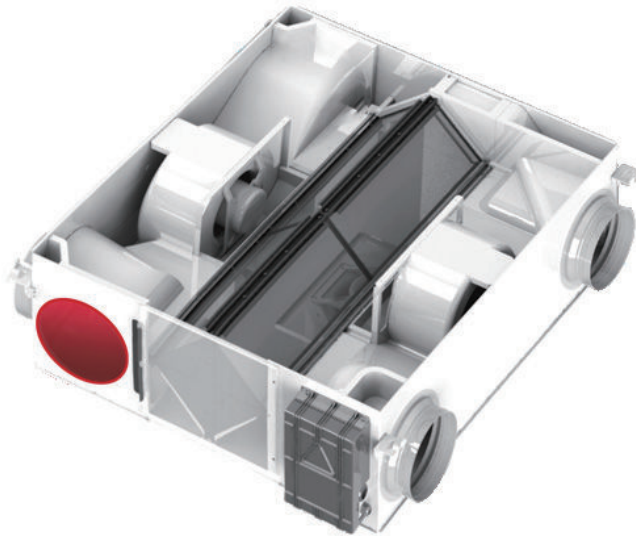


Ceiling Mounted Energy Recovery Ventilators

Comfort Fresh Air | CFA Series | Balanced Supply & Exhaust



Internal cutaway view

Bring outdoor air indoors while exhausting stale air. The CFA series transfers heat and moisture between the outgoing and incoming airstreams to reduce the ventilation load on heating and cooling equipment.

KEY FEATURES

- 5th generation total heat exchanger
- MERV 6 primary filtration
- Automatic bypass and defrost functions
- Removable heat exchanger and filters
- DC fan motors with 10 speed settings
- Optional MERV 13 supply air filtration
- Insulated EPS casing for thermal performance
- Flexible ports and inverted installation option

OPERATING MODES & CONTROLS

Energy recovery	Transfers heat and moisture to precondition incoming outdoor air.
Bypass	Supplies outdoor air without heat exchange when conditions permit.
Intelligent control	LCD control with weekly timer, fan speed selection, cleaning alerts, sleep mode and power-off memory.

TECHNICAL SPECIFICATIONS

CFA series ceiling mounted energy recovery ventilators

Parameter	CFA150C(11)	CFA250C(11)	CFA350C(11)	CFA500C(11)
Airflow at 0.2 in. w.g. (CFM)	106	162	229	318
Airflow at 0.4 in. w.g. (CFM)	89	147	206	294
Power consumption (W)	83	93	129	180
Fan efficacy at 32 F (CFM/W)	1.28	1.74	1.78	1.77
Apparent sensible efficiency at 32 F (%)*	86.4	85.4	89.2	83.7
Sensible recovery efficiency at 32 F (%)*	81.4	84.3	87.6	82.6
Total recovery efficiency at 95 F (%)	53.6	52.1	59.2	50.1
Noise [dB(A)]	29	28	32	34
Electrical supply	120 V / 60 Hz / 1 phase	120 V / 60 Hz / 1 phase	120 V / 60 Hz / 1 phase	120 V / 60 Hz / 1 phase
Net weight (kg)	20	23	30	33

* At low speed. Values reproduced from the supplied manufacturer catalog, technical parameters, p. 12. Efficiency varies with airflow and operating conditions.

AVAILABLE OPTIONS

MERV 13 filtration; Wi-Fi module with Smart Life app; humidity and CO2 sensors; smart air quality detector; HDK-CK23C2 simple control. Optional electrical fresh air and exhaust backdraft dampers exclude CFA150C(H11).

Optional preheater: confirm model compatibility and electrical requirements before selection. The catalog lists the preheater at 230 V / 50 Hz, separately from the 120 V / 60 Hz ERV supply.

Confirm required airflow, external static pressure, duct connections, installation clearances and final configuration with Teller Industries. Catalog model suffixes differ between performance and dimensional sections; confirm the ordering designation.

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