

Basic unit		
Trade name	Ensy	
Product name	Wave AHU-300HH AHU-300HV	
ErP compliance	2018	
Unit category	RVU	
Unit type	BVU	
Drive	Variable speed	
Heat recovery type	Regenerative	
Thermal efficiency	87	%
q_{Vd} max	215	m ³ /h
P_{tU}	100	Pa
$P_{el,max}$	211	W
Sound power level L_{wa}	46	dB(A)
q_v ref	151	m ³ /h
P_{tU} ref	50	Pa
Max external and Internal Leakage. Overpressure 250 Pa	4.53	%
Max external and Internal Leakage. Underpressure 250 Pa	4.57	%
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	0,46	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	0,87	