

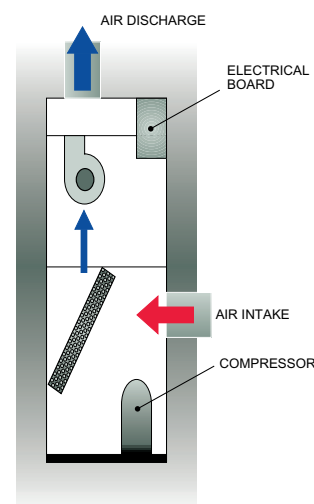


millennium

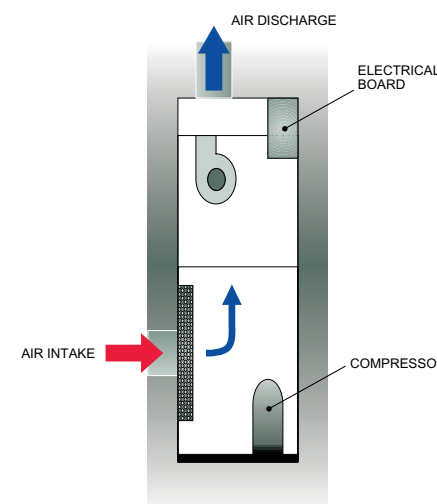
WIDE RANGE

The concept of modularity has been applied and the result is a vast number of models able to meet widely differing installation requirements. These units are available with capacities ranging from 6 to 100 kW

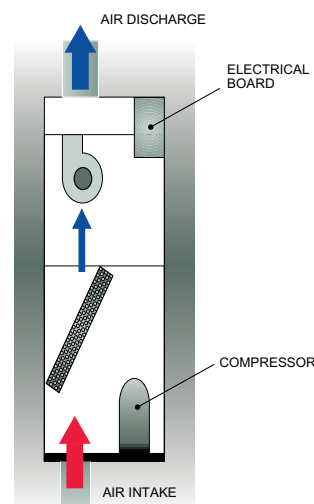
and there are a total of 52 models covering different configurations depending on air discharge and intake.



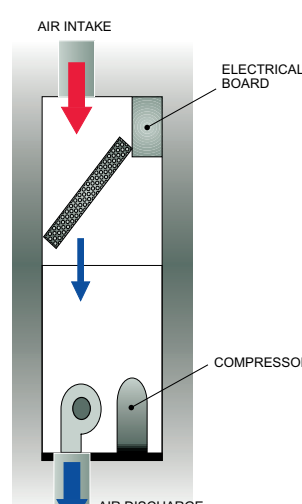
Configuration U: air intake from the front, upflow air discharge



Configuration B: air intake from behind, upflow air discharge



Configuration V: air intake from the bottom, upflow air discharge



Configuration D: air intake from the top, downflow air discharge.

MAIN COMPONENTS

The standard units have the following components: high performance scroll compressors with thermal protection installed on rubber vibration dampers, with valve on the gas discharge line and crankcase heater where necessary; centrifugal fans directly coupled to the low rpm. motor; direct expansion cooling coil; drip tray for condensat; cleanable air filters standard EU4 efficiency; cooling circuit complete with: thermostatic valve with external equalizer, sight glass, dehydrating filter, safety devices, high and low pressure gauges, liquid receiver, check valve on liquid line, solenoid valve; CE compliant electrical panel fitted with magnetothermal main switch, automatic switches, remote switches, overload protection, low tension auxiliary circuits, terminal board and EMIPRO microprocessor.

ACCESSORIES

AA: flooding detector; AF: clogged filters alarm; AL: smoke alarm; AM: soundproofing baffles set on the air outlet; AR: soundproofing baffles set on the air inlet; fans alarm; B: basement; BC: hot water coil with one row, controlled by a suitable three way valve; BG: hot gas coil; BN: base-frame provided with a suitable conveyer; BS: base-frame provided with motorized dampers ON/OFF for the units version D; CI: soundproofing materials; CS: compressors starts; F5-F9: air filters; G2: cooling capacity in 2 steps; H: humidifier with immersed electrodes; IB-IH: serial interface; KC: kit spare filters; MD: wired terminal board to remote the alarms as free contacts; MG: microprocessor with graphic display; PB: micro pump for condensate drawing; PL: plenum with front air distribution grid for units version U/V/B; PR: fresh air inlet; RE: electric heaters; SL: main switch with external mechanical padlock; ST: handadjustable regulation damper; SV: overpressure damper for the units version U/V/B; 1M-5M: several values of external higher available pressure.

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Precision air conditioning units with direct expansion coil



- compactness
- environmental compatibility
- excellent performance and reliability
- wide range



cooling capacity 6÷100 kW

series ED

