

# Duplexvent FLEXI DV2600

Flexi Line Side Entry - Up to 3100 m<sup>3</sup>/hr air volume



## Key Features

- Extract up to 2600 m<sup>3</sup>/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
- 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	45	60	58	46	36	33	29	<25	<25
Supply air e2	68	81	77	72	61	60	56	51	48
Extract air i1	44	59	58	45	35	32	28	<25	<25
Exhaust air i2	67	81	77	71	60	59	55	50	47
Breakout noise	64	66	73	70	55	52	48	41	33
Sound Pressure Level Ld	dB (A)	63	125	250	500	1 k	2 k	4 k	8 k
To the surrounding	43	45	53	49	34	32	28	<25	<25

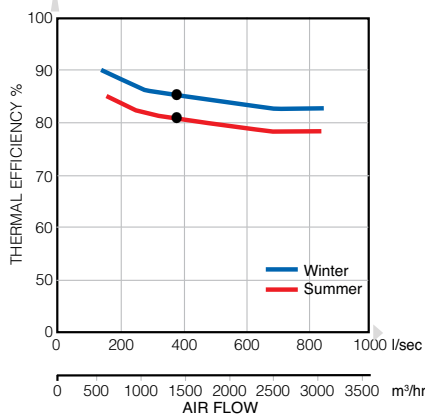
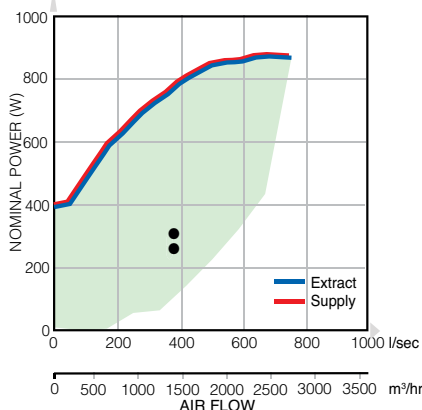
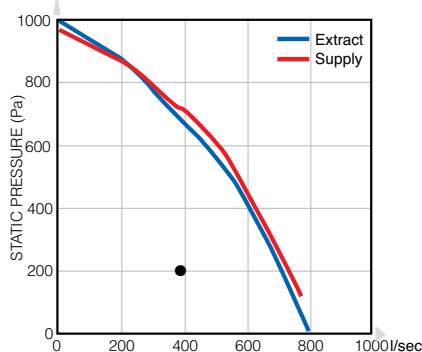
Sound pressure level is measured at 3m distance

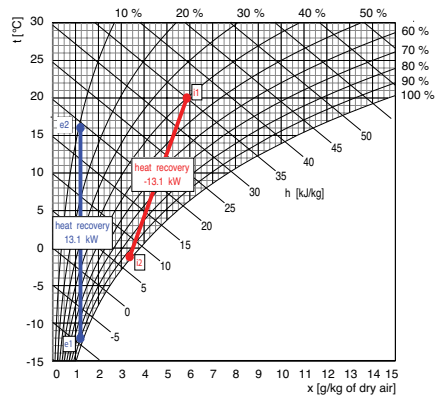
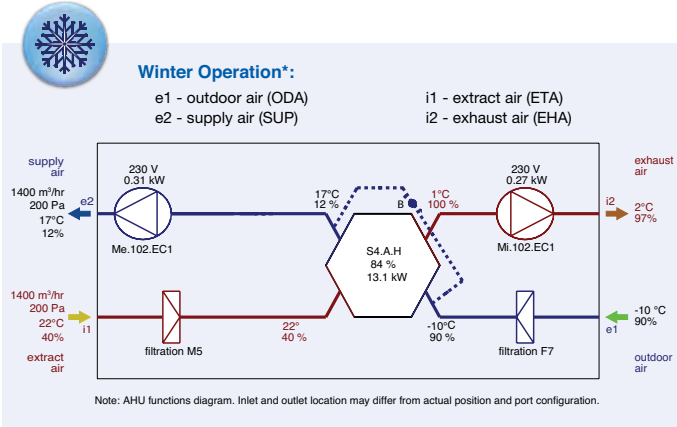
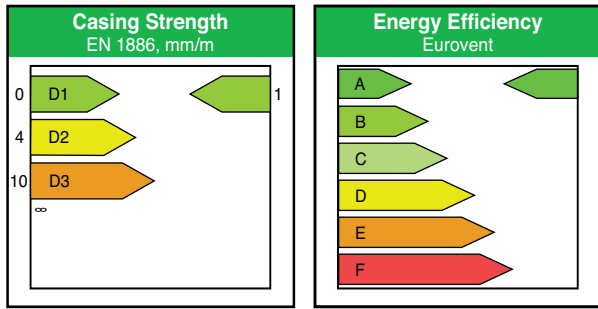
Ventilation		Supply Air	Extract Air
Maximum air volume @ 200 Pa	m <sup>3</sup> /hr / l/sec	2600 / 722	2600 / 722
Air volume @ 200 Pa*	m <sup>3</sup> /hr / l/sec	1400 / 389	1400 / 389
Nominal voltage	V	230	230
Voltage (at operation point)*	V	230	230
Nominal power (at operation point)*	W	305	271
Max connection power	W	870	870
Max current	A	4.5	4.5
Filters		F7	M5
Fan type		EC	EC

