

Product Information Sheet

Delegated Regulation (EU) 1254/2014

Supplier name or trademark	Swegon Operations Belgium
Model identifier	GLOBAL LP 450 FW
Specific energy consumption (cold zone)	-78 kWh/(m² x a)
Specific energy consumption class (average zone)	A
Specific energy consumption (average zone)	-40 kWh/(m² x a)
Specific energy consumption (warm zone)	-16 kWh/(m² x a)
Typology	Bidirectional Ventilation Unit (BVU)
Type of drive	Variable speed drive
Type of heat recovery system	Recuperative
Thermal efficiency of heat recovery	81 %
Maximum flow rate	450 m³/h
Electric power input of the fan drive	291 W
Sound power level	59 dB
Reference flow rate	0.088 m³/s
Reference pressure difference	50 Pa
Specific Power Input	0.36 W/(m³/h)
Control factor	0.65
Control typology	Local demand control
Maximum internal leakage rates	2 %
Maximum external leakage rates	5 %
Position of visual filter warning	On TACTouch touchscreen controller wired to unit main board
Description of visual filter warning	Red lighted indication on main board and alarm text indication on TACTouch screen. A regular filter change will improve performance and energy efficiency of the unit during its lifetime
Pre-/dis-assembly instructions URL	www.swegon.com
Annual Electricity Consumption	233 kWh electricity/annum
Annual Heating Saved at cold climate	8808 kWh primary energy/annum
Annual Heating Saved at average climate	4502 kWh primary energy/annum
Annual Heating Saved at warm climate	2036 kWh primary energy/annum