

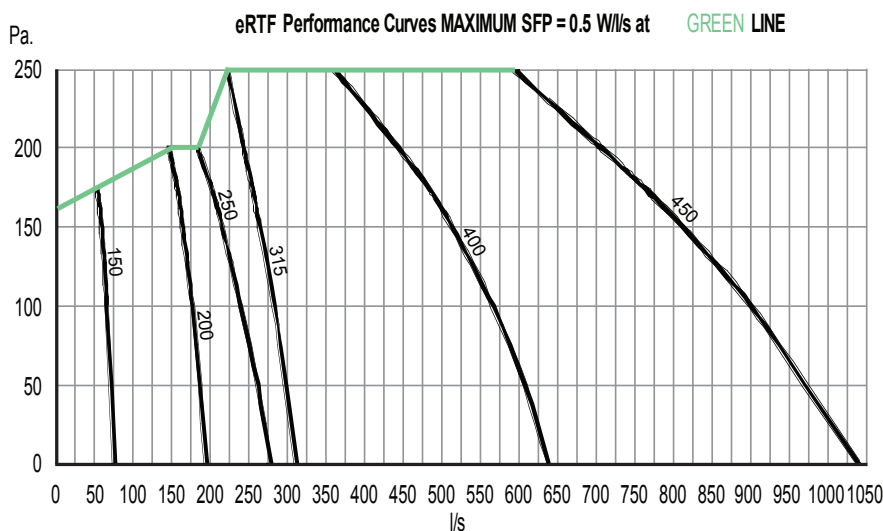
Eco-Airvent™

The eRTF range of compact ROOF TWIN extract fans offer duties up to 900 l/s installed performance.

Suitable for commercial applications. Fans in this series are ERP2015 compliant with <0.5 W/l/s SFP as required in the non-Domestic Building Services Directive 2013 on all parts of the fan curves selected below the green line. The eRTF twin fans are available as either bottom square inlet or rear circular spigot inlet. Manufactured from high quality powder coated galvanized sheet steel, fitted with acoustic non-hygroscopic foam and non-overloading 100,000 hour long life, low energy EC fans. Void mounted Twin Fans (eTF) are also available - see separate catalogue.

**0.36
W/l/s
SFP**
Typical

eRTF Acoustic Twin Fans ULTRA LOW ENERGY

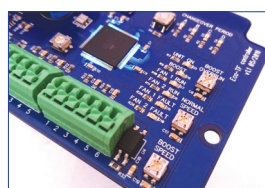


eRTF Series Performance Data		External Static Pressure (Pa)					
Model		0	50	100	150	200	250
150	Airflow l/s	75	70	65	58	50	-
200	Airflow l/s	208	200	192	181	166	150
250	Airflow l/s	275	260	235	208	183	146
315	Airflow l/s	311	297	283	264	254	224
400	Airflow l/s	637	606	556	513	450	375
450	Airflow l/s	1000	944	861	778	694	639

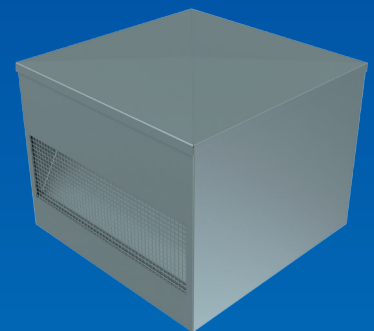
ECO-TF

Combined Auto Changeover & Speed Controller

For use in most commercial applications. Integral ECO - TF controller allowing trickle & boost options with speed adjustment. Enable/Disable from BMS/VFC time-switch. Fault output.



