

| Basic unit | | |
|---------------------------------------------------------|----------------------------------|---------------------------------|
| Trade name | Ensy | |
| Product name | AHU-400 BH AHU-400 BV | |
| ErP compliance | 2018 | |
| Unit category | RVU | |
| Unit type | BVU | |
| Drive | Variable speed | |
| Heat recovery type | Regenerative | |
| Thermal efficiency of HRS | 81 | % |
| q Vd max | 470 | m ³ /h |
| P tU | 100 | Pa |
| P _{el,max} | 340 | W |
| Sound power level L_{wa} | 40 | dB(A) |
| q v ref | 329 | m ³ /h |
| P tU ref | 50 | Pa |
| Max external and Internal Leakage. Overpressure 250 Pa | 1,5 | % |
| Max external and Internal Leakage. Underpressure 250 Pa | 1,6 | % |
| 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 (measurement) | 0,00043 | kW/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 ³ |
| Thermal efficiency of HRS η_t | 0,81 | |

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|-------------------------------------------------------------------|--------------|----------------------|
| Defrosting period t_{defr} Average | 168 | h/a |
| Defrosting period t_{defr} Cold | 1003 | h/a |
| Defrosting period t_{defr} Warm | 0 | h/a |
| Average temperature difference defrost ΔT_{defr} Average | 2,4 | K |
| Average temperature difference defrost ΔT_{defr} Cold | 5,2 | K |
| Average temperature difference defrost ΔT_{defr} Warm | 0 | K |
| AEC average. Annual electrical consumption per 100 m ² | 228 | kWh/a |
| AEC cold | 228 | kWh/a |
| AEC warm | 228 | kWh/a |
| AHS Average. Annual heating saved per m ² | 45,0 | kWh/a |
| AHS Cold | 88,0 | kWh/a |
| AHS Warm | 20,3 | kWh/a |
| SEC Average. Specific energy consumption | -39,3 | kWh/m ² a |
| SEC Cold | -82,3 | kWh/m ² a |
| SEC Warm | -14,6 | kWh/m ² a |
| Efficiency Class | A | |