

Basic unit	
Trade name	Ensy
Product name	Wave AHU-200 H/KH AHU-200 V/KV
ErP compliance	2018
Unit category	RVU
Unit type	BVU
Drive	Variable speed
Heat recovery type	Regenerative
Thermal efficiency	88 %
q_{Vd} max	244 m ³ /h
P_{tU}	100 Pa
$P_{el,max}$	212 W
Sound power level L_{wa}	45 dB(A)
q_v ref	171 m ³ /h
P_{tU} ref	50 Pa
Max external and Internal Leakage. Overpressure 250 Pa	0.82 %
Max external and Internal Leakage. Underpressure 250 Pa	0.87 %
Annual operation hours t_a	8760 h/a
Primary energy factor pef	2,5
Net ventilation rate q_{net}	1,3 m ³ /hm ²
MISC (ducted)	1,1
CTRL (local demand)	0,65
X value. Motor drive characteristic (Variable speed)	2
SPI Specific power input	0,38 W/m ³ /h
Total hours heating season t_h Average	5112 h/a
Total hours heating season t_h Cold	6552 h/a
Total hours heating season t_h Warm	4392 h/a
Average temperature difference ΔT_h Average	9,5 K
Average temperature difference ΔT_h Cold	14,5 K
Average temperature difference ΔT_h Warm	5 K
Thermal efficiency η_h	0,75
Specific heat capacity C_{air}	0,000344 kWh/m ³ K
Reference natural ventilation rate q_{ref}	2,2 m ³ /hm ²
Thermal efficiency of HRS η_t	0,88