



HIGH EFFICIENCY HEAT RECOVERY UNITS

EVB 04 HiE **Home** / EVB 06 HiE **Office**



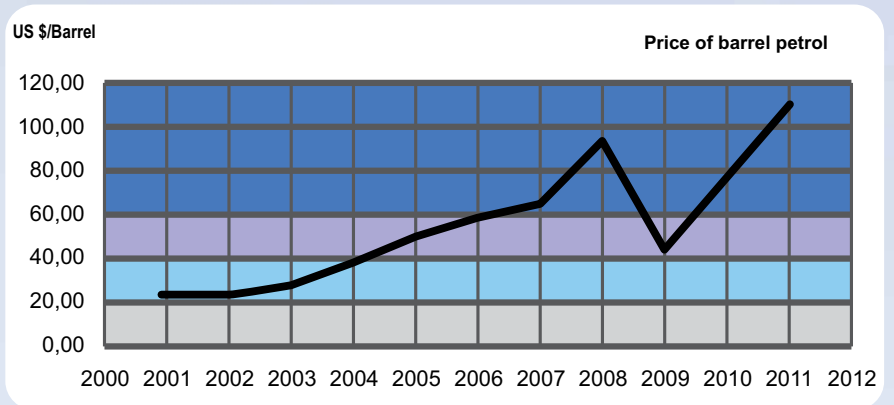
80%

 Energy saving

The text "Energy saving" is written in a green, serif font. To its left is a green icon consisting of a circle with a white shape inside, resembling a leaf or a drop.

Ventilation with heat recovery is a necessity in modern buildings!

Governments, organizations and end users are forced to take measures for energy savings due to the continuous increase of fuel and energy prices.

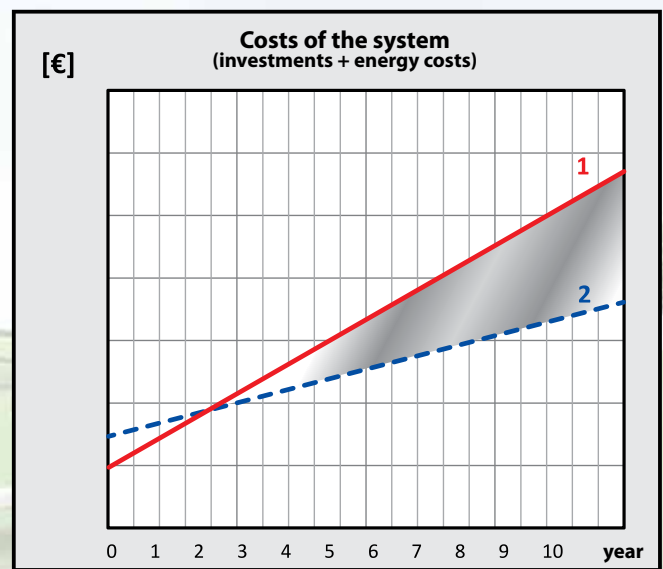
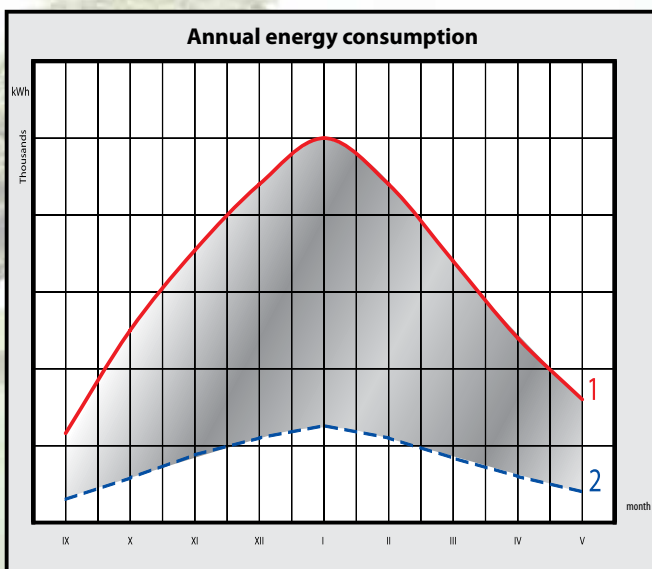


Modern buildings are better insulated thermally and windows are becoming more dense. In this way, naturally association for thermos arises, in which the coffee is still hot after 12 hours. The only negative side is that we are living in this thermos. People spend between 70% and 90% of their live time indoor. This lack of fresh air leads to decrease in working ability, allergies and diseases. This is also true for our children playing at home.

There is a solution - healthy, energy-saving and ecological.

„The thermos“ - modern building should be ventilated and enough quantity of fresh air should be provided for the people. This is the first part of the task. The second part is called - heat recovery ventilation.

Heat recovery in ventilation systems is exceptionally profitable investment.



