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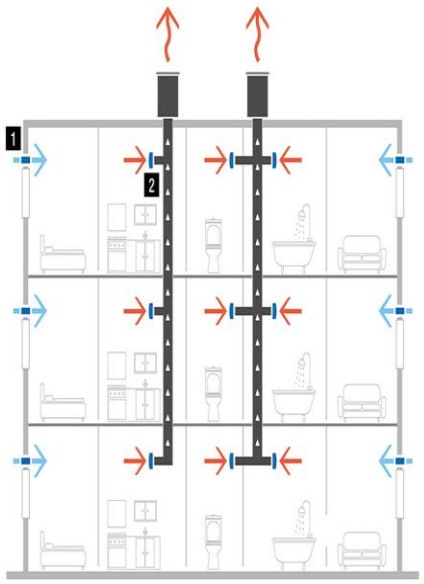
AERECO. VENTILATIE CONTROLATA

Prezentare: **SISTEME REZIDENȚIALE ȘI TERȚIARE DE VENTILAȚIE CONTROLATĂ**

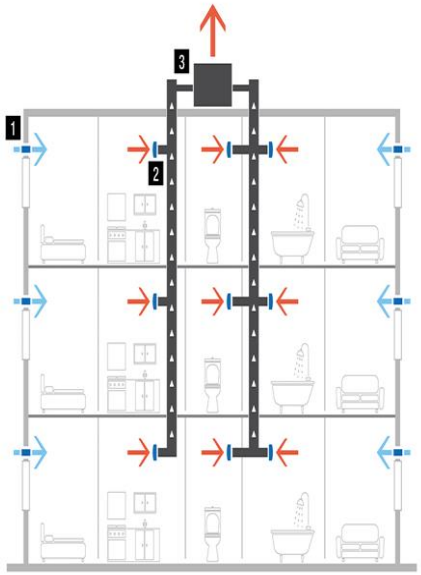
Eveniment: A XI-a Conferinta Nationala AAECR, Bucuresti 12.05.2017

