

Testing organisation: Kalthoff Luftfilter und Filtermedien GmbH Report No: E20120205\_1\_TCC98\_60\_8

## EN779:2002 AIR FILTER TEST REPORT

### GENERAL

Test No.	L1202-05	Date of Test:	10.02.2012	Supervisor:	La
Test requested by:	Kalthoff Luftfilter und Filtermedien GmbH			Device receiving Date:	
Device delivered by:	Kalthoff Luftfilter und Filtermedien GmbH				10.02.2012

### DEVICE TESTED

Model:	TCC 98-60-8	Manufacturer:	Kalthoff
Type of Media:	synthetic composite nonwoven Compoplus 98		

### TEST DATA

Test air flow rate:	Test air temperature:	Test air relative humidity:	Test aerosol:	Loading dust:
3400 m <sup>3</sup> /h	15,0°C - 21,0°C	28,8% - 44,3%	DEHS	ASHRAE

### RESULTS

Initial pressure drop:	Initial arrestance:	Initial efficiency (0,4 µm):	Test dust capacity:	efficiency of media (0,4µm) untreated / discharged
182 Pa	> 99%	91%	231 g / 273 g / 332 g	98,3% / 70,8%
Final test pressure drop: 300 Pa / 350 Pa / 450 Pa	Average arrestance: > 99,0%	Average efficiency (0,4 µm) 96% / 96% / 97%	Filter class (450 Pa): F9	Remarks: EUROVENT 4/11 Energy Efficiency Klassifikation B 2280 kWh/a
Note: The performance results are only valid for the tested item cannot by themselves be quantitatively applied to predict filter performance in service.				

