

# Air Purifiers

for medium-sized rooms

												
	<b>Blueair</b> Classic 405	<b>Philips</b> AC3256	<b>Coway</b> AP-1008DH	<b>Electrolux</b> EAP300	<b>Wood's</b> ELFI 300	<b>Fellowes</b> AeraMax DX95	<b>Meaco</b> CA-HEPA 47x5	<b>DēLonghi</b> AC150	<b>Wilfa</b> AP-5W	<b>Dyson</b> Pure Cool Link TP02	<b>Stadler Form</b> Viktor V-002	<b>Airfree</b> P100
Approx price in GBP	499	359	430	272	400	260	150	279	150	450	255	240
Consumer contact	<a href="http://blueair.com/gb/">blueair.com/gb/</a>	<a href="http://philips.co.uk">philips.co.uk</a>	<a href="http://coway.com">coway.com</a>	<a href="http://electrolux.co.uk">electrolux.co.uk</a>	<a href="http://woods.se/en/">woods.se/en/</a>	<a href="http://fellowes.com/gb/">fellowes.com/gb/</a>	<a href="http://meaco.com">meaco.com</a>	<a href="http://delonghi.com/en-gb">delonghi.com/en-gb</a>	<a href="http://wilfa.com">wilfa.com</a>	<a href="http://dyson.co.uk">dyson.co.uk</a>	<a href="http://stadlerform.com">stadlerform.com</a>	<a href="http://airfree.uk.com">airfree.uk.com</a>

Product facts												
Size H x W x D in cm	59 x 50 x 28	70 x 37 x 25	65 x 35 x 19	55 x 41 x 25	61 x 51 x 16	64 x 40 x 21	40 x 32 x 16	21 x 39 x 45	40 x 31 x 15	102 x 11 x 19	45 x 25 x 25	27 x 22 x 22
Weight in kg	14	10	7	6	12	6	4	6	4	3	5	1
Remote control/smartphone	No/Yes	No/No	No/No	Yes/No	No/No	No/No	No/No	No/No	Yes/No	Yes+voice control	No/No	No/No
Declared capacity (m3/h)	510	393	350	335	300	188/196	236	160	No info	1 476	200	-
Declared capacity (m2)	40	95	73	Large apartments	60	28	No info/ 78m3	40	20	No info	50	50
Fan speed settings	3	5	4	5	Stepless	4	3	3	4	10	5	No fan
Technology/filter	Particle filter and ioniser	Particle filter and carbon filter	Particle filter and carbon filter	Particle filter, carbon filter and ioniser	Particle filter and ioniser	Particle filter and carbon filter	Particle filter, carbon filter, UV and ioniser	Particle filter, carbon filter, UV and ioniser	Particle filter, carbon filter, UV and ioniser	Particle filter and carbon filter	Particle filter and carbon filter	Air purified by heating it to over 200°C

Key measurements from the lab test												
<b>Air purification capacity at max 37 dB<sup>1)</sup></b>												
Dust/pollen CADR (m <sup>3</sup> /h)	186/209	91/80	91/92	73/67	130/100	75/95	52/28	58/38	57/38	51/52	29/17	-
Handles a room size of (m <sup>2</sup> ) <sup>2)</sup>	41	18	19	15	24	18	8	10	10	11	5	-
Measured sound level (dB)	34	30	29	32	37	30	26	33	37	36	36	0
<b>Air purification capacity at max power</b>												
Dust/pollen CADR (m <sup>3</sup> /h)	440/507	336/362	272/250	347/299	343/365	355/318	165/169	135/154	122/123	119/125	69/68	-
Handles a room size of (m <sup>2</sup> ) <sup>2)</sup>	99	73	54	67	74	70	35	30	25	25	14	-
Measured sound level (dB)	60	58	58	59	64	65	58	52	58	58	59	0
Power consumption at 37dB/max (W)	23/84	14/53	6/40	4/49	4/28	5/85	26/47	38/56	21/34	10/50	9/37	50/50
Ozone emissions (ppb) <sup>3)</sup>	3,0	11,0	6,0	9,0	5,0	8,0	7,0	6,0	5,0	10,0	5,0	0,0

Test scores on a scale of 1–5 where 5 is best (weight in total score in brackets)												
Purification capacity (60%)	5,0	3,6	3,3	3,4	3,9	3,5	2,5	2,5	2,4	2,4	2,0	-
Sound level (20%)	3,1	3,8	3,9	3,4	2,1	2,9	4,4	4,1	2,9	3,0	2,8	-
Power consumption (10%)	2,7	3,9	4,6	4,4	5,0	3,4	3,5	2,7	4,1	4,2	4,5	-
Ease of use (10%)	3,5	3,0	2,8	3,5	2,3	3,6	3,1	3,5	4,0	2,7	2,7	-
	<b>4,2</b>	<b>3,6</b>	<b>3,5</b>	<b>3,5</b>	<b>3,5</b>	<b>3,4</b>	<b>3,0</b>	<b>2,9</b>	<b>2,8</b>	<b>2,7</b>	<b>2,5</b>	<b>-</b>

Comments												
	<b>Best in test. Highest capacity up to 37 dB and on max power. Relatively high power consumption.</b>	<b>Good capacity on max power. Low sound level.</b>	<b>Good capacity on low power. Low sound level and low power consumption. Intricate filter replacement.</b>	<b>Good capacity on max power. Low power consumption.</b>	<b>Good capacity and low power consumption. High sound level and difficult to handle.</b>	<b>Good capacity on max power but high sound level. Simple filter replacement.</b>	<b>Poor capacity for pollen at low power. Low sound level.</b>	<b>Poor capacity and relatively high power consumption.</b>	<b>Poor capacity. Easy to handle.</b>	<b>Poor capacity and poor design of display and buttons.</b>	<b>Lowest capacity and poor design of display and buttons. Low power consumption.</b>	<b>No measurable purification effect for dust and pollen.</b>

<sup>1)</sup> Acceptable sound level for air purifier according to the Swedish Asthma and Allergy Association. The measurements are taken at the power level closest to (and below) 37 dB.  
<sup>2)</sup> According to the Swedish Asthma and Allergy Association, the air in the room should be purified at least twice an hour.  
<sup>3)</sup> The current threshold value for ozone (EU guidelines) is 55 ppb (parts per billion).