

COMFORT QUALITY PERFORMANCE

**Tender Specifications
Ego Insert (core)**

Decentralized ventilation unit with heat recovery

Type ego insert (core)

Highly efficient decentralized (room-by-room) single room ventilation unit with heat recovery based on the principle of the reversing air flow (regenerator) and the possibility of generating an exhaust air volume flow without heat recovery as required. Installation in round duct with Ø 160 mm.

Contains ceramic storage element, EPP foam housing, thermal insulation, inner panel, two G3 filters and two EC reversing motors.

With general building inspectorate approval
DiBt: Z-51.3-381

Technical specifications:

- Degree of heat provision: 84% (DiBt certified)
- Volume flow per device: 5 to 20 m³ / h,
and 45 m³ / h exhaust air operation
- Power supply 12 VDC SELV
- Degree of protection IP 22
- Power consumption 1.0 to 4.5 W.
as well as 4.9 W in exhaust air mode
- Measuring surface sound pressure level 16.8 to 38.1 dB (A)

Corresponds to EU Regulation No. 1254/2014 energy efficiency class A.

Dimensions in mm (H x W x D):
Minimum installation length: 300
Maximum pipe length: 700
Inner panel: 237 x 217 x 63

Make: LUNOS
Type: ego insert
Order no .: 040 112