

Air Purifier Comparison Chart

	FILTRETE ULTRA QUIET	FILTRETE STANDARD	FILTRETE LARGE	FILTRETE ULTRA SLIM	BAP242	BAP1550	AP281	HM681	HM68801RC	SIESTA FLASH STREAMER	HM685P PLASMA	HM685H HEPA	AIRFREE P60, P80 & P125
REMOVES													
PARTICLES*	●	●	●	●	●	●	●	●	●	●	●	●	
ODOURS					●	●	●	●	●	●	●	●	●
SMOKE	●	●	●	●	●	●	●	●	●	●	●	●	●
MOULD**													●
MOULD CAPTURE***	●	●	●	●	●	●	●	●	●	●	●	●	●
CHEMICALS****					●		●	●	●	●	●	●	●
VOCS										●	●		
VIRUSES										●	●		●
FILTER TYPE													
PRE-FILTER	●	●	●	●	●	●	●	●	●	●	●		
ELECTROSTATIC	●	●	●	●									
HEPA					●	●	●	●	●			●	
ION GENERATOR				●	●	●	●	●	●	●	●	●	
ACTIVATED CARBON					●		●	●	●		●	●	
UV LAMP											●		
PLASMA										●	●		
CERAMIC INCINERATOR													●
TITANIUM DIOXIDE										●	●		
SPEEDS	3	3	3	3	3	3	2	3	3	4	3	3	N/A
MAX ROOM SIZE M ²	10	14	34	16	10	16	12	20	12	48	28	28	24,32,50
NOISE LEVELS IN DECIBELS	52	37-52	46-61	42-61	30-55	30-55	45	26	34	silent 16-47	30	30	silent
CADR (SMOKE) m ³ /hr	113	167	467	186	119	186	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CADR (DUST) m ³ /hr	71	189	405	186	93	186	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CADR (POLLEN) m ³ /hr	94	225	486	216	110	186	NA	NA	N/A	N/A	N/A	N/A	N/A
MAX POWER	55.5w	55.5w	176.8w	54.2w	36w	90w	30w	40w	40w	55w	50w	48w	45,45,50w

Particles* Dust mite faeces, pollen, mould spores, pet allergen and pet dander.

Mould** The machines marked actually incinerate the mould spores and reduce the growth of mould rather than trap the mould spores in a filter.

Mould Capture*** All machines with HEPA or electrostatic filters will trap mould spores.

Chemicals**** Activated carbon will remove some chemicals and odours. The machines designed for comprehensive removal of chemicals are the Siesta and the HM685 Plasma.