Eco-TF Controller

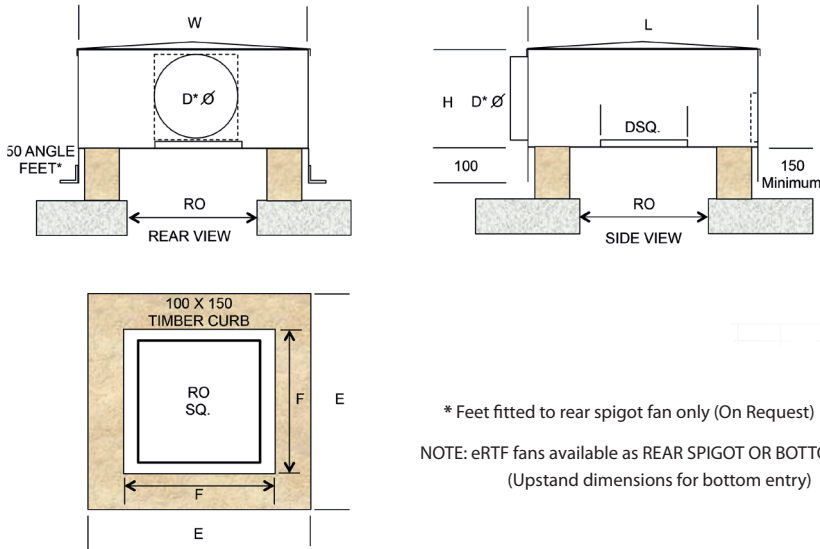


- ✓ ERP2015 COMPLIANT
- ✓ FULLY COMPLIANT WITH NON-DOMESTIC BUILDING SERVICES DIRECTIVE 2013
- ✓ 100,000 HOUR LONG LIFE EC FANS
- ✓ COMPACT DESIGN



Made in the UK

Dimensions:



* Feet fitted to rear spigot fan only (On Request)
 NOTE: eRTF fans available as REAR SPIGOT OR BOTTOM ENTRY
 (Upstand dimensions for bottom entry)

eRTF Acoustic Twin Fans

eRTF Series Dimensions (mm) & Weight (kg)									
Model	W	L	H	DØ	DSQ	E	F	RO	(kg)
150	450	450	200	150	150	400	200	200	26
200	640	640	300	200	200	590	390	250	35
250	640	640	300	250	250	590	390	300	48
315	640	640	380	315	315	590	390	350	52
400	850	850	460	400	400	800	600	450	77
450	1050	1050	600	450	450*	1000	800	500	111

* ERTF450 - 450 SQ. DUCT with 20mm MEZ Flange

eRTF Series 230V/1ph/50Hz Electrical & Technical Data								
Model	Nominal Airflow (l/s)	Max. Current (Amps)	Input @ 150Pa. (W)	Unit SFP @ 150Pa.	Unit SFP @ 100Pa.	Unit SFP @ 50Pa.	Max. Ambient deg. C.	Protection Class
150	60	0.26	26	0.4	0.36	0.26	60	IP54
200	175	0.7	78	0.45	0.38	0.33	60	IP54
250	210	0.6	75	0.36	0.29	0.2	60	IP54
315	260	0.9	108	0.4	0.35	0.29	60	IP54
400	500	1.1	160	0.3	0.26	0.2	60	IP54
450	800	1.1	247	0.3	0.25	0.2	60	IP54

eRTF Series in duct sound power data (dB ref. 10 ⁻¹² W)										*Breakout	
Model	In-Duct PWL	Hz.	63	125	250	500	1k	2k	4k	8k	dBA* @ 3m
150	dB		58	54	54	54	53	54	52	47	21
200			54	57	60	61	60	60	56	54	29
250			55	57	61	59	57	54	51	46	23
315			64	61	64	63	62	60	57	54	31
400			59	62	64	63	60	56	55	50	29
450			59	65	59	61	56	55	50	42	27

Eco-Airvent Limited
 Suite 1, 3rd Floor
 11-12 St. James's Square
 London SW1Y 4LB
 Tel: +44 (0) 1234 910844
 Email: sales@eco-airvent.co.uk
 www.eco-airvent.co.uk

