

SMALL PLEATS ABSOLUTE FILTERS
WITH VERY HIGH MULTIPLE
DIHEDRAL FLOW CAPACITY
FA - E11/H13/H14

FOR THIS FILTER WE PROVIDE TEST REPORTS WITH DATA
RECORDED DURING TESTING AND SERIAL NUMBER



FA
E11/H13/H14

GENERALS

THE ABSOLUTE MULTIPLE DIHEDRAL FILTERS CONSIST OF SMALL PLEATED FILTER PACKS ARRANGED AS A "V" IN A SERIES OF BAGS FORMING A VERY EXTENSIVE FILTERING SURFACE. THEY PROVIDE A HIGHER AIR FLOW WITH RESPECT TO THE MODELS OF THE SAME SIZE AND ENSURE A LONGEST OPERATING LIFE AND HIGHER ENERGY SAVING.

FRAME	GALVANIZED STEEL
FILTERING SEPTUM	GLASS MICROFIBRE
SPACERS	THERMO-WELDED WIRE
SIGILLANTE	TWO-COMPONENT POLYURETHANE
GASKET	ONE-PIECE POLYURETHANE FOAM
FILTERING PACK PLEATS	SMALL PLEATS
EFFICIENCY CLASS CEN EN 779	E11 - H13 - H14
EUROVENT CLASS	EU 11 - EU 13 - EU 14
EFFICIENCY MPPS (%)	>95% (E11) - >99,99% (H13) - >99,999% (H14)
INITIAL PRESSURE DROP (T=292)	140 Pa (E11) - 250 Pa (H13) - 280 Pa (H14)
INITIAL PRESSURE DROP (T=400)	115 Pa (E11) - 250 Pa (H13)
RECOMMENDED FINAL PRESSURE DROP	600 Pa
MAXIMUM PRESSURE DROP	1000 Pa
MAXIMUM OPERATING TEMPERATURE	80°C
RELATIVE HUMIDITY	100%
TYPE OF TESTING	RANDOM SAMPLING (E11 - H13) -INDIVIDUAL SCANNING (H14)
H B T HEIGHT BASE CELL THICKNESS LEGEND OF DIMENSIONS	

Reference drawing:
vefim_multidiedro

PRODUCT CODE MATRIX ⁽¹⁾	EFFICIENCY CLASS CEN EN 779 CODE ⁽¹⁾			FRAME	DIMENSIONS (mm)			FILTERING SURFACE (m²)	AIR FLOW (Nm³/h)
	E11	H13	H14		H	B	T		
FA_TM29233M	11	13	14	GALVANIZED STEEL	305	305	292	10	1.000
FA_TM29263M	11	13	14		305	610		21	2.000
FA_TM29264M	11	13	14		457	610		31	3.000
FA_TM29266M	11	13	14		610	610		42	4.000
FA_TM29276M	11	13	14		610	762		52	5.000
FA_TM29252M	11	13	14		288	593		20	1.800
FA_TM29254M	11	13	14		490	593		30	2.700
FA_TM29255M	11	13	14		593	593		40	3.600
FA_TM40033M	11	13	-	GALVANIZED STEEL	305	305	400	9	850
FA_TM40066M	11	13	-		610	610		19	1.700
FA_TM40052M	11	13	-		287	593		28	2.550
FA_TM40055M	11	13	-		593	593		38	3.400

⁽¹⁾ To identify the exact code enter the number of the Class of efficiency in the product code matrix. E.g.: FA 11 TM29233M

STAINLESS STEEL VERSIONS ARE FEASIBLE ON REQUEST
VERSIONES WITH FLANGE ARE FEASIBLE ON REQUEST
DIFFERENT DIMENSIONS OR VERSIONS ARE AVAILABLE ON REQUEST

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HIGH EFFICIENCY AND ABSOLUTE FILTERS

DATA SHEET: C FATLM 2014 FEB 7

SMALL PLEATS ABSOLUTE FILTERS
WITH VERY HIGH MULTIPLE
DIHEDRAL FLOW CAPACITY

FA - E11/E12/H14

FOR THIS FILTER WE PROVIDE TEST REPORTS WITH DATA
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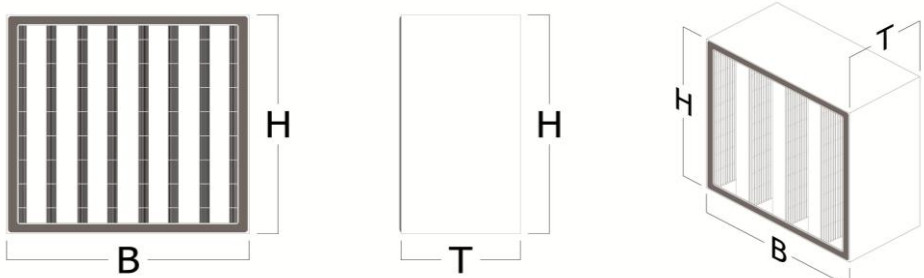


FA

E11/H13/H14

GENERALS

THE ABSOLUTE MULTIPLE DIHEDRAL FILTERS CONSIST OF SMALL PLEATED FILTER PACKS ARRANGED AS A "V" IN A SERIES OF BAGS FORMING A VERY EXTENSIVE FILTERING SURFACE. THEY PROVIDE A HIGHER AIR FLOW WITH RESPECT TO THE MODELS OF THE SAME SIZE AND ENSURE A LONGEST OPERATING LIFE AND HIGHER ENERGY SAVING.

