

# TECHNICAL DATA

Specific energy consumption (SEC), kWh/(m <sup>2</sup> ·a)	Cold		Average		Warm	
	-75.1	A+	-35.6	A	-13.0	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Three-speed					
Type of heat recovery system	Regenerative					
Thermal efficiency of heat recovery, %	77					
Maximum flow rate, m <sup>3</sup> /h	25					
Electric power input, W	5					
Sound power level, dBA	38					
Reference flow rate, m <sup>3</sup> /s	0.004					
Reference pressure difference, Pa	0					
Specific power input (SPI), W/(m <sup>3</sup> /h)	0.180					
Control typology	Clock control					
Maximum internal leakage rates, %	2.7					
Maximum external leakage rates, %	0					
Mixing rate of bidirectional units, %	1					
Airflow sensitivity at +20 Pa and -20 Pa	0.40					
The indoor/outdoor air tightness, m <sup>3</sup> /h	0.5					
Internet address	<a href="http://www.ventilation-system.com/">http://www.ventilation-system.com/</a>					
Annual electricity consumption (AEC), kWh electricity/a	Cold	Average		Warm		
	230	230		230		
Annual heating saved (AHS), kWh primary energy/a	Cold	Average		Warm		
	8089	4135		1870		

Speed	1	2	3
Voltage [V/Hz]	100-240 / 50-60		
Power consumption [W]	1.00	2.10	4.30
Total current consumption [A]	0.017	0.025	0.041
Air flow [m <sup>3</sup> /h] (CFM)	15 (9)	30 (18)	50 (29)
Air flow in regeneration mode [m <sup>3</sup> /h] (CFM)	8 (4)	15 (9)	25 (15)
Power input [W/l/s]	0.48	0.50	0.62
RPM	915	1555	2330
Sound pressure level @ 1 m [dBA]	21	27	29
Sound pressure level @ 3 m [dBA]	12	18	20
Outdoor sound pressure attenuation [dBA] (Sones)	41 (2.5)		
Regeneration efficiency [%]	≤ 92		
Transported air temperature [°C] (Sones)	-15 ... +50 (5... +122)		
Filter	G3 (F8 optionally)		
F8 filter filtration rate PM2.5 [%]	99		
Air flow with F8 filter applied [m <sup>3</sup> /h]	40		

\* -30 °C (-22 oF) if S3 TwinFresh cartridge and EH-13 hood are applied

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IE IA

**VENTS** TwinFresh Easy  
RL7-50-17

38  
dB

25 m<sup>3</sup>/h

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## OVERALL DIMENSIONS

