



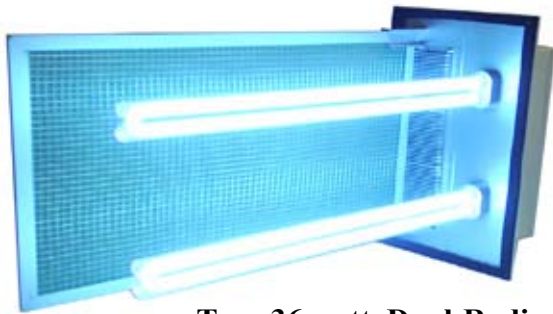
AirGorilla's PCO/UV N-Duct™ -Data Sheet-

Photocatalytic Oxidation (PCO) Filter

29 sq. ft. of contact surface of nano-technology titanium dioxide mesh produces maximum destruction of airborne contaminants with negligible air resistance. Never needs cleaning or replacing.

PCO/UV N-Duct™ Pressure Drop

Air Flow CFM/FPM	Duct Size 13" x 21"	Duct Size 18" x 18"	Duct Size 16" x 20"	Duct Size 20" x 20"	Duct Size 20" x 25"
1250CFM/360FPM	0.04 w.g	.03 w.g	.03 w.g	.03 w.g	.02 w.g
1500CFM/432FPM	0.06 w.g	.05 w.g	.05 w.g	.04 W.g	.03 w.g
2000CFM/576FPM	0.09 w.g	.08 w.g	.08 w.g	.06 w.g	.05 w.g



Two, 36 watt, Dual-Radiant Lamps
Provides over 5 times the killing power of the typical, single 12" UV lamp.

UV Lamp Intensity

Distance from Lamp	Intensity Factor	DualRadiant™ UV Lamps µw/sq.cm	PCO/UV N-Duct Total UV Output µw/sq.cm
2"	32.3	3392	6783
3"	22.8	2394	4788
4"	18.6	1953	3906
6"	12.9	1355	2709
8"	9.85	1034	2069
10"	7.94	834	1667
12"	6.48	680	1361
14"	5.35	562	1124
18"	3.60	378	756
24"	2.33	245	489
36"	1.22	128	256
39.37"	1.00	105	210
48"	0.68	71	143
60"	0.45	47	95
80"	0.26	27	55
100"	0.17	18	36
120"	0.11	12	23

SPECIFICATIONS:

Dimensions

- Mounting Plate: 7" x 13"
- PCO Filter: 11" x 17"
- UV Lamp: 1.75" x 16.25"
- Duct Mounting Hole: 5" x 11"

Weight

- Complete Unit: 4 lbs

Electrical

- 120V-277V, 50/60Hz
- Powercord: 9ft., 3 prong
- UL Listed Electronic Ballast

UV Lamp

- 36 Watt, 105 µw/cm² @ 1 mtr.

Material

- Mounting Plate and Enclosure
Five Retardant ABS

IMPORTANT FEATURES

- Powerful UV Lamps
- Large PCO Contact Surface
- Ease of Installation
cut one hole
- Multi-Voltage UL Listed
Electronic Ballast
- Operational Status LEDs
with Replace UV Lamp
Alert
- Lamp Replacement in Less
than 30 Seconds
- Lifetime Unit Warranty
One Year on Lamps
Three Years on Ballast

