

ECODESIGN INFORMATION

Applies to non-residential ventilation units (NRVU)

According to Regulation EU No 1253/2014 of the European Commission, implementing Directive 2009/125/CE of European Parliament

SODECA, S.L.U.

www.sodeca.com

b) Model
c) Typology
d) Drive type
e) HRS type
f) Thermal efficiency of heat recovery (%)
g) Nominal flowrate
h) Effective electric power input
i) SFPint
j) Face velocity at design flow rate
k) Nominal external pressure
l) Internal pressure drop of ventilation components
m) Internal pressure drop of non-ventilation components
n) Static efficiency of fans according to (EU) 327/2011
o1) Max. internal leakage rate
o2) Max. external leakage rate
p) Energy performance of the filters
q) Visual filter warning
r) LWA radiated

| b) | c) | d) | e) | f) | g) | h) | i) | j) | k) | l) | m) | n) | o1) | o2) | p) | q) | r) | ERP |
|---------------------|------------|----------------|--------------|------|-------|-------|--------|------|------|-----|----|------|-----|-----|----|------------|-----|------|
| | | | | % | m³/s | kW | W/m³/s | m/s | Pa | Pa | Pa | % | % | % | | | dBA | |
| REB/EC-V-1500 F6+F8 | NRVU / BVU | Variable speed | Recuperative | 75 | 0.316 | 0.886 | 874 | 1.37 | 397 | 367 | | 71.7 | 1.4 | 1.9 | | See manual | 62 | 2018 |
| REB/EC-V-2000 F6+F8 | NRVU / BVU | Variable speed | Recuperative | 75.5 | 0.401 | 0.948 | 503 | 1.04 | 440 | 278 | | 67.4 | 1.6 | 2.1 | | See manual | 61 | 2018 |
| REB/EC-V-2300 F6+F8 | NRVU / BVU | Variable speed | Recuperative | 75.2 | 0.452 | 1.487 | 618 | 1.17 | 589 | 407 | | 69.6 | 1.7 | 2.2 | | See manual | 66 | 2018 |
| REB/EC-V-2800 F6+F8 | NRVU / BVU | Variable speed | Recuperative | 74.8 | 0.515 | 2.255 | 926 | 1.33 | 641 | 451 | | 69.5 | 1.9 | 2.6 | | See manual | 68 | 2018 |
| REB/EC-V-3800 F6+F8 | NRVU / BVU | Variable speed | Recuperative | 75.1 | 0.735 | 2.497 | 648 | 1.27 | 628 | 387 | | 67.0 | 1.8 | 2.5 | | See manual | 67 | 2018 |
| REB/EC-V-4500 F6+F8 | NRVU / BVU | Variable speed | Recuperative | 74.6 | 0.899 | 2.535 | 824 | 1.56 | 529 | 391 | | 77.9 | 2.4 | 2.9 | | See manual | 65 | 2018 |
| REB/EC-V-5500 F6+F8 | NRVU / BVU | Variable speed | Recuperative | 74.9 | 1.064 | 4.796 | 734 | 1.44 | 864 | 537 | | 70.4 | 2.3 | 2.9 | | See manual | 71 | 2018 |
| REB/EC-V-6500 F6+F8 | NRVU / BVU | Variable speed | Recuperative | 74.7 | 1.157 | 6.258 | 825 | 1.57 | 1133 | 561 | | 68.3 | 2 | 2.8 | | See manual | 74 | 2018 |
| REB/EC-V-8000 F6+F8 | NRVU / BVU | Variable speed | Recuperative | 74.8 | 1.447 | 6.135 | 786 | 1.52 | 856 | 422 | | 70.8 | 2.4 | 2.8 | | See manual | 73 | 2018 |