\* Note: ● The figures above have been measured at 1400 m<sup>3</sup>/hr and 200 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 <sup>3</sup> /hr / l/sec	2600 / 722	2600 / 722
Air volume @ 200 Pa*	m <sup>3</sup> /hr / l/sec	1400 / 389	1400 / 389
Temperature at inlet*	°C	-10	22
Temperature at outlet*	°C	17	1
Humidity at inlet*	%rh	90	40
Humidity at outlet*	%rh	12	100
Thermal efficiency in winter / summer	%	84 / 81	
Performance in winter / summer	kW	13.1 / -1.6	
Condensation	l/h	4.2	
Type of heat exchanger		Counter Flow, Plastic	
Part No.		90000069	

\* Note: ● The figures above have been measured at 1400 m<sup>3</sup>/hr and 200 Pa. Please use the Duplexvent Selection Software to calculate measurements at other performance levels.



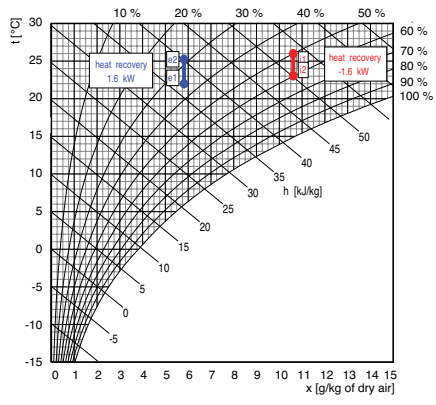
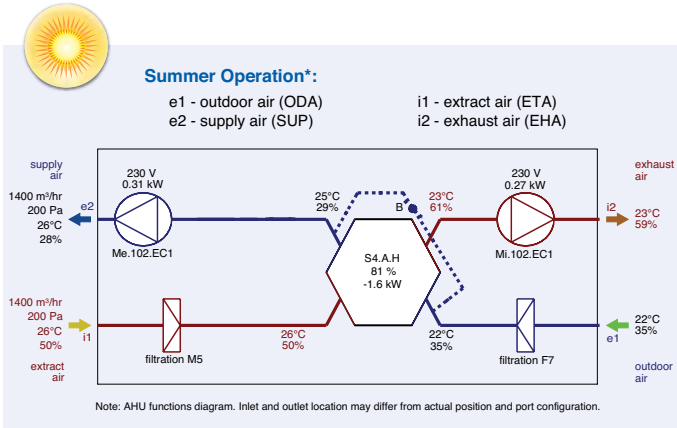


**Supply**

Description	t [°C]	rh [%]
e1 Outdoor Air	-10.0	90
e2 Supply Air	17.0	12

**Exhaust**

Description	t [°C]	rh [%]
i1 Extract Air	22.0	40
i2 Exhaust Air	1.0	100



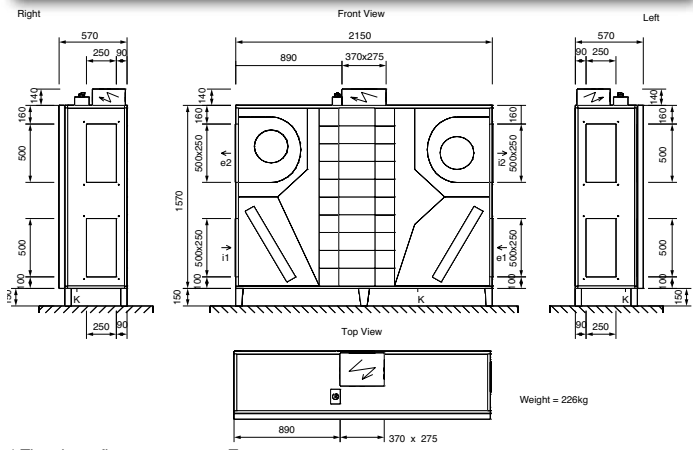
**Supply**

Description	t [°C]	rh [%]
e1 Outdoor Air	22.0	35
e2 Supply Air	25.0	29

**Exhaust**

Description	t [°C]	rh [%]
i1 Extract Air	26.0	50
i2 Exhaust Air	23.0	61

## Dimensions



Connections	Type	Diameter	Accessories
e1	Outdoor Air	500 x 250 mm	Shut-off Damper, Flexible Connector
e2	Supply Air	500 x 250 mm	Flexible Connector
i1	Extract Air	500 x 250 mm	Flexible Connector
i2	Exhaust Air	500 x 250 mm	Flexible Connector
K	Condensate Outlet	Ø 21 mm	Condensate Trap

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