

# Product data sheet - Pluggit GmbH

## Ventilation unit AR100 with local demand control

Ventilation unit AR100 incl. HACII and 2 VOC,  
CO<sub>2</sub> or humidity sensors installed in room

Supplier	Pluggit GmbH		
Model identifier	<b>AR100</b>		
SEC [kWh/(m <sup>2</sup> *a)] for each climate zone (cold, average, warm)	-79.7	-41.0	-16.2
SEC class	A+	<b>A</b>	E
Type	Domestic ventilation unit; bi-directional ventilation unit		
Type of drive	Multi-speed drive		
Type of heat recovery system	Recuperative		
Thermal efficiency of heat recovery [%]	86		
Maximum flow rate [m <sup>3</sup> /h]	120		
Electric power input of fan drive	90		
Sound power level (Lw(A))	44		
Reference airflow	0.023 [m <sup>3</sup> /s] 84 [m <sup>3</sup> /h]		
Reference pressure difference [Pa]	50		
SPI [W/m <sup>3</sup> /h]	0.36		
Ventilation control (clock control, no demand control)	0.95		
Internal and external leakage [%]	Internal: 0.8 External: 2.2		
Position/type of filter indicator/filter change frequency	Display; remote control/ flashing filter symbol/1x p.a.		
Website	www.pluggit.com		
Annual electricity consumption per 100 m <sup>2</sup> (AEC) [kWh/a] for each climate zone (cold, average, warm)	770	233	188
Annual heating energy savings (AHS) [kWh prim./a] for each climate zone (cold, average, warm)	90.2	46.1	20.8

