

Eco-Airvent™

KOMPAKT 40 Heat Recovery Unit Ideal ventilation solution for small offices, WC's and other similar commercial applications

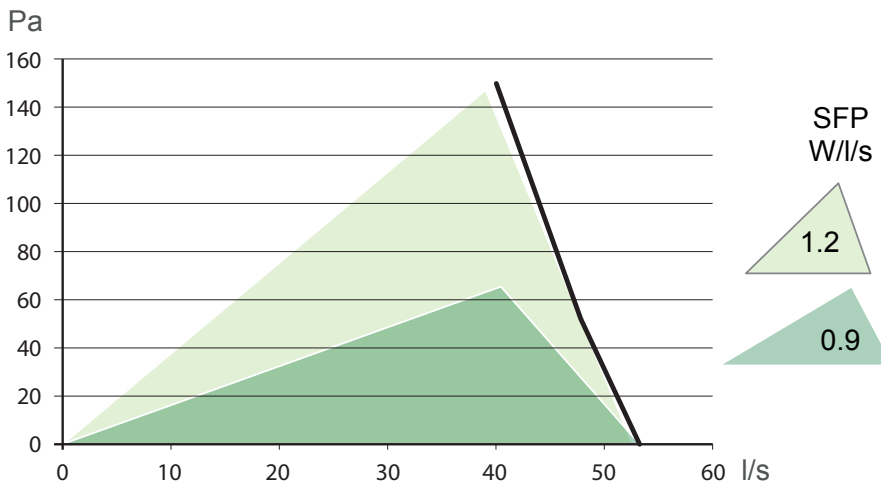
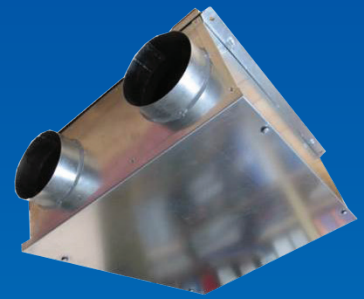
With a typical installed performance of 44l/s the KOMPAKT 40 offers a cost effective solution to small offices with up to 4 people requiring simple to operate user control.

KOMPAKT units can be handed to suit your duct work on site limitations. For options with side spigots and larger duties see our standard VHR range.

Manufactured in good quality galvanized sheet steel with stainless steel drain tray. Acoustic non-hygroscopic foam fitted as standard. Non over loading 100,000 hour life low energy EC fans included. Typically 90% efficient heat recovery cube as standard negating requirement for additional heater battery.

1.2
W/I/s
SFP
Typical

Kompakt 40 HEAT RECOVERY UNITS



KHR40 Performance Data (l/s)				
External Static Pressure (Pa)	0	50	100	150
Airflow l/s	53	48	44	40

Summer Eco-Speed

- Manual, Single-Gang
- Speed Controller
- 3 x speed settings
- 1 x Summer Mode setting
- Ideal for small offices
- Boost mode via separate PIR if required

EAPIR

Movement Sensor for use with Summer Eco Speed Controller



✓ FULLY COMPLIANT WITH NON-DOMESTIC BUILDING SERVICES DIRECTIVE 2013

✓ 90% EFFICIENT ENERGY RECLAIM

✓ LOW ENERGY LONG LIFE EC FANS

✓ COMPACT DESIGN

✓ SUMMER MODE

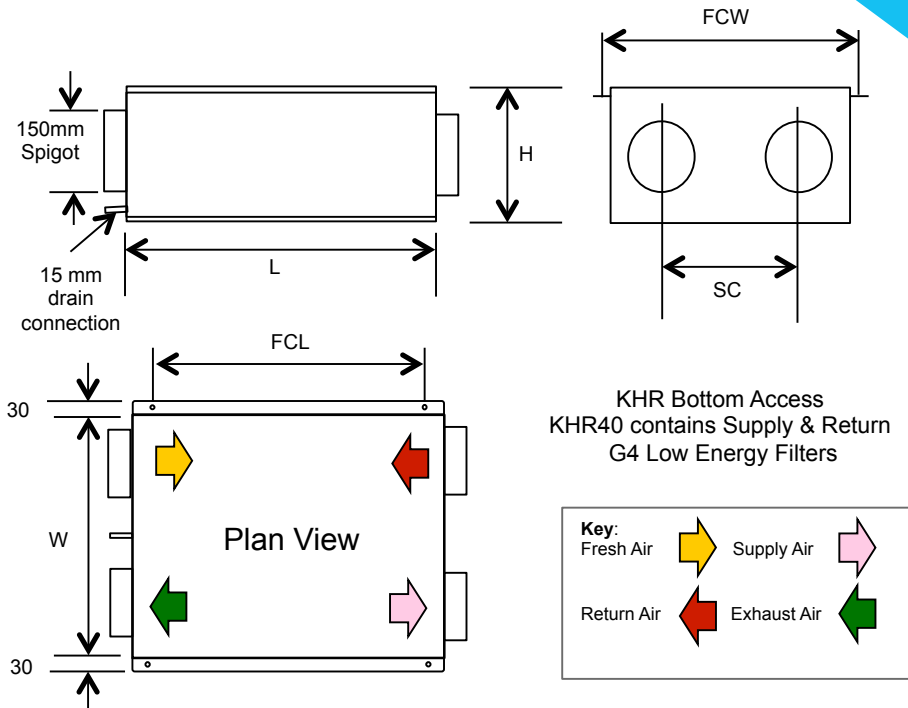


Made in the UK

Dimensions:

KHR40 Dimensions & Weights						
L	W	H	D	FLC	FCW	(kg)
700	530	250	150	500	560	39

Kompakt 40



Optional KHR Configurations:



KHR40 Technical & Electrical Data							
Maximum Current (Amps)	Maximum Unit Input (Watts)	SFP W/l/s (per fan)	SFP W/l/s (per unit)	Electrical Supply	Max. Ambient (°C)	Motor Protection Class	Heat Reclaim* (%)
0.54	48	0.6	1.2	230V/1ph/50Hz.	60	IP54	90

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

NOTE: When in 'Summer Mode' supply fan only runs for office use – extract fan only runs for WC use. Energy usage is reduced by 50% when in 'Summer Mode'

KHR40 IN-DUCT SOUND POWER DATA (dB)										
Airpath	Hz.	63	125	250	500	1k	2k	4k	8k	Breakout dBA @ 3m
Supply		56	52	52	52	51	52	50	45	30
Extract		53	49	49	49	48	49	47	42	

dB ref. 10-12 W mid-frequency octave band

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