

- HRU with efficiency $\geq 75\%$
- Counterflow
- Qv 100 till 1000 m³/h



Ventilation Unit With Heat Recovery type TX-CFT

This compact heat recovery unit is designed for comfort ventilation in combination with energy saving.

Application

Schools, offices, dining spaces, conference rooms and other indoor spaces that need fresh air.

Composition

The unit's main components are:

- Counterflow exchanger
- Air supply ventilator
- Air exhaust ventilator
- By pass, including engine
- Damper motor
- Air supply filter
- Air exhaust filter
- Control board
- Power switch

Fan

- Low noise level for a better acoustic comfort
- By maximum airflow a noise level from 35 dB(A)

Exchanger

- Cross-flow exchanger with (epoxycoated) aluminium plates;
- Silicone free sealing (max 90°C);
- 1 module;
- Calculations in accordance with the European norm EN 308 and its sub documents.

Filter

- Supply filter F5
- Exhaust filter F5

Certification

The unit is produced in conformity with 2006/32/EC and the harmonized standards:

- EN ISO 21200-1/A1:2009
- EN ISO 21200-2/A1:2009
- EN 60269-1/A1:2009
- EN ISO 13857:2008
- EN 61000-6-1:2007
- EN 61000-6-3:2007
- EN 61000-6-4:2007

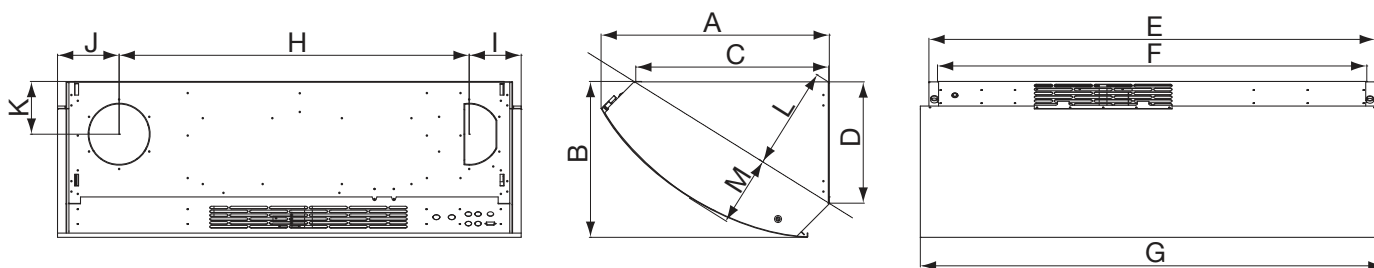
Accessories

- Master slave print
- Modbus print
- Modbus converter software
- Lon Interface
- System for false ceiling installation

Heat recovery units

Technical data					
		TX 250 A	TX 500 A	TX 750 A	TX 1000 A
Dimensions (LxDxH)	mm	1200x595x403	1500x828x493	1800x895x565	2100x1050x665
Air renewal (min-max)	m ³ /h	100-250	300-500	350-750	500-1000
Eff. Heat Exchanger*	%	80.60	84.50	78	80.90
Filterclass		F5	F5	F5	F5
Weight	kg	32	41	80	95
Power supply	ph/V/Hz	1/230/50	1/230/50	1/230/50	1/230/50
Output motor	W	2x71	2x90	2x170	2x175
Energie consuption	W	28	65	78	150
Energie consuption	kJ/m ³	0.40	0.47	0.38	0.54
Electrical heater	W	400	650	1000	1250
Water heater	W	340	670	1260	1340
Sound Level (min-max)	dbA	26-35	25-35	25-35	27-35
Duct Fitting Diameter	mm	2x160	2x250	2x315	2x315

*the heat exchanger's efficiency is a documented measeament according the EN 308



Dimensions													
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	J [mm]	K [mm]	L [mm]	M [mm]
TX 250A	595	403	500	313	1155.50	1141	1200	906	134.50	159.50	136.60	280	185
TX 500A	828	493	710	382	1505.50	1491	1550	1156	189	205	186.60	350	245
TX 750A	895	565	766	442	1766.50	1750	1800	1355	210	235	202.50	390	280
TX 1000A	1050	665	917	542	2066.50	2050	2100	1630	235	235	252.50	465	310