

# Product fiche

Delegated Regulation (EU) 1254/2014

Supplier name or trademark	<b>aerauliqa</b>
Model identifier	<b>QUANTUM HR 150</b>
Specific energy consumption (cold zone)	<b>-76,4 kWh/(m<sup>2</sup> x a)</b>
Specific energy consumption class (average zone)	<b>A</b>
Specific energy consumption (average zone)	<b>-38,2 kWh/(m<sup>2</sup> x a)</b>
Specific energy consumption (warm zone)	<b>-16,2 kWh/(m<sup>2</sup> x a)</b>
Typology	<b>Bidirectional Ventilation Unit (BVU)</b>
Type of drive	<b>Multi-speed drive</b>
Type of heat recovery system	<b>Recuperative</b>
Thermal efficiency of heat recovery	<b>74,0 %</b>
Maximum flow rate	<b>60 m<sup>3</sup>/h</b>
Electric power input of the fan drive	<b>3,8 W</b>
Sound power level	<b>38 dB</b>
Reference flow rate	<b>0,010 m<sup>3</sup>/s</b>
Reference pressure difference	<b>10 Pa</b>
Specific Power Input	<b>0,05 W/(m<sup>3</sup>/h)</b>
Control factor	<b>1,0</b>
Control typology	<b>Manual control (no DCV) - 1</b>
Maximum internal leakage rates	<b>1,0 %</b>
Maximum external leakage rates	<b>1,0 %</b>
Position of visual filter warning	<b>-</b>
Description of visual filter warning	<b>-</b>
Pre-/dis-assembly instructions URL	<b><a href="https://www.aerauliqa.com/prodotti/quantum-hr/">https://www.aerauliqa.com/prodotti/quantum-hr/</a></b>
Airflow sensitivity to pressure variations at + 20 Pa and - 20 Pa	<b>- %</b>
Indoor/Outdoor air tightness	<b>60,0 m<sup>3</sup>/h</b>
Annual Electricity Consumption	<b>0,7 kWh electricity/annum</b>
Annual Heating Saved at cold climate	<b>78,2 kWh primary energy/annum</b>
Annual Heating Saved at average climate	<b>40,0 kWh primary energy/annum</b>
Annual Heating Saved at warm climate	<b>18,1 kWh primary energy/annum</b>