

ΕΝΑΛΛΑΚΤΕΣ ΥΨΗΛΗΣ ΑΠΟΔΟΣΗΣ

FENA HIE

- Πλακοειδής εναλλάκτης αέρα-αέρα με στοιχείο αντιρροής που αυξάνει την ανάκτηση της θερμότητας.
- Βαθμός απόδοσης 78-85%
- Η απόσβεση γίνεται σε 1-3 έτη ανάλογα με τη χρήση του συστήματος.
- Με ανεμιστήρες διπλής αναρρόφησης άμεσης κίνησης σειράς **CBM**
- Στοιχείο από αλουμίνιο.
- Καμπίνα από χαλυβδόελασμα με μόνωση 13mm
- Θερμοκρασία λειτουργίας -40°C +90°C
- Ανάλογα με τον διαθέσιμο χώρο οι μονάδες κατασκευάζονται για οριζόντια ή κάθετη εγκατάσταση
- Εκτός των τύπων 36 και 42 που είναι διαιρετού τύπου (SPLIT UNIT) οι άλλοι είναι MONOBLOCK.

HIGH EFFICIENCY HEAT EXCHANGERS



➔ 200 - 4.400 m³/h

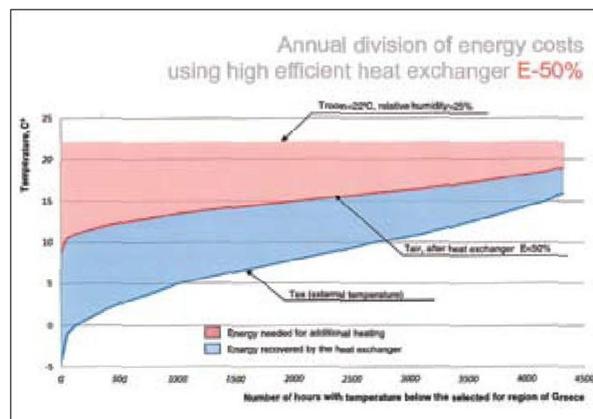
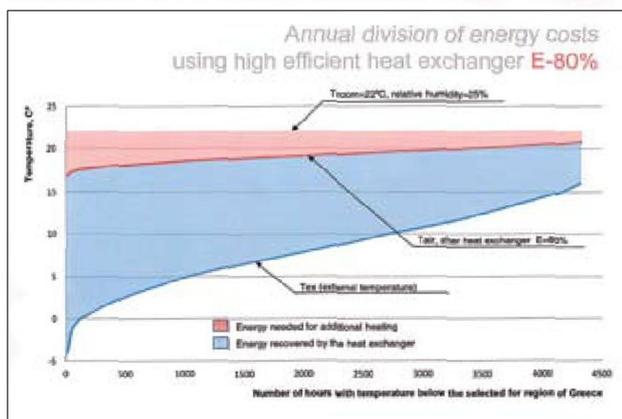
ΚΑΤΟΠΙΝ ΑΠΑΙΤΗΣΕΩΣ : Κατασκευή μονάδων διαιρετού τύπου και by-pass (με προεπιλεγμένες θερμοκρασίες 16°C /24°C), χρήση ανεμιστήρων με μοτέρ EC

– Με ανεμιστήρες πτερυγίων οπισθίας κλίσεως.

ΤΥΠΟΣ	MAXIMUM ΠΑΡΟΧΗ m ³ /h	ΠΤΩΣΗ ΠΙΕΣΗΣ Pa	ΒΑΘΜΟΣ ΑΠΟΔΟΣΗΣ %	ΑΠΟΡ. ΙΣΧΥΣ W	ΒΑΡΟΣ kg
FENA-HIE 04(EVB-04)	550	80	78	2x180	90
FENA-HIE 06(EVB-06)	800	90	78	2x300	100
FENA-HIE 08(EVB-08)	900	130	78	2x300	110
FENA-HIE 10(EVB-10)	1.100	50	78	2x300	136
FENA-HIE 12(EVB-12)	1.350	110	78	2x373	213
FENA-HIE 16(EVB-16)	1.700	70	78	2x373	229
FENA-HIE 20(EVB-20)	2.100	80	78	2x373	250
FENA-HIE 24(EVB-24)	2.600	240	78	2x373	290
FENA-HIE 30(EVB-30)	3.350	50	78	2x550	330
FENA-HIE 36(EVB-36)*	3.800	240	80	2x750	380
FENA-HIE 42(EVB-42)*	4.400	180	80	2x750	410

