

**Fre**cious**Care**

Performance That Cares

Of the most polluted cities globally,  
**7 of top 15 are in India**

## Severe Air Pollution Is Suffocating India

Annual average PM2.5 in  
**Delhi is 1.5X that of Beijing**



Annual Premature Deaths Due To Air  
Pollution in India  
500,000

Air Pollution Kills You Gradually ..... But Eventually

**MANN+HUMMEL**

**German Technology, German Quality**

**75 Years of Filtration Expertise**

**Bringing You Healthy Air**



# FCI 5000 Indoor Air Purifier

FreciousCare

## Outstanding Purification Performance

**1** CADR  
**507 m<sup>3</sup>/h**

**2** PM2.5 Removal  
**>99%**

**3** Bacteria Purification  
**>99.99%**

**4** Filtration Technology  
**No Secondary  
Pollution**

**5** High Energy  
Efficiency  
**30.5 W**

**6** Silent Mode  
**39 dB(A)**



5

**MANN +  
HUMMEL**

## Superior Clean Air Delivery Rate\*

507 m<sup>3</sup>/h\*\*

- Effective for up to 60 m<sup>2</sup>
- Healthy air in just 4 minutes<sup>^</sup>
- Suitable for various commercial applications



\*CADR is a measure of an air purifier's pollutant filtration efficiency. The higher the value, the better the purifier is at cleaning the air.

\*\*Tested by Shanghai Institute of Measurement & Testing Technology (SIMT).

<sup>^</sup>More than 60% PM2.5 particles removed in a 30 m<sup>3</sup> nationally accredited laboratory set-up.

# HEVA\* Technology

>99% PM2.5, Formaldehyde and Bacteria Removal

- Primary Filtration captures coarse particles
- VOCs Filtration eliminates hazardous substances
- Bacteria & Allergen Filtration purifies harmful airborne microorganisms
- HEPA Filtration removes particles as small as 0.3  $\mu\text{m}$



# Anti-Bacterial Filtration Technology

Comprehensive protection for your health

Purifies >99.99%\* of  
common bacteria within 60 minutes





# Why Filtration Technology?

No secondary pollution, best protection



High efficiency in removing multiple pollutants



Safe technology that does not cause secondary pollution



## Anion & Plasma Technology

- Limited effect on PM2.5
- Easy to generate ozone which is harmful to health
- Potential interference with car electronics



## Electrostatic Technology

- Limited effect on harmful chemicals
- Short lifetime
- Easy to generate ozone which is harmful to health

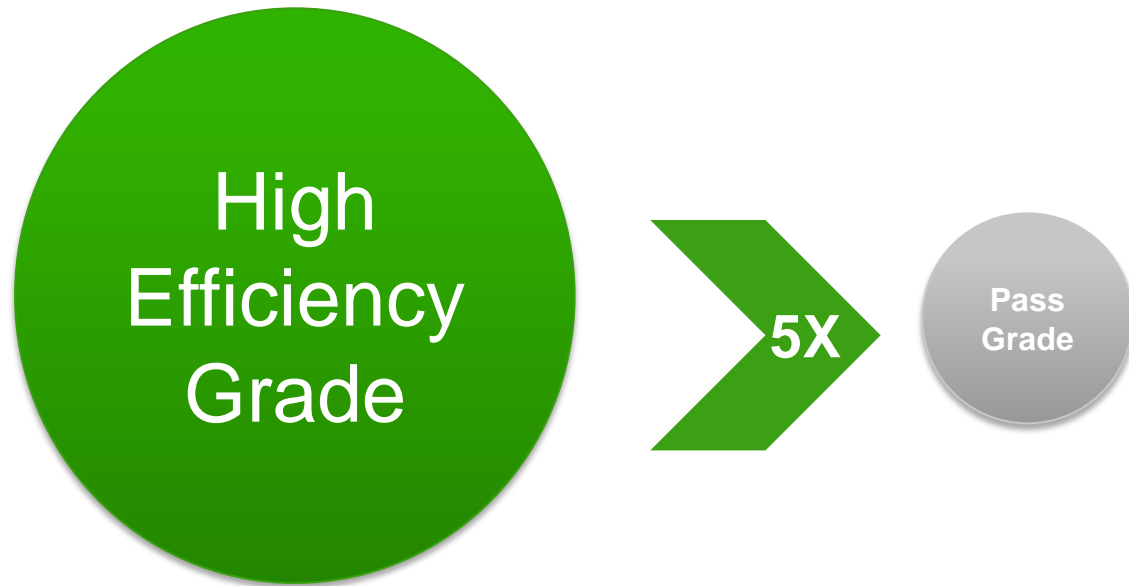


## Photo-catalyst Technology

- Limited effect on PM2.5
- Short lifetime
- Easy to generate ozone, UV radiation and hydroxyl radicals which are harmful to health

# Clean Air Energy Efficiency\*

“High Efficiency Grade” of 10.1 m<sup>3</sup>/hW



\*Clean Air Energy Efficiency represents the energy used to purify the air (CADR / Power Consumption).  
A higher value denotes the excellent energy efficiency of an air purifier.



## Silent Mode

39 dB(A)

For quiet comfort like in a library\*



# Indoor Air Purifiers Comparisons

FreciousCare

FreciousCare offers superior performance

Brand	Model	CADR (m <sup>3</sup> /h)	Power Consumption (W)	Clean Air Energy Efficiency (m <sup>3</sup> /hW)	Effective Room Coverage (m <sup>2</sup> )
Japanese Brand 1	W380	375	56	6.7	45
European Brand 1	4081	223	68	3.3	26
European Brand 1	097	477	80	6.0	57
European Brand 2	203	264	80	3.3	31
European Brand 2	403	408	70	5.8	48
FreciousCare	FCI 5000	507	30.5	10.1	60

# Technical Specifications

FreciousCare

## Product Description

Name	FreciousCare FCI 5000
Filtration Technology	HEVA (HEPA-VOCs Arrestance)
Effective room coverage	60 m <sup>2</sup>
Clean Air Energy Efficiency	High Efficiency Grade
Sound level	39 dB(A) (Silent Mode) 62 dB(A) (High Speed Mode)
Rated power	49 W
Power consumption	30.5 W (High Speed Mode)
Voltage	220 V – 240 V
Filter replacement reminder	Yes
Filter lifetime	18 months
Operating modes	Silent Mode, Anti-haze Mode, High Speed, Medium Speed, Low Speed
Replacement filter type	FCI 5000 H

## Performance

CADR (Clean Air Delivery Rate)	507 m <sup>3</sup> /h
PM2.5 filtration efficiency	>99%
Bacteria filtration efficiency	>99.99%
Formaldehyde removal efficiency	High Efficiency Grade
<b>Weight &amp; Dimensions</b>	
Product dimensions	40.0 x 24.5 x 53.5 cm
Product weight	8.9 kg

**MANN +  
HUMMEL**

- 24 months warranty from date of purchase
- End-user to bring product back to original retailer/ distributor
- Retailer/ distributor to send product to M+H
- M+H would evaluate on either minor repairs or full exchange depending on situation
- Product must have been used in accordance to operating manual. Original receipt and respective registration of warranty should have been done in order for warranty to be valid
- Purchase of replacement filter elements is provided through official sales channels

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