

Duplexvent FLEXI DV1600

Flexi Line Side Entry - Up to 1800 m³/hr air volume



Key Features

- Extract up to 1600 m³/hr @ 200 Pa
- Excellent heat recovery efficiency, up to 95%
- Versatile unit positioning with floor and ceiling suspended mounting options
- Low SFP with energy saving EC fans
- Low noise, refer to NR35 and BB93 standards
- 10 speed digital control with internet and BMS
- Unique interchangeable spigot connections
- Compliant to BREEAM, Passive House and ErP 2013 / 2015 regulations

Performance

Sound Power Level Lw (dB)	dB (A)	63	125	250	500	1 k	2 k	4 k	8 k
Outdoor air e1	46	61	54	49	42	38	31	<25	<25
Supply air e2	68	74	75	70	66	62	58	51	45
Extract air i1	45	61	54	48	42	37	31	<25	<25
Exhaust air i2	68	74	75	70	65	61	58	50	44
Breakout noise	55	59	61	59	51	50	44	32	<25
Sound Pressure Level Ld	dB (A)	63	125	250	500	1 k	2 k	4 k	8 k
To the surrounding	35	38	41	39	30	29	<25	<25	<25

Sound pressure level is measured at 3m distance

Ventilation		Supply Air	Extract Air
Maximum Air Volume @ 200 Pa	m ³ /hr / l/sec	1600 / 444	1600 / 444
Air volume @ 150 Pa*	m ³ /hr / l/sec	800 / 222	800 / 222
Nominal voltage	V	230	230
Voltage (at operation point)*	V	230	230
Nominal power (at operation point)*	W	114	105
Max connection power	W	490	490
Max current	A	2.9	2.9
Filters		F7	M5
Fan type		EC	EC

* Note: ● The figures above have been measured at 800 m³/hr and 150 Pa. Please use the Duplexvent Selection Software to calculate measurements at other performance levels.

Heat Recovery		Supply Air	Extract Air
Maximum Air Volume @ 200 Pa	m ³ /hr / l/sec	1600 / 444	1600 / 444
Air volume @ 150 Pa*	m ³ /hr / l/sec	800 / 222	800 / 222
Temperature at inlet*	°C	-10	22
Temperature at outlet*	°C	18	1
Humidity at inlet*	%rh	90	40
Humidity at outlet*	%rh	11	100
Thermal efficiency in winter / summer	%	87 / 84	
Performance in winter / summer	kW	7.7 / -0.9	
Condensation	l/h	2.5	
Type of heat exchanger		Counter Flow, Plastic	
Part No.		90000068	

* Note: ● The figures above have been measured at 800 m³/hr and 150 Pa. Please use the Duplexvent Selection Software to calculate measurements at other performance levels.



