

# Product data sheet - Pluggit GmbH

## Ventilation unit AD160 with central demand control

Ventilation unit AD160 incl. APRF and/or APFF sensor

Supplier	Pluggit GmbH		
Model identifier	<b>AD160</b>		
SEC [kWh/(m <sup>2</sup> *a)] for each climate zone (cold, average, warm)	-80.8	-40.9	-15.3
SEC class	A+	<b>A</b>	E
Type	Domestic ventilation unit; bi-directional ventilation unit		
Type of drive	Variable speed drive		
Type of heat recovery system	Recuperative		
Thermal efficiency of heat recovery [%]	94.1		
Maximum flow rate [m <sup>3</sup> /h]	180		
Electric power input of fan drive	127		
Sound power level (Lw(A))	49		
Reference airflow	0.035 [m <sup>3</sup> /s] 126 [m <sup>3</sup> /h]		
Reference pressure difference [Pa]	50		
SPI [W/m <sup>3</sup> /h]	0.27		
Ventilation control (clock control, no demand control)	0.95		
Internal and external leakage [%]	Internal: 0.5 External: 0.7		
Position/type of filter indicator/filter change frequency	Comfort keypad; remote control/ flashing LED/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)	826	289	244
Annual heating energy savings (AHS) [kWh prim./a] for each climate zone (cold, average, warm)	92.7	47.4	21.4

