

# CYLINDRICAL ABSOLUTE FILTERS CA - H11/H13



**CA**  
**H11/H13**

## GENERALS

THEY CONSIST OF A PERFORATED CYLINDRICAL CONTAINER HOUSING THE FILTERING SEPTUM WITH SMALL PLEATS AT CONSTANT PITCH. THE AIR TO BE FILTERED COMES IN FROM THE INLET OPENING AND EXPANDS BY INVESTING THE FILTERING SEPTUM, CROSSES IT AND COMES OUT FROM THE HOLES THE OUTER ALUMINIUM METAL SHEET IS PROVIDED WITH. THEY APPLY IN ALL THOSE CASES REQUIRING VERY HIGH FILTERING EFFICIENCY, BUT WITH SMALL AIR FLOW. THEY CAN WORK IN LAMINAR OR TURBULENT FLOW.

FONDELLI	ALUMINIUM
MESH	PERFORATED ALUMINIUM
FILTERING SEPTUM	GLASS MICROFIBRE
SPACERS	THERMO-WELDED WIRE
SIGILLANTE	TWO-COMPONENT POLYURETHANE
GASKET	NEOPRENE FOAM
FILTERING PACK PLEATS	SMALL PLEATS
EFFICIENCY CLASS CEN EN 779	H11 - H13
EUROVENT CLASS	EU 11 - EU 13
EFFICIENCY MPPS (%)	>95% (H11) - >99,99% (H13)
INITIAL PRESSURE DROP	90 Pa (H11) - 120 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
<b>LEGEND OF DIMENSIONS</b> H HEIGHT DE OUTER DIAMETER $\phi$ DI INTERNAL DIAMETER $\phi$	

Reference drawing: vefim\_assoluti\_cilindr

PRODUCT CODE	EFFICIENCY CLASS CEN EN 779	DIMENSIONS (mm)			FILTERING SURFACE (m <sup>2</sup> )	AIR FLOW (Nm <sup>3</sup> /h)
		H	DE	DI		
CA11T175/90	H11	175	175	110	1,15	90
CA11T175/130		175	175	110	1,65	130
CA11T226/170		226	175	110	2,15	170
CA13T175/90	H13	175	175	110	1,15	90
CA13T175/130		175	175	110	1,65	130
CA13T226/170		226	175	110	2,15	170

DIFFERENT DIMENSIONS OR VERSIONS ARE AVAILABLE ON REQUEST

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