Product fiche

Delegated Regulation (EU) 1254/2014

Supplier name or trademark	**Zehnder Group**
Model identifier	**ComfoAir Q450 (LDC)**
Specific energy consumption (cold zone)	**-84,8 kWh/(m² x a)**
Specific energy consumption class (average zone)	**A+**
Specific energy consumption (average zone)	**-44,7 kWh/(m² x a)**
Specific energy consumption (warm zone)	**-19,1 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	**93,0 %**
Maximum flow rate	**450 m³/h**
Electric power input of the fan drive	**245,0 W**
Sound power level	**45 dB**
Reference flow rate	**0,088 m³/s**
Reference pressure difference	**50 Pa**
Specific Power Input	**0,18 W/(m³/h)**
Control factor	**0,65**
Control typology	**Local demand control - 0,65**
Maximum internal leakage rates	**0,6 %**
Maximum external leakage rates	**1,1 %**
Position of visual filter warning	**Warnung auf dem Display der A nlage oder dem Raum-Controller**
Description of visual filter warning	**Warnung auf dem Display der A nlage oder dem Raum-Controller**
Pre-/dis-assembly instructions URL	**https://www.zehnder-systems.de**
Annual Electricity Consumption	**140,3 kWh electricity/annum**
Annual Heating Saved at cold climate	**9 303,0 kWh primary energy/annum**
Annual Heating Saved at average climate	**4 755,5 kWh primary energy/annum**
Annual Heating Saved at warm climate	**2 150,4 kWh primary energy/annum**