




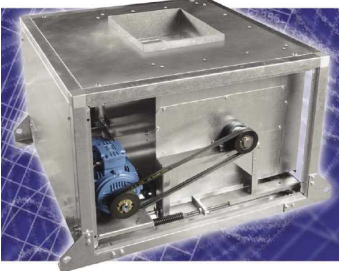




4. Box fans and Air Handling Units



| Picture * | Type | General description * |
|---|---|---|
|  | MFI-Air Handling Unit NEW | 'Extra flat' range : max. 9.000 m ³ /h 'Standard' range : max. 60.000 m ³ /h Air handling unit (AHU) upon request, including fan, heating and cooling batteries, filters (flat, bag, carbon media,...). Use : all HVAC use |
|  | MFI-CTA/VN NEW | V = 0 / 33.730 m ³ /h P = max 1.500 Pa Compact fan unit, double inlet, forward curved impeller, with disc-motor rotor, 100% controllable, IP65, low sound level. Use : industries, buildings, HVAC,... Clean air. Temperature max : 80°C. Options : flexible connections, filters, accessories, roofextractor version (MFI-RTU 41) |
|  | MFI-CTA/VF NEW | V = 0 / 10.000 m ³ /h P = max 980 Pa 'Super flat' compact fan unit, single inlet, forward curved impeller, with disc-motor rotor, 100% controllable, IP65, low sound level. Use : industries, buildings, HVAC,... Clean air. Temperature max : 80°C. Options : flexible connections, filters, accessories, roofextractor version (MFI-RTU 40) |
|  | MFI-FLR-BOX NEW | V = 0 / 14.700 m ³ /h P = max 940 Pa Fan unit with free-wheeling backward curved impeller, high efficiency, double panels, with disc-motor rotor, 100% controllable, IP65, low sound level. Use : all HVAC use, industries, offices, industrial kitchens,... Temperature max : 70°C. Option : free-wheeling impeller MFI-FLR |

| Picture * | Type | General description * |
|---|--------------------------------|--|
|  | MDY-BOX-T | $V = 750 / 32.000 \text{ m}^3/\text{h}$ $P = \text{max } 550 \text{ Pa}$ Belt driven double inlet box fan, low noise level. Use : for urban premises and industrial sites where the noise is a problem. Clean air. Temperature max : 40°C. Option : ATEX 3G, filtering section, double skin panel,...  |
|  | MDY-SS-BOX | $V = 25 / 4.000 \text{ m}^3/\text{h}$ $P = \text{max } 560 \text{ Pa}$ Super-silent acoustic boxed fans, limited dimensions. Directly coupled motor. Use : small exhausting plants, where limited dimensions and easy installation are required. Clean air. Temperature max : 40°C. |
|  | MDY-AxB | $V = 100 / 6.500 \text{ m}^3/\text{h}$ $P = \text{max } 680 \text{ Pa}$ Rectangular ducted centrifugal in-line fan. Directly coupled motor. Use : for practical and quick installation into rectangular section ducted systems. Clean air. Temperature max : 50°C. |
|  | MDY-MINI-BOX NEW | $V = 25 / 1.500 \text{ m}^3/\text{h}$ $P = \text{max } 500 \text{ Pa}$ Slim-line acoustic boxed fan, with round spigot (diameter from 100 to 315 mm). Directly coupled motor. Use : ideal for false ceiling installation in houses, offices, public premises,... Clean air. Temperature max : 60°C. |
|  | MRE-UPDN NEW | $V = 700 / 57.000 \text{ m}^3/\text{h}$ $P = \text{max } 900 \text{ Pa}$ Smoke extract belt driven cabinet fan 400°C/2H. Use : parking, industrial kitchens, public buildings Temperature max : 400°C / 2H.  |

| Picture * | Type | General description * |
|---|-------------|--|
|  | Accessories | Duct clamps, protection guards, silencers, rainproof outlet with guard, support feet, anti-vibration mounts, speed regulators, circular electric heater (diam 100 to 315 mm), filter box with round spigots (diam 100 to 400 mm),... |

* The above pictures and descriptions are not contractual and not exhaustive.

Heat recovery units

| Picture * | Type | General description * |
|---|----------------------------|--|
|  | MDY-AERA NEW | $V = \text{up to } 280 \text{ m}^3/\text{h}$ $P = \text{max } 280 \text{ Pa}$ High efficiency central heat recovery unit designed for ease of installation, low noise running and high thermal performances (> 90%). With Ac and DC motor. Applications : for residential application. |
|  | MDY-REC | $V = 50 / 4.500 \text{ m}^3/\text{h}$ $P = \text{depending models and accessories}$ Heat recuperator fan, with 2 double inlet forward curved centrifugal fans with built-in motor, with a heat exchange pack and filtering sections. Applications : to solve the problem of high energy consumption, typical when outside air is used for ventilation. « All seasons ». Clean air. Temperature max : 50°C. Numerous accessories. |

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