SISTEME DE VENTILATIE HIGROREGLABILA

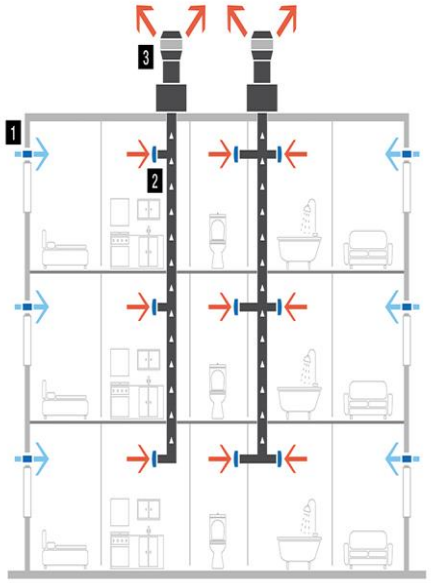
- tiraj natural



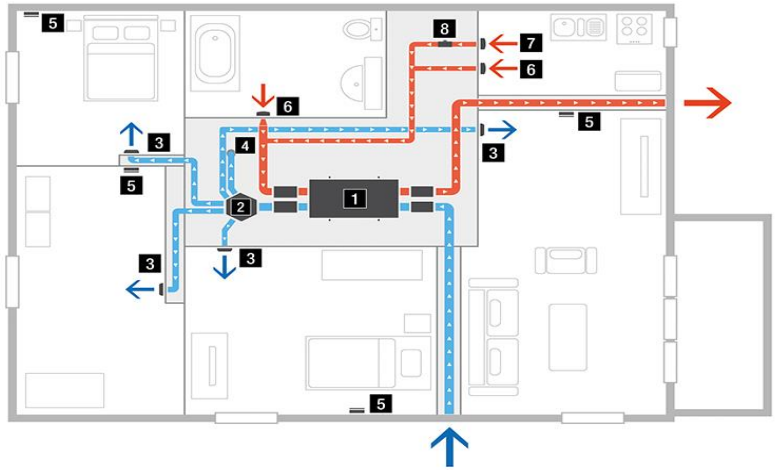
- mecanic, simplu flux



- hibrid, simplu flux



- recuperarea caldurii



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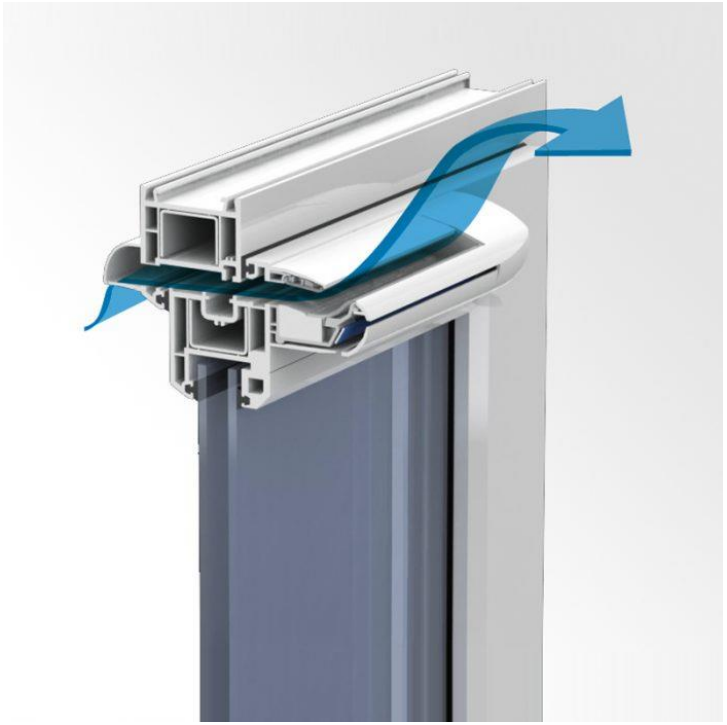
APORT AER PROASPAT



- Fereastra (EMM sau EAR / EHA2) -

- Perete (EHT) -

- Rulou (EAH / EHP) NOU -

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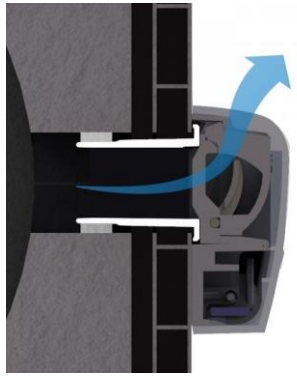
APORT AER PROASPAT

EAH / EHP MONTAJ PE CASETA RULOURILOR



• montaj pe caseta rulourilor dar si pe profilele de adaos / inaltatoare de toc

• accesoriu pentru evitarea infiltrarii laterale a aerului

• garnitura adeziva care permite o buna etansare intre suprafata de asezare a grilei si cea a casetei ruloului

• posibilitate de blocare manuala a clapetei pe pozitia inchis, respective deschis

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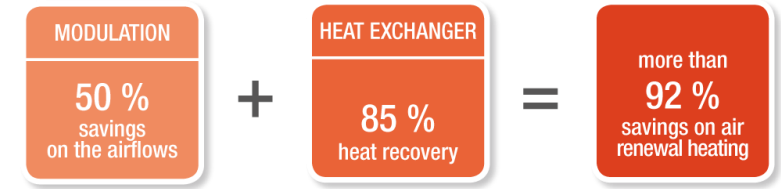
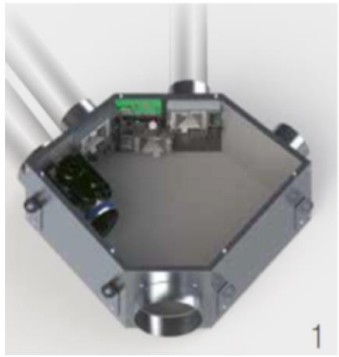
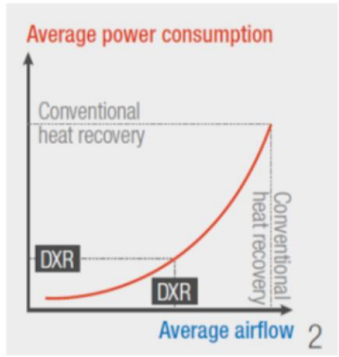
REZIDENTIAL