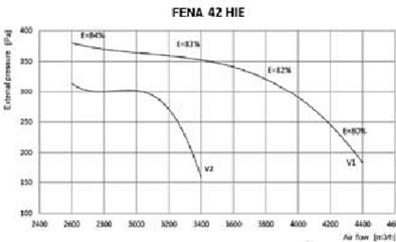
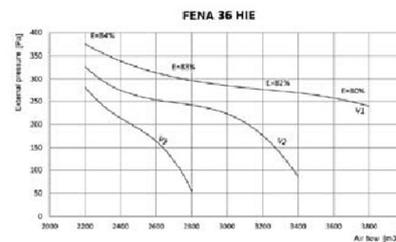
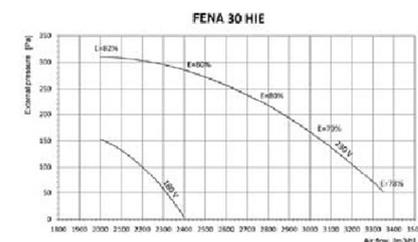
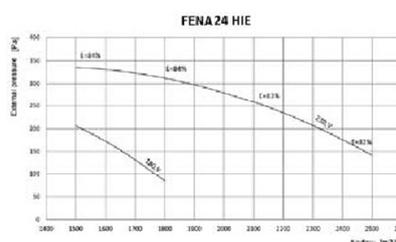
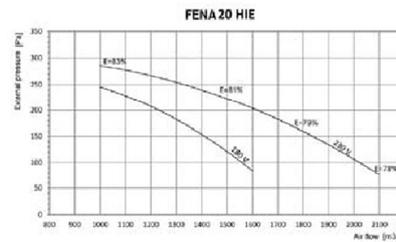
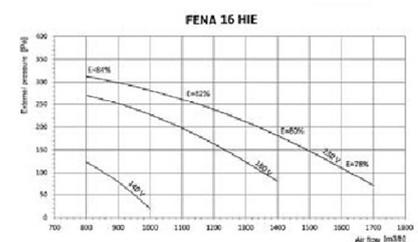
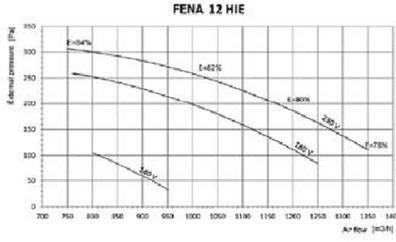
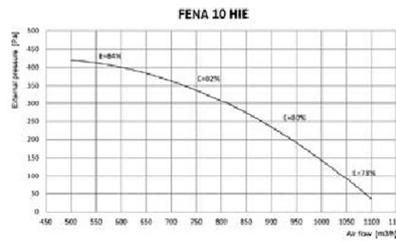
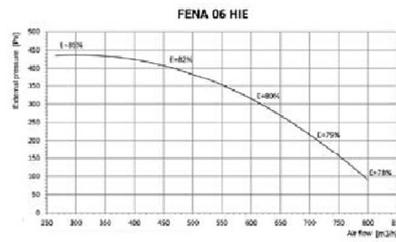
* Μόνο διαιρετού τύπου (split unit)

ΚΑΤΑΝΟΜΗ ΕΝΕΡΓΕΙΑΚΗΣ ΚΑΤΑΝΑΛΩΣΗΣ ΣΕ ΕΤΗΣΙΑ ΒΑΣΗ



ΚΑΜΠΥΛΕΣ ΑΠΟΔΟΣΗΣ FENA - ΗΙΕ

PERFORMANCE CURVES FENA HIE



Acoustic data LwA (dB(A))

Model/Hz	63	125	250	500	1000	2000	4000	8000
EVB 04 HIE	46	57	57	62	66	65	65	64
EVB 06 HIE	47	56	61	66	67	65	64	62
EVB 10 HIE	47	56	61	66	67	65	64	62
EVB 12 HIE	47	59	68	73	77	75	71	61
EVB 16 HIE	47	59	68	73	77	75	71	61
EVB 20 HIE	47	59	68	73	77	75	71	61
EVB 24 HIE	48	57	64	69	74	74	72	63
EVB 30 HIE	51	62	69	70	75	76	71	64
EVB 36 HIE	55	66	72	74	79	78	75	67
EVB 42 HIE	55	66	72	74	79	78	75	67

The data are at maximum fan speed.

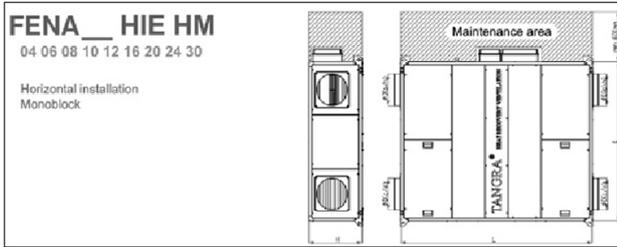
Note: Efficiency data are valid at equal mass flows of both flows and 22°C and 25% relative humidity of the exhaust air. If the relative humidity rised, the efficiency will increase with 3÷5%.

We reserve the right to introduce alternations both in design and technical data without prior notice, due to continued product development.



