

# Product data sheet - Pluggit GmbH

## Ventilation unit AP190 with local demand control

Ventilation unit AP190 incl. HACII and 2 VOC,  
CO<sub>2</sub> or humidity sensors installed in room

Supplier	Pluggit GmbH		
Model identifier	<b>AP190</b>		
SEC [kWh/(m <sup>2</sup> *a)] for each climate zone (cold, average, warm)	-76.0	-41.9	-14.1
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 [%]	85.5		
Maximum flow rate [m <sup>3</sup> /h]	180		
Electric power input of fan drive	150		
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]	0.28		
Ventilation control (clock control, no demand control)	0.95		
Internal and external leakage [%]	Internal: 0.8 External: 1.7		
Position/type of filter indicator/filter change frequency	Membrane 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)	730	193	148
Annual heating energy savings (AHS) [kWh prim./a] for each climate zone (cold, average, warm)	90	46	20.8