DXR 170mc/h - Sistem de ventilatie controlata dublu flux, cu Recuperarea Caldurii





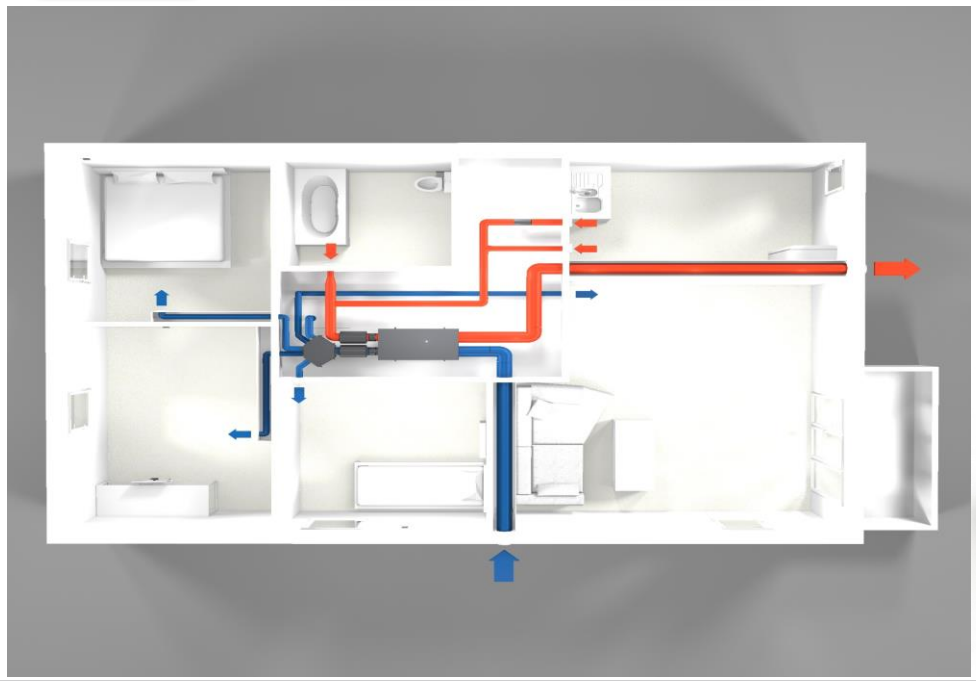


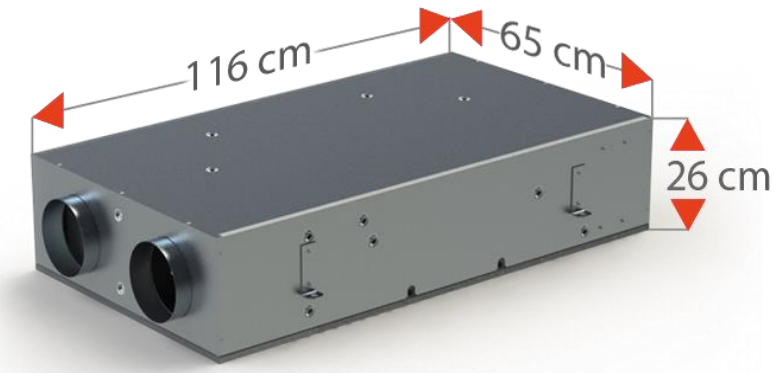
25Pa introducere aer

60Pa evacuare aer viciat

30W la 112mch, 42W la 160mc/h

Masa: 40kg





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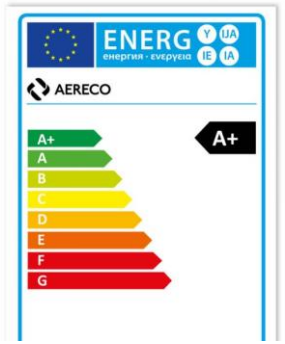
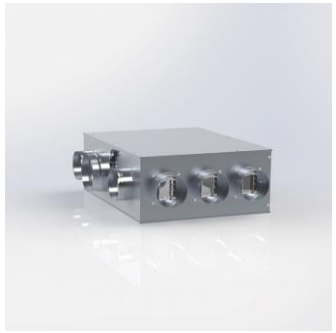
REZIDENTIAL

DXA 230mc/h - sistem mural de ventilatie controlata dublu flux, cu Recuperarea Caldurii

EU Ecodesign Label:
A+



DX HUB distributie activa a debitelor de aer repartizate camerelor principale



DXA Unit

32W la 161 m3/h @50 Pa
71W la 230 m3/h @50 Pa

Masa: **16kg**

Senzori CO2 sau detectie prezenta, camere principale
Grile higroreglabile, camere secundare

EPP, materialul principal utilizat in DXA ,100% reciclabil, nu contine compusi care sa afecteze mediul inconjurator

Filtrare aer: 2 x F7 pe introducere
1 x G4 pe exhaustare

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Sisteme Lemmens de ventilatie cu Recuperarea Caldurii

HR Mural up eco
300 si 400mc/h
By-Pass 100%

HR Flat (5 modele)
450 – 2000mc/h
By-Pass 100%

HR Total (4 modele)
2000 – 9000mc/h

HR Mural (9 modele)
450 – 1200mc/h
By-Pass 70%

HR Global (16 modele)
800 – 6000mc/h
By-Pass 100%

HR Class Unit (1 model)
1000mc/h