FRAME	MDF ⁽²⁾
FILTERING SEPTUM	GLASS MICROFIBRE
SPACERS	THERMO-WELDED WIRE
SIGILLANTE	TWO-COMPONENT POLYURETHANE
GASKET	ONE-PIECE POLYURETHANE FOAM
FILTERING PACK PLEATS	SMALL PLEATS
EFFICIENCY CLASS CEN EN 779	E11 - H13 - H14
EUROVENT CLASS	EU 11 - EU 13 - EU 14
EFFICIENCY MPPS (%)	>95% (E11) - >99,99% (H13) - >99,999% (H14)
INITIAL PRESSURE DROP	140 Pa (E11) - 250 Pa (H13) - 280 Pa (H14)
RECOMMENDED FINAL PRESSURE DROP	600 Pa
MAXIMUM PRESSURE DROP	1000 Pa
MAXIMUM OPERATING TEMPERATURE	80°C
RELATIVE HUMIDITY	90%
TYPE OF TESTING	INDIVIDUAL SCANNING
LEGEND OF DIMENSIONS H B T HEIGHT BASE CELL THICKNESS	 Reference drawing: vefim_multidiedro

PRODUCT CODE MATRIX ⁽¹⁾	EFFICIENCY CLASS CEN EN 779 CODE ⁽¹⁾			FRAME	DIMENSIONS (mm)			FILTERING SURFACE (m²)	AIR FLOW (Nm³/h)
	E11	H13	H14		H	B	T		
FA_TL29233M	11	13	14	MDF ⁽²⁾	305	305	292	8	750
FA_TL29263M	11	13	14		305	610		17	1.500
FA_TL29264M	11	13	14		457	610		27	2.350
FA_TL29266M	11	13	14		610	610		37	3.000
FA_TL29276M	11	13	14		610	762		47	3.750
FA_TL29252M	11	13	14		288	593		16	1.500
FA_TL29255M	11	13	14		593	593		34	3.000

⁽¹⁾ To identify the exact code enter the number of the Class of efficiency in the product code matrix. E.g.: FA **11** TL29233M

⁽²⁾ Medium Density Fibreboard

DIFFERENT DIMENSIONS OR VERSIONS ARE AVAILABLE ON REQUEST

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HIGH EFFICIENCY AND ABSOLUTE FILTERS

DATA SHEET: C FATMMR 2014 FEB 7

SMALL PLEATS ABSOLUTE FILTERS
WITH HIGH MULTIPLE
DIHEDRAL FLOW CAPACITY

FA - E11/H13/H14

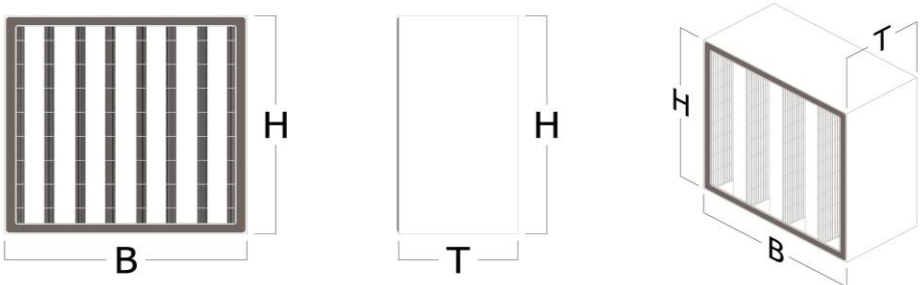
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GENERALS

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FRAME	GALVANIZED STEEL
FILTERING SEPTUM	GLASS MICROFIBRE
SPACERS	THERMO-WELDED WIRE
SIGILLANTE	TWO-COMPONENT POLYURETHANE
GASKET	ONE-PIECE POLYURETHANE FOAM
FILTERING PACK PLEATS	SMALL PLEATS
EFFICIENCY CLASS CEN EN 779	E11 - H13 - H14
EUROVENT CLASS	EU 11 - EU 13 - EU 14
EFFICIENCY MPPS (%)	>95% (E11) - >99,99% (H13) - >99,999% (H14)
INITIAL PRESSURE DROP (T=292)	140 Pa (E11) - 250 Pa (H13) - 280 Pa (H14)
INITIAL PRESSURE DROP (T=400)	115 Pa (E11) - 250 Pa (H13)
RECOMMENDED FINAL PRESSURE DROP	600 Pa
MAXIMUM PRESSURE DROP	1000 Pa
MAXIMUM OPERATING TEMPERATURE	80°C
RELATIVE HUMIDITY	100%
TYPE OF TESTING	RANDOM SAMPLING (E11 - H13) -INDIVIDUAL SCANNING (H14)
LEGEND OF DIMENSIONS H HEIGHT B BASE T CELL THICKNESS	

Reference drawing: vefim_multidiedro

PRODUCT CODE MATRIX ⁽¹⁾	EFFICIENCY CLASS CEN EN 779 CODE ⁽¹⁾			FRAME	DIMENSIONS (mm)			FILTERING SURFACE (m²)	AIR FLOW (Nm³/h)
	E11	H13	H14		H	B	T		
FA_TM29266MR	11	13	14	GALVANIZED STEEL	610	610	292	38	3.400

⁽¹⁾ To identify the exact code enter the number of the Class of efficiency in the product code matrix. E.g.: FA **11** TM29233MR

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