



# Carbo-Pleat

Adsorbent filter with polypropylene support and synthetic fibre filter panels.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

EFFICIENCY class (CEN EN779)	F7
AVERAGE colorimetric efficiency:	80-90%
MAXIMUM WORKING temperature:	70°C
RELATIVE humidity:	100%
INITIAL pressure drop:	115 Pa
RECOMMENDED final pressure drop:	600 Pa
MAXIMUM pressure drop:	1000 Pa
RECOMMENDED filtering air speed:	0,065 m/s

## SELECTION CHART

Model [code]	Dimensions W x D x H [mm]	Nominal Flow Rate [m <sup>3</sup> /h]	Filtering Surface [m <sup>2</sup> ]
CP29	290 X 595 X 292	1.600	4,3
CP49	490 X 595 X 292	2.400	7,5
CP59	595 X 595 X 292	3.200	9,0

### FILTERING MEDIA

The synthetic filter medium with added active carbon is pleated and uniformly spaced out with thermoplastic polypropylene separators. This configuration allows obtaining a long-lasting filter taking up little space. The filter is sealed with polyurethane foam resistant to acids.

### APPLICATIONS

Filtration in air treatment units.

### PRODUCT DISPOSAL

Exhausted active carbons can be disposed as special waste: DANGEROUS DROSS CER CODE 190110.

## GREEN BUILDING

Thanks also to the support of GreenMap, products manufactured by Tecnica contribute to obtain the credits of the major international rating systems for sustainable buildings:



**LEED**

Contributes to credits:  
IP, EA, MR, IN



**WELL**

Contributes to credits:  
AIR, MATERIALS, COMMUNITY

**BREEAM**<sup>®</sup>

**BREEAM**

Contributes to credits:  
MAN, WST

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl

## APPLICATIONS

OEM	Residential	Easy Pack	REACH Certificate	RoHS Certificate	Industry	Building	Air conditioning	CMV

\*On request