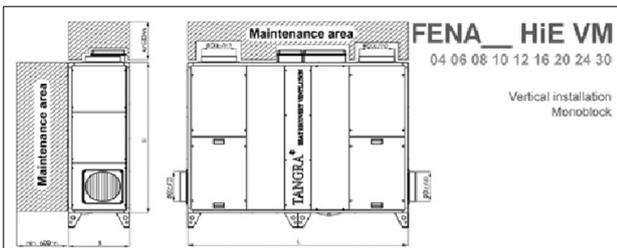
ΔΙΑΣΤΑΣΕΙΣ FENA HIE (mm)

DIMENSIONS FENA HIE (mm)



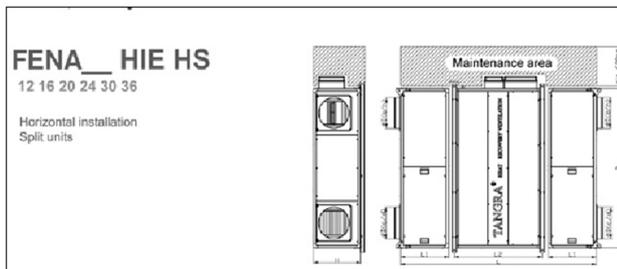
Model	Air flow [m ³ /h]	B [mm]	H [mm]	L [mm]	b [mm]	h [mm]	φD [mm]	c [mm]	d [mm]	Weight [kg]
FENA04 HIE HM	400	790	335	1480	200	200	200	200	200	90
FENA06 HIE HM	600	890	335	1480	250	200	250	250	200	100
FENA08 HIE HM	800	1090	335	1480	250	200	250	250	200	110
FENA10 HIE HM	1000	1490	335	1480	250	200	250	250	200	136
FENA12 HIE HM	1200	1310	550	1980	300	300	315	300	300	213
FENA16 HIE HM	1600	1510	550	1980	300	300	315	300	300	229
FENA20 HIE HM	2000	1610	550	1980	300	300	315	300	300	250
FENA24 HIE HM	2400	1810	550	1980	350	350	355	350	350	269
FENA30 HIE HM	3000	2310	550	2180	400	350	355	400	350	330

* - Please, note the weight



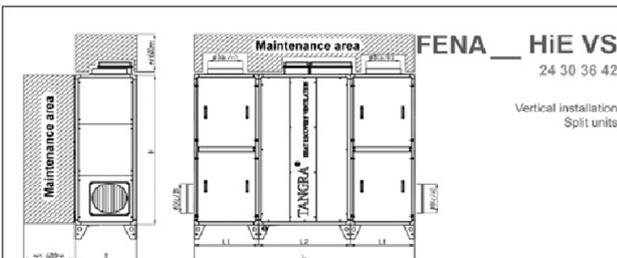
Model	Air flow [m ³ /h]	B [mm]	H [mm]	L [mm]	b [mm]	h [mm]	φD [mm]	c [mm]	d [mm]	Weight [kg]
FENA04 HIE VM	400	335	790	1480	200	200	200	200	200	90
FENA06 HIE VM	600	335	890	1480	250	200	250	250	200	100
FENA08 HIE VM	800	335	1090	1480	250	200	250	250	200	110
FENA10 HIE VM	1000	335	1490	1480	250	200	250	250	200	136
FENA12 HIE VM	1200	550	1310	1980	300	300	315	300	300	213
FENA16 HIE VM	1600	550	1510	1980	300	300	315	300	300	229
FENA20 HIE VM	2000	550	1610	1980	300	300	315	300	300	250
FENA24 HIE VM	2400	550	1810	1980	350	350	355	350	350	269

* - Please, note the weight



Model	Air flow [m ³ /h]	B [mm]	H [mm]	L [mm]	L1 [mm]	L2 [mm]	b [mm]	h [mm]	φD [mm]	c [mm]	d [mm]	Weight [kg]
FENA12 HIE HS	1200	1310	550	2140	560	1020	300	300	315	300	300	225
FENA16 HIE HS	1600	1510	550	2140	560	1020	300	300	315	300	300	230
FENA20 HIE HS	2000	1610	550	2140	560	1020	300	300	315	300	300	265
FENA24 HIE HS	2400	1810	550	2140	560	1020	350	350	355	350	350	280
FENA30 HIE HS	3000	2310	550	2340	660	1020	400	350	355	400	350	345
FENA36 HIE HS	3600	2710	550	2340	660	1020	400	350	355	400	350	385

Side panels of the supply and suction side of the unit are interchangeable. In this way, it is possible to make different configurations. As standard this units are produced with round connections.



Model	Air flow [m ³ /h]	B [mm]	H [mm]	L [mm]	L1 [mm]	L2 [mm]	b [mm]	h [mm]	φD [mm]	c [mm]	d [mm]	Weight [kg]
FENA24 HiE VS	2400	1200	1115	2400	700	1000	350	350	355	350	350	290
FENA30 HiE VS	3000	1200	1315	2400	700	1000	400	350	355	400	350	330
FENA36 HiE VS	3600	1200	1515	2400	700	1000	400	350	355	400	355	380
FENA42 HiE VS	4200	1200	1615	2400	700	1000	400	400	400	400	400	410

Side panels of the supply and suction side of the unit are interchangeable. In this way, it is possible to make different configurations. As standard this units are produced with round connections.