

Eco-Airvent™

HR100ST heat recovery unit offers the ideal solution for commercial WC's and other similar commercial applications.

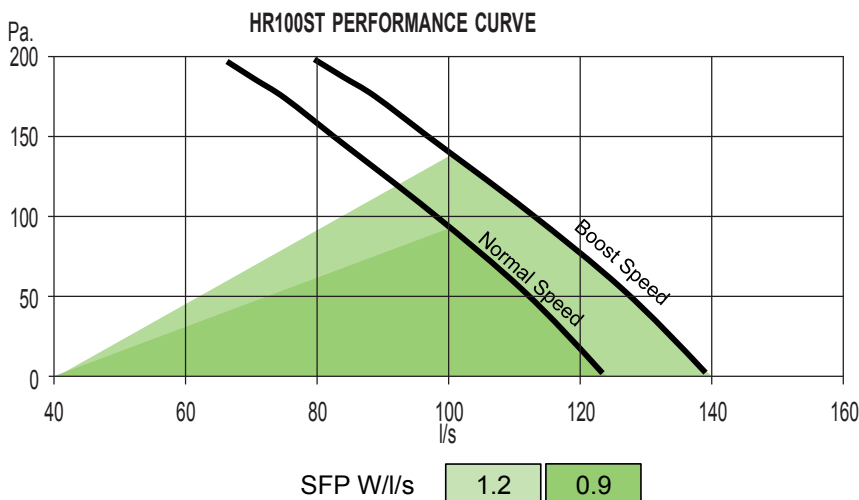
With a typical installed performance of 100 l/s the HR100 ST unit offers a cost effective ventilation solution for a large range of WC areas.

Units can be handed to suit site limitations and come complete with 200mm circular spigots to accept readily available ducting components. Manufactured to ISO 9001 in best quality galvanized sheet steel with stainless steel drain tray with acoustic, non-hygroscopic foam fitted as standard, features include non-overloading 100,000 hour life, low energy EC fans and 73% efficient heat recovery cube.

ECO-PRO Controller fitted as standard includes automated summer bypass, fault output, enable/disable fan run, separate fan speed control, with normal/boost speed option via external sensor.

0.89
W/I/s
SFP
Typical

HR100 ST HEAT RECOVERY UNIT



HR100 ST Performance Data (l/s)					
External Static Pressure (Pa)		0	50	100	150
Normal	Airflow l/s	123	113	98	82
	Boost	140	128	112	95



Movement Sensor

EA-PIR Movement sensor detects occupation of room. 230V with VFC (voltage free contacts)

✓ FULLY COMPLIANT WITH NON-DOMESTIC BUILDING SERVICES DIRECTIVE 2013

✓ 72% EFFICIENT ENERGY RECLAIM

✓ LOW ENERGY LONG LIFE EC FANS

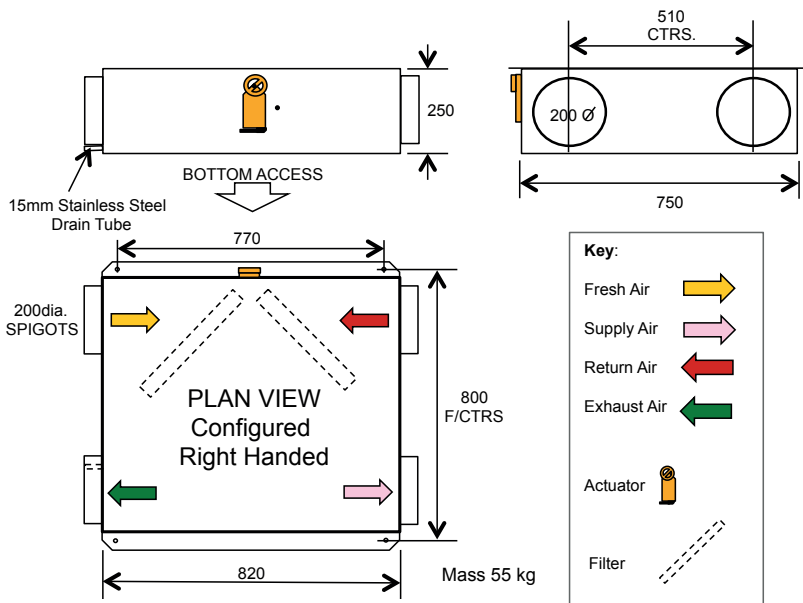
✓ COMPACT DESIGN

✓ AUTOMATED SUMMER BYPASS

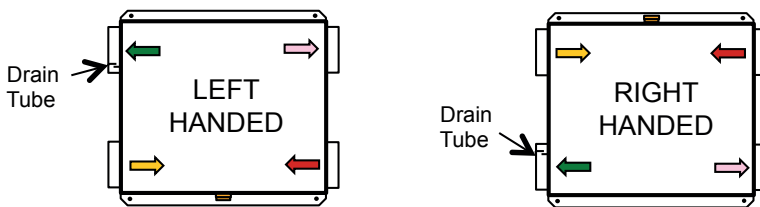


Made in the UK

HR100 ST



HR100ST available configured as LEFT or RIGHT Handed



HR100ST Technical & Electrical Data 230V / 1 ph / 50Hz

Maximum Current (Amps)	Maximum Unit Input (Watts)	SFP W/l/s @50 Pa	SFP W/l/s @80 Pa	SFP W/l/s @130 Pa	Max. Ambient (°C)	*Heat Reclaim (%)	*Max. Condensate l/hr
1.00	120	0.72	0.89	1.2	60	73	1.1

* Minimum at nominal airflow: COLD SIDE E.A.T. -4°C/ 98% R.H. HOT SIDE E.A.T. 22°C/ 60% R.H.

HR100ST IN-DUCT SOUND POWER DATA (dB)

	Airpath	Hz.	63	125	250	500	1k	2k	4k	8k	Breakout dBA @ 3m
NORMAL	Supply		52	55	58	60	58	57	54	51	20
	Extract		50	52	55	57	55	54	51	48	
BOOST	Supply		55	58	61	63	61	60	56	53	23
	Extract		52	55	58	60	58	57	53	50	

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

