

Swegon CASA

Air handling unit overview

Technical data

Brochures and technical documents
Swegon.com/casa



ProCASA®

Energy calculation and functional diagram
procasa.swegon.com



MagiCAD

DFX-files and MagiCAD-plugins
magicloud.com



- Standard equipment
- Available
- Not available

	W3xs	W4xs	W5	W9	R2 Nordic	R3	R4-C	R5	R5-H EL	R7 EL	R7-H EL	R9	R9-H	R15	R15-H
Airflow range	36-288 m³/h	36-349 m³/h	108-468 m³/h	180-846 m³/h	65-216 m³/h	90-295 m³/h	72-331 m³/h	108-421 m³/h	108-439 m³/h	216-677 m³/h	216-749 m³/h	270-871 m³/h	270-997 m³/h	360-1710 m³/h	360-1980 m³/h
Apartment size	< 150 m²	< 200 m²	< 250 m²	< 450 m²	< 140 m²	< 150 m²	< 170 m²	< 240 m²	< 250 m²	< 450 m²	< 450 m²	< 500 m²	< 500 m²	< 850 m²	< 1000 m²
Heat exchanger	Counterflow	Counterflow	Counterflow	Counterflow	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Cooling recovery	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Filter class	ISO ePM1 50% (F7) and ISO coarse (G3)	ISO ePM1 50% (F7) and ISO coarse (G3)	ISO ePM1 50% (F7) and ISO coarse (G3) + metal filter	ISO ePM1 50% (F7) and ISO coarse (G3)	ISO ePM1 55% (F7) 2 st.	ISO ePM1 55% (F7) 2 st.	ISO ePM1 50% (F7) 2 st.	ISO ePM1 55% (F7) 2st. and ISO coarse (G3)	ISO ePM1 50% (F7) 2 st.	ISO ePM1 50% (F7) 2 st.	ISO ePM1 50% (F7) 2 st.	ISO ePM1 50% (F7) 2 st.	ISO ePM1 50% (F7) 2 st.	ISO ePM1 50% (F7) 2 st.	ISO ePM1 50% (F7) 2 st.
Control system	Genius	Genius	Genius	Smart	Genius	Genius	Genius	Genius	Smart	Genius	Genius	Genius	Genius	Genius	Genius
Humidity function (RH)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Auto home / away / boost (CO2)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Air quality function (VOC)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Compensation functions	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Control panel	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Remote control system	Configurable I/O or Modbus	Configurable I/O or Modbus	Configurable I/O or Modbus	Configurable I/O or Modbus	Configurable I/O or Modbus	Configurable I/O or Modbus	Configurable I/O or Modbus	Configurable I/O or Modbus	Configurable I/O or Modbus	Configurable I/O or Modbus	Configurable I/O or Modbus	Configurable I/O or Modbus	Configurable I/O or Modbus	Configurable I/O or Modbus	Configurable I/O or Modbus
Fans	220 W	220 W	230 W	1020 W	240 W	220 W	170 W	230 W	234 W	340 W	340 W	340 W	340 W	1000 W	1000 W
Connection power	1240 W	1240 W	2250 W	1780/2680 W	640 W 940 W	240 W / 740 W (264/764 W with Jazz cooker hood)	690 W	240/1040 W	259 W 959 W	360 W 1760 W	360 W 1760 W	360 W	360 W	1020 W	1020 W
Power connection	230 V, 50 Hz, 10 A	230 V, 50 Hz, 10 A	230 V, 50 Hz, 10 A	230 V, 50 Hz, 16 A	230V, 50 Hz, 10 A	230 V, 50 Hz, 10 A	230 V, 50 Hz, 10 A	230 V, 50 Hz, 10 A	230 V, 50 Hz, 10 A	230 V, 50 Hz, 10 A	230 V, 50 Hz, 10 A	230 V, 50 Hz, 10 A	230 V, 50 Hz, 10 A	230 V, 50 Hz, 10 A	230 V, 50 Hz, 10 A
Internal Electric preheater	● 1000 W	● 1000 W	● 1500 W	● 750 W	—	—	—	—	—	—	—	—	—	—	—
External electric preheater (duct mounted)	○	○	○	○	○	○	○	○	○	○ 1200/2000 W	○ 1200/2000 W	○ 1200/2000 W	○ 1200/2000 W	○ 1200/2000/3000/4500 W	○ 1200/2000/3000/4500 W
Internal Electric reheater	● 500 W	● 500 W	● 500 W	● 900 W	400 ● 700 W	○ 500 W	● 500 W	○ 800 W	- ● 700 W	- ● 1400 W	- ● 1400 W	—	—	—	—
External electric reheater (duct mounted)	○	○	○	○	○	○	○	○	○ 900/1200 W	○ 1200 W	○ 1200 W	○ 1200/2000 W	○ 1200/2000 W	○ 1200/2000/3000/4500 W	○ 1200/2000/3000/4500 W
External water coil for reheating/coolingavailable (duct mounted)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Passive cooling with automatic summer bypass	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wall installation	○	○	●	—	●	●	●	●	○	—	—	—	—	—	—
Ceiling installation	○	○	○	—	—	○	●	○	—	—	—	—	—	—	—
Floor installation	—	—	○	●	●	●	—	●	●	●	●	●	●	●	●
Attic installation / cold space	—	—	—	—	—	—	—	—	●	●	●	●	●	●	●
Condensation drain	●	●	●	●	—	●	—	●	—	—	—	—	—	—	—
Separate connection for the cooker hood	●	●	—	—	—	●	●	●	—	—	—	—	—	—	—
Can be integrated with kitchen-hood Ø125	—	—	—	—	●	●	—	—	—	—	—	—	—	—	—
Inspection side	R(L)	R(L)	R(L)	R(L)	R(L)	R(L)	R(L)	R(L)	L/R	L	L/R	L	L/R	L	L/R
Dimensions															