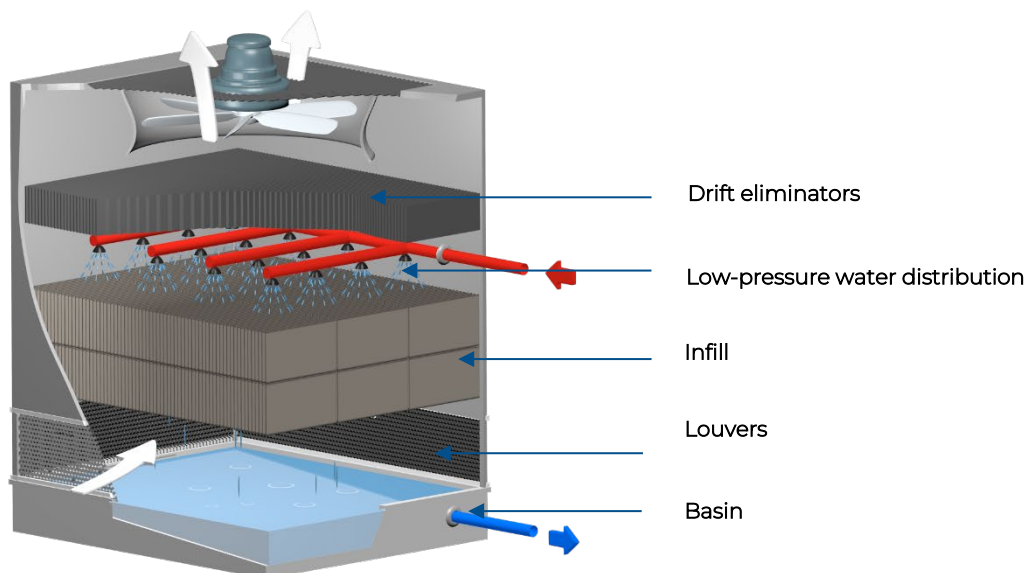
Simple & clean



- *Exceptional lifetime*
- *Simplified maintenance*
- *Complete disassembly and cleaning*
- *Direct coupling fan/motor*
- *In conformity with NF E 38-424 standard*

COMMERCIAL DOCUMENTATION

VENTILATEUR ASPIRANT POLYESTER : SERIE VAP



Casing

It is made of self-supporting Fiber Reinforced Polyester panels. All the steel parts for the assembly are inserted into the polyester. The corrosion resistance is absolute. A special care is given to the internal surface, to make it smooth to slow biofilm growth.

Accessibility

A large door, opening the tower on its whole height gives a full access to safely control, remove all the internals. Sun ray proof louvers can be easily removed, to give access inside the basin. The cleaning is then very simple and efficient.

Mechanical coupling

In order to reduce operation and maintenance costs, and to improve reliability, the coupling of the fan to the motor is direct; no belt, no gear. In that way, JACIR has chosen low speed motor with direct fan coupling.

Exchange surface : WAVE-PACK

Made of straight corrugated PVC channels and designed for continuous water temperatures of up to 55°C as standard. A high-temperature packing option in PP is available, allowing operations up to 75°C. When assembled, it forms channels with a cross-section of 25 mm. This technology combines an extended exchange surface with high fouling resistance and very low pressure drops, thanks to its vertical channel design.

Basin

The VAP can be delivered with or without polyester basin. It is made in one or two parts, assembled with external flanges to avoid bolting in contact with water. In that way, the biofilm growth is slowed. To secure the circuit cleanness, the complete drain of the basin is easy thanks to the slope and to the drain outlet, located at the lowest part of the basin. Sun ray proof louvers prevent both splash out and direct UV rays inside the basin to slow down bacteria growth.

Water distribution

It is made of high-density Polyethylene pipes fitted with low pressure nozzles. Their design secures even water splash on the whole section of the packing. The large diameter nozzles (12 to 32 mm) are highly resistant to clogging and generate mainly large size drops. These drops are less sensitive to drift. Therefore, the bacteriological contamination risk is reduced.

Options

X-STEEL casing (VAPX), basin, louvers, grid below the packing for internal access, water heater with thermostat, frequency convertor, HDPE counter flanges, caged access ladder, FREEFILM packing high resistance PVC film with 20mm vertical channels etc