

eCO PREMIUM™

PRODUCT INFORMATION IN ACCORDANCE WITH COMMISSION REGULATION
(EU) NO 1253/2014 ANNEX V AS REFERRED TO IN ARTICLE 4 (2)

1.
 - (a) Manufactures name or trademark:
FläkGroup. The trademark is found on all documentation as well as on the label fixed to the product.
 - (b) Manufacturer's model identifier:
eCO Premium, REDA
 - (c) Declared typology in accordance with Article 2:
Please refer to the specific Acon technical printout for the relevant unit. The sketch illustrates the typology.
 - (d) Type of drive installed or intended to be installed:
A Variable speed drive is factory fitted or will be fitted by others on site unless otherwise indicated.
 - (e) Type of HRS:
Counterflow plate heat exchanger.
 - (f) Thermal efficiency of heat recovery:
Please refer to the Acon technical printout. The dry thermal efficiency is available in Acon.
 - (g) Nominal NRVU flow rate in m^3/s :
Please refer to the Acon technical printout. eCO Premium Units are considered to be configured for each specific case. The nominal airflow rate is the airflow rate for which the unit has been dimensioned. The airflow rate is provided in the summary of the technical data.
 - (h) Effective electric power input (kW):
Please refer to the Acon technical printout. The input power is clearly listed in the technical details for the fan(s). The input power includes losses in the speed controller.
 - (i) SFPint in $\text{W}/(\text{m}^3/\text{s})$:
Our selection program Acon calculates the value of SFPint and issues a warning if the selected unit is not compliant. The actual value and the limiting values are available in the 'Unit information' dialogue.
 - (j) Face velocity in m/s at design flow rate:
Refer to the Acon technical printout. The face velocity is clearly listed under the technical details for the filter section.
 - (k) Nominal external pressure ($\Delta p_{s,\text{ext}}$) in Pa:
Please refer to the Acon technical printout. eCO Premium Units are considered to be configured for each specific case. The nominal external pressure is the pressure for which the unit has been dimensioned. The nominal external pressure is provided in the summary of the technical data.
 - (l) Internal pressure drop of ventilation components ($\Delta p_{s,\text{int}}$) in Pa:
The pressure drops used in the calculation are available in Acon in the form of a report table.
 - (m) Internal pressure drop of non-ventilation components ($\Delta p_{s,\text{add}}$) in Pa:
Please refer to the Acon technical printout. The total pressure drop is provided under the technical data for the fans.
 - (n) Fan efficiency:
The efficiency calculation includes the total pressure drop of all internal components, the external static pressure rise, system effects and losses in motor and drive system in compliance with the regulation and is available in Acon.
 - (o) Declared maximum external leakage:
eCO Premium units are Eurovent certified with leakage class L2. Declared maximum internal leakage: Please refer to the technical printout for declared maximum internal leakage rate (%).
 - (p) Energy performance:
Please refer to the technical printout. The energy performance class of the unit is marked on the printout in accordance with Eurovent requirements.
 - (q) Description of visual filter warning for NRVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit:
A range of manometers are available as accessories. In units fitted with controls a pressure switch is fitted and the control system issues warnings when the filter reaches the preset pressure drop.
 - (r) Casing sound power level (L_{wa}):
Please refer to the technical printout.
 - (s) Internet address for disassembly instructions:
<http://www.flaktgroup.com>
2.

The above details are provided in the technical documentation issued with the commercial offer for the eCO Premium unit.