

Premi@ir

New Air Handling Unit

PR 20 to 360

1500 to 30 000 m³/h



TB2/T2

10 models for an air flow range from 1500 to 30 000 m³/h.

TB2 (thermal bridging factor) / T2 (thermal transmittance) classified according to EUROVENT certification.

Self-supporting structure with:
- an **interior completely smooth**, even at the **module junctions**,
- a **total thermal bridge free**.

Double skin 50 mm thick panels (pre-painted RAL 9010 outer skin and galvanized inner skin) with:
- large choice of panel finish : pre-painted with special colour, stainless steel or aluminium,
- different types of insulation : fiberglass, rock wool or polyurethane foam.

Panels are fixed together by means of screws "immersed" in the panel and protected by plastic caps; which eliminate **all localized thermal bridges**.

Sections like filter, fan or inspection, are equipped with **tight access doors**. Each access door is fitted with non-corrosive polyamide **axially offset hinges** and **thermal bridge free type handles with progressive tightening**.

Fan section is characterized by the presence of:
- **flexible connector** between fan outlet and panels,
- belt tension adjustment through **monobloc tensioning plate** or **notched type tensioning device**,
- **unremovable hinged drive guard** behind access door for worker protection.

Cooling coil section is fitted with a **removable sloped drain pan** capable of eliminating all water retention. Drain pan is mounted on sliding rails for easier removal.

Tightness between high efficiency filters and filter holding frame is guaranteed by action of **compression handles** on sliding rails.

Choice of dampers, 3 types:
- class 1 standard type,
- class 3 low leak type,
- class 4 low leak type.

Wesper®