| REB/EC-V-1500 F7+F9 | NRVU / BVU | Variable speed | Recuperative | 74.9 | 0.331 | 0.899 | 955 | 1.43 | 350 | 407 | | 71.7 | 1.4 | 1.9 | | See manual | 61 | 2018 |
| REB/EC-V-2000 F7+F9 | NRVU / BVU | Variable speed | Recuperative | 74.6 | 0.567 | 0.974 | 913 | 1.46 | 88 | 457 | | 67.4 | 1.6 | 2.1 | | See manual | 60 | 2018 |
| REB/EC-V-2300 F7+F9 | NRVU / BVU | Variable speed | Recuperative | 74.6 | 0.574 | 1.568 | 906 | 1.48 | 300 | 586 | | 69.6 | 1.7 | 2.2 | | See manual | 65 | 2018 |
| REB/EC-V-2800 F7+F9 | NRVU / BVU | Variable speed | Recuperative | 74.9 | 0.504 | 2.240 | 927 | 1.30 | 645 | 450 | | 69.5 | 1.9 | 2.6 | | See manual | 68 | 2018 |
| REB/EC-V-3800 F7+F9 | NRVU / BVU | Variable speed | Recuperative | 74.7 | 0.882 | 2.580 | 863 | 1.53 | 423 | 509 | | 67.0 | 1.8 | 2.5 | | See manual | 67 | 2018 |
| REB/EC-V-4500 F7+F9 | NRVU / BVU | Variable speed | Recuperative | 74.6 | 0.907 | 2.541 | 857 | 1.57 | 507 | 410 | | 77.9 | 2.4 | 2.9 | | See manual | 65 | 2018 |
| REB/EC-V-5500 F7+F9 | NRVU / BVU | Variable speed | Recuperative | 74.7 | 1.140 | 4.877 | 830 | 1.54 | 762 | 606 | | 70.4 | 2.3 | 2.9 | | See manual | 71 | 2018 |
| REB/EC-V-6500 F7+F9 | NRVU / BVU | Variable speed | Recuperative | 74.7 | 1.136 | 6.227 | 830 | 1.54 | 1140 | 563 | | 68.3 | 2 | 2.8 | | See manual | 74 | 2018 |
| REB/EC-V-8000 F7+F9 | NRVU / BVU | Variable speed | Recuperative | 74.8 | 1.414 | 6.093 | 788 | 1.48 | 860 | 425 | | 70.8 | 2.4 | 2.8 | | See manual | 73 | 2018 |
| REB/EC-H-1500 F6+F8 | NRVU / BVU | Variable speed | Recuperative | 75 | 0.316 | 0.886 | 874 | 1.37 | 397 | 367 | | 71.7 | 1.4 | 1.9 | | See manual | 62 | 2018 |
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| REB/EC-H-6500 F6+F8 | NRVU / BVU | Variable speed | Recuperative | 74.7 | 1.157 | 6.258 | 825 | 1.57 | 1133 | 561 | | 68.3 | 2 | 2.8 | | See manual | 74 | 2018 |
| REB/EC-H-8000 F6+F8 | NRVU / BVU | Variable speed | Recuperative | 74.8 | 1.447 | 6.135 | 786 | 1.52 | 856 | 422 | | 70.8 | 2.4 | 2.8 | | See manual | 73 | 2018 |
| REB/EC-H-1500 F7+F9 | NRVU / BVU | Variable speed | Recuperative | 74.9 | 0.331 | 0.899 | 955 | 1.43 | 350 | 407 | | 71.7 | 1.4 | 1.9 | | See manual | 61 | 2018 |
| REB/EC-H-2000 F7+F9 | NRVU / BVU | Variable speed | Recuperative | 74.6 | 0.567 | 0.974 | 913 | 1.46 | 88 | 457 | | 67.4 | 1.6 | 2.1 | | See manual | 60 | 2018 |
| REB/EC-H-2300 F7+F9 | NRVU / BVU | Variable speed | Recuperative | 74.6 | 0.574 | 1.568 | 906 | 1.48 | 300 | 586 | | 69.6 | 1.7 | 2.2 | | See manual | 65 | 2018 |
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| REB/EC-H-8000 F7+F9 | NRVU / BVU | Variable speed | Recuperative | 74.8 | 1.414 | 6.093 | 788 | 1.48 | 860 | 425 | | 70.8 | 2.4 | 2.8 | | See manual | 73 | 2018 |