Sistemele de ventilatie Lemmens utilizeaza tehnologia TAC (Total Airflow Control)

Tehnologia TAC este definita prin 4 caracteristici principale:

- **Motoare eficiente energetic**:
  - Motoare DC in comutatie electronica
  - Comunicare precisa instantanee a informatiilor legate de punctul de functionare al motorului
- **Sistem inteligent de control :**
  - Debit de aer constant
  - Posibilitate de modificare a debitului de aer
  - Presiune disponibila constanta
- **Interfata de control facila:**
  - Configurarea si vizualizarea parametrilor
  - Ecran LCD sau touch screen
- **Posibilitati de comunicare si integrare in retea**:
  - Modulele TCP/IP sau GPRS permit control prin intranet sau internet

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TERTIAR

HR GLOBAL

ECO

UP

800 – 6000mc/h
Schimbator de caldura de tip counter-flow (eficienta max. 95%)
Posibilitate de livrare dezasamblat, asamblare on-site
Accesorii optionale: baterii de racire/incalzre, registre de reglaj
ECO – rotor cu pale curbate inapoi
UP – toate racordurile sunt in partea de sus a unitatii
Izolatie cu ROCKWOOL 50mm

HR TOTAL

2000 – 9000mc/h
Schimbator de caldura de tip rotativ (eficienta maxima 85%)
Posibilitate de livrare dezasamblat, asamblare on-site
Accesorii optionale: baterii de racire/incalzre, registre de reglaj
ECO – rotor cu pale curbate inapoi
Izolatie cu ROCKWOOL 50mm

