

# Product fiche

Delegated Regulation (EU) 1254/2014

|                                                  |                                                                                                                                                                                                                        |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supplier name or trademark                       | <b>SWEGON</b>                                                                                                                                                                                                          |
| Model identifier                                 | <b>MURAL PX 450 FW</b>                                                                                                                                                                                                 |
| Specific energy consumption (cold zone)          | <b>-78,0 kWh/(m<sup>2</sup> x a)</b>                                                                                                                                                                                   |
| Specific energy consumption class (average zone) | <b>A</b>                                                                                                                                                                                                               |
| Specific energy consumption (average zone)       | <b>-40,0 kWh/(m<sup>2</sup> x a)</b>                                                                                                                                                                                   |
| Specific energy consumption (warm zone)          | <b>-16,0 kWh/(m<sup>2</sup> x a)</b>                                                                                                                                                                                   |
| Typology                                         | <b>Bidirectional Ventilation Unit (BVU)</b>                                                                                                                                                                            |
| Type of drive                                    | <b>Variable speed drive</b>                                                                                                                                                                                            |
| Type of heat recovery system                     | <b>Recuperative</b>                                                                                                                                                                                                    |
| Thermal efficiency of heat recovery              | <b>81,0 %</b>                                                                                                                                                                                                          |
| Maximum flow rate                                | <b>450 m<sup>3</sup>/h</b>                                                                                                                                                                                             |
| Electric power input of the fan drive            | <b>266,0 W</b>                                                                                                                                                                                                         |
| Sound power level                                | <b>58 dB</b>                                                                                                                                                                                                           |
| Reference flow rate                              | <b>0,088 m<sup>3</sup>/s</b>                                                                                                                                                                                           |
| Reference pressure difference                    | <b>50 Pa</b>                                                                                                                                                                                                           |
| Specific Power Input                             | <b>0,33 W/(m<sup>3</sup>/h)</b>                                                                                                                                                                                        |
| Control factor                                   | <b>0,65</b>                                                                                                                                                                                                            |
| Control typology                                 | <b>Local demand control - 0,65</b>                                                                                                                                                                                     |
| Maximum internal leakage rates                   | <b>5,0 %</b>                                                                                                                                                                                                           |
| Maximum external leakage rates                   | <b>5,0 %</b>                                                                                                                                                                                                           |
| Position of visual filter warning                | <b>On TACTouch touchscreen controller wired to unit main board and on main board screen</b>                                                                                                                            |
| Description of visual filter warning             | <b>Red lighted indication on main board and alarm text indication on TACTouch screen and main board screen. A regular filter change will improve performance and energy efficiency of the unit during its lifetime</b> |
| Pre-/dis-assembly instructions URL               | <b><a href="https://www.swegon.com/">https://www.swegon.com/</a></b>                                                                                                                                                   |
| Annual Electricity Consumption                   | <b>220,0 kWh electricity/annum</b>                                                                                                                                                                                     |
| Annual Heating Saved at cold climate             | <b>8 808,0 kWh primary energy/annum</b>                                                                                                                                                                                |
| Annual Heating Saved at average climate          | <b>4 502,0 kWh primary energy/annum</b>                                                                                                                                                                                |
| Annual Heating Saved at warm climate             | <b>2 036,0 kWh primary energy/annum</b>                                                                                                                                                                                |