- 1. System without heat recovery
- 2. System with heat recovery

Your lost money



High efficiency heat recovery units

Description:

Compact heat recovery units are designed for ventilation of:

- Small houses and apartments
- Offices
- Small shops

High efficiency heat recovery ventilation up to 85%

Working temperature from -20°C to +40°C

Construction:

- Construction of anodized aluminium profiles.
- Panels with internal insulation - 13 mm.
- High efficiency heat exchanger up to 85%
- Double inlet centrifugal fans – 230V - IP 44
- Filters for fresh and exhausted air - class G4 (EN779)
- Round connections for the duct system
- Drain tray
- Inspection doors from below

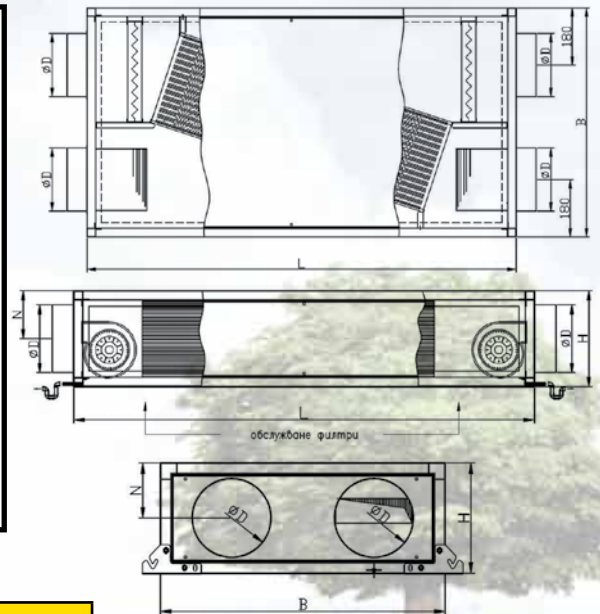
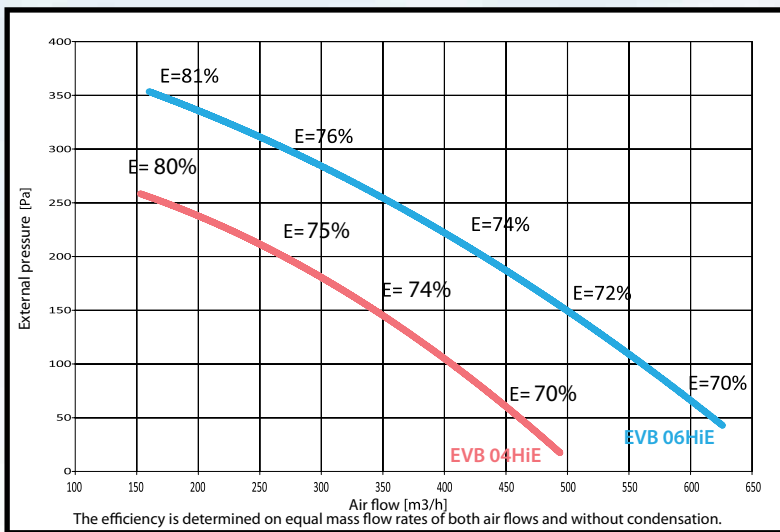
Options:

- Double panels „sandwich“ type – 25mm.
- Filter F7 for fresh air
- Automatic bypass (on / off)
- Hangers for ceiling installation
- Powder coating of the panels
- Pre-heater and additional electric heater

Control:

- Control of the fan speed (rpm)
- Dirty filter signalization
- Control of the bypass – free cooling
- Control of the electric heater
- Control of the air quality

Technical characteristics and efficiency



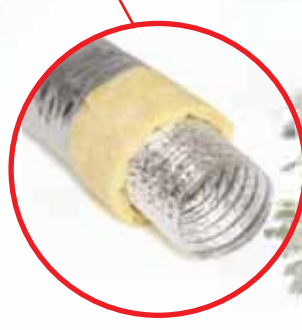
Model	Dimensions [mm]					Fans	Max. current
	B	H	L	øD	N		
EVB 04 HiE Home	700	290	1400	200	130	2 x 185 W	0,81 A
EVB 06 HiE Office	700	380	1400	250	160	2 x 220 W	1,01 A

- EVB + bypass = H + 90 mm
- EVB + double panels = H + 40 mm

EVB 04 HiE Home								
Sound level (dB) / Hz	63	125	250	500	1000	2000	4000	8000
Inlet	72	67	66	62	59	58	55	51
Outlet	67	60	56	49	39	35	30	25
Radiated at 1,5 m.	36	40	36	29	27	26	19	13

EVB 06 HiE Office								
Sound level (dB) / Hz	63	125	250	500	1000	2000	4000	8000
Inlet	74	67	67	63	60	59	56	52
Outlet	70	63	59	53	49	34	31	26
Radiated at 1,5 m.	39	41	37	28	26	26	21	15

INSTALLATION SCHEMES



1331 Sofia, 174 Europa Blvd.
phone: 02/ 925 05 99; 02/ 925 13 25

Varna, ZPZ "Inkoves" warehouses
phone: 052/ 611 767

Bourgas, 6 Transportna Str.
phone: 056/ 86 12 00

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