

SPECIFICATIONS EUWIND WBE-V-W

• VERTICAL JET CEILIJG AIR BARRIERS

The air barriers guarantee a thermal recovery double effect:

- Prevents the warm air losses on the outside.
- The air from the upper side of the room (already warm) is used, and blown downward.

BEARING STRUCTURE / MAIN CASING

The main casing is manufactured from heavy gauge galvanized and pre-painted steel (epoxy coated) which is resistant to rust, corrosion, chemical agents, solvents, aliphatics and alcohols. White RAL 9002 standard colour, optionally (with additional price) any RAL colour. Assembled with screws for easy maintenance. Reduced dimensions.

INSTALLATION ADJUSTABLE BRACKET

The adjustable bracket (included with the standard unit) allows different orientation to suit the different doors characteristics. With multiple air-barrier installation, any different door length can be covered.

FAN SECTION

Fan section including 1 centrifugal fan with double air inlet, with aluminium blade (forward curved fins) directly coupled to the electric motor. Mounted on elastic and anti-vibrating supports. Fan section statically and dynamically balanced. Extensive diameter fans (= high air flow and high static pressure) with low revolutions (= low noise level).

3 speed electrical motor provided with heat protection (Klixon), running capacitor permanently switched on, IP 42, Class B, electric cables protected by double insulation.

Manufactured according with the international standards, with fan protection grill, 230V – 1Ph – 50Hz.

Note: no. 2 fan/motors only for some WBW-BT models.

AVAILABLE VERSIONS

▪ Barriers with air only

The unit is equipped only with fan. Anyway, the air from the upper side of the room (already warm, so guaranteeing high efficiency) is used, and blown downward.

▪ Air barriers with electrical heaters

The air from the upper side of the room (already warm) is used, blown downward and previously reheated through electrical heating section.

Electric heaters are made according to the international electric and safety standards, of plated type with aluminium fins. Units are supplied with safety thermostat "TS" (without Power relay).

Available with power supply 230V or 400V either.

▪ Air barriers with water coil

The air from the upper side of the room (already warm) is used, blown downward and previously reheated through water coil heating section.

High efficiency coil (Turbolenced Fins with a high number of Reynolds) made of copper pipes and aluminium fins fixed by mechanical expansion.

Coils tested at 30 Bar pressure, suitable to work with water at max 15 Bar pressure.

Coils designed to work with hot water (boiler), low temperature hot water (condense boiler, solar energy system, hot water pump, etc.), high temperature hot water (industrial processes and/or high temperature boiler).

Steam coil on request.

ELECTRICAL EQUIPMENT

Standard unit supplied with "Mammoth" type terminal board, inside IP55 electrical box installed outside the unit, for connection with remote control (remote control optional).

The installation of gate opening contact sensor is recommended (not included).