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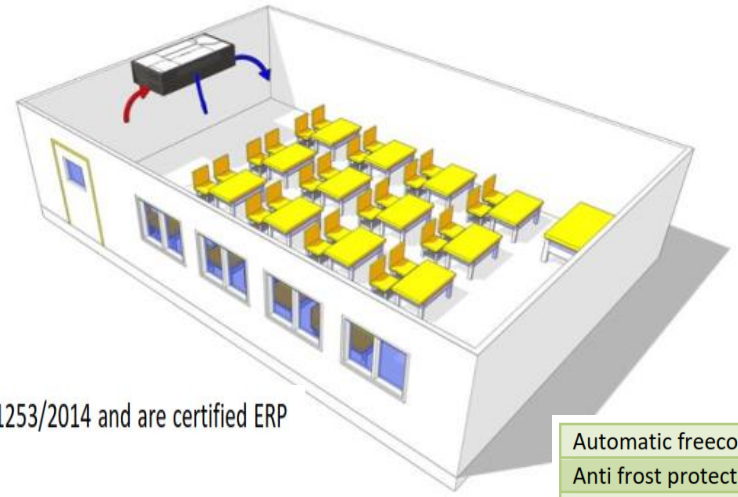
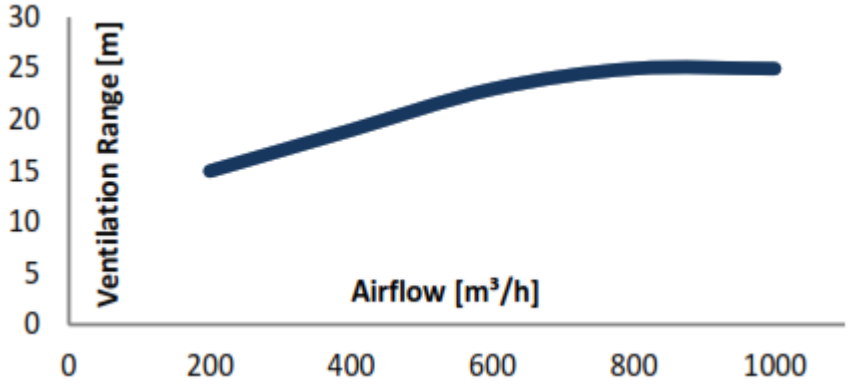
HR CLASS UNIT





Our HR Class Unit complies with the European standard EU 1253/2014 and are certified ERP 2016/2018 (LOT 6).

Technical data

Airflow range	100 – 1000 m³/h
Dimensions (L x l x H)	2056 x 980 x 460 mm
Ducting diameter	315mm
Weight	220 kg
Supply	1 x 230V – 50Hz
Maximum absorbed current (without KWout option)	6,5 A (19,5A with electric postheating)
Advised electrical protection	20A / D-1000A-AC3
Filter : supply / exhaust	M5 / M5

SFP int. : the power that the fan must supply in order to "defeat" the pressure drop generated by internal ventilation components (heat exchanger, filters ...). [w/(m³/s)]

Automatic freecooling	Yes : 100% bypass included
Anti frost protection	Yes : modulated bypass included
Post heating	Yes 3kW electrical coil
Nominal working air temperature range	-20°C to +50°C
Panels color	RAL 9002

(*) This KWout option is automatically modulated to keep a constant supply temperature.

Airflow (m³/h)	Absorbed power (W)	SFP (W/(m³/h))	Heat exchanger efficiency (%)	Supply T° (°C)	Noise level (dBA)
400	49	0,12	94,7	20,3	23
600	110	0,18	93,4	19,9	30,5
740	178	0,24	92,7	19,7	35
800	210	0,27	92,5	19,6	37,5
1000	378	0,37	91,7	19,3	42

Values calculated without external pressure. Thermal efficiency with -10°C/90% HR for outside conditions and +22°C/50% HR for inside conditions. Noise level measured at 1m in front and 1m under the unit, in a room with reverberation time of 0,3s.

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VA MULTUMESC PENTRU ATENTIE SI PENTRU TIMPUL ACORDAT!