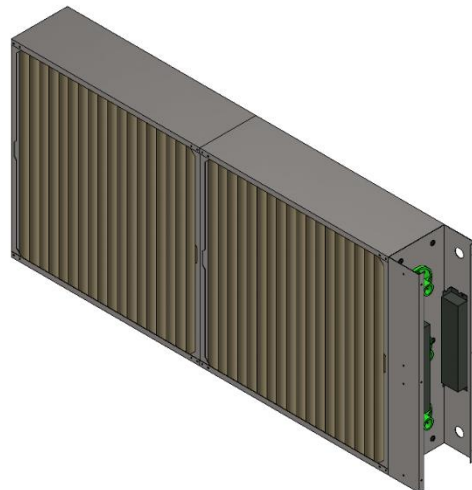


EAGLE (PCP)



THE GENESIS AIR EAGLE IS AN AIR PURIFYING PANEL THAT USES ADVANCED PHOTOCATALYTIC OXIDATION (PCO) TECHNOLOGY TO ELIMINATE VOCs AND VIABLE AIRBORNE MICROORGANISMS.



SIMPLE

Clearly defined cleaning process, easily understood design process, versatile installation, and easy to maintain.

SAFE

Third-party validation of performance on VOCs and bioaerosols, passive technology with no byproducts that could be more harmful than contaminants removed, 20+ years of success.

SUSTAINABLE

0.05" (12 Pa) of air pressure drop at 500 FPM (2.54 m/s) face velocity, low process energy consumption, sustained performance with 15-year panel life

SOLUTIONS

Valued product that meets demands of good indoor air quality and low carbon footprint.

FEATURES

Casing.....	22 Gauge Galvanized Steel
UV Lamp Life	12,000 hours
Min UV Output	775 μ W/cm ²
Max. Air Velocity	500 ft/min
Pressure Drop.....	0.05 in WC.
Power Requirements.....	120V AC @ 50/60 Hz
Parts Warranty	12 months
Certifications.....	UL 900 Class II, UL 2998

NOTE: 1.) UV output is based on end-of-life coverage of entire catalyst at 12,000 hours.

TYPICAL APPLICATIONS

Control of MOLECULAR CONTAMINANTS including odors and VOCs found in buildings such as airports, casinos, schools, restaurants, and indoor agriculture. 4S Centerpoint is also very effective cleaning environmental tobacco smoke and wildfire smoke odors.

Inactivation of MICROORGANISMS including viruses, bacteria, mold, and fungi that challenge hospitals, schools, offices, government buildings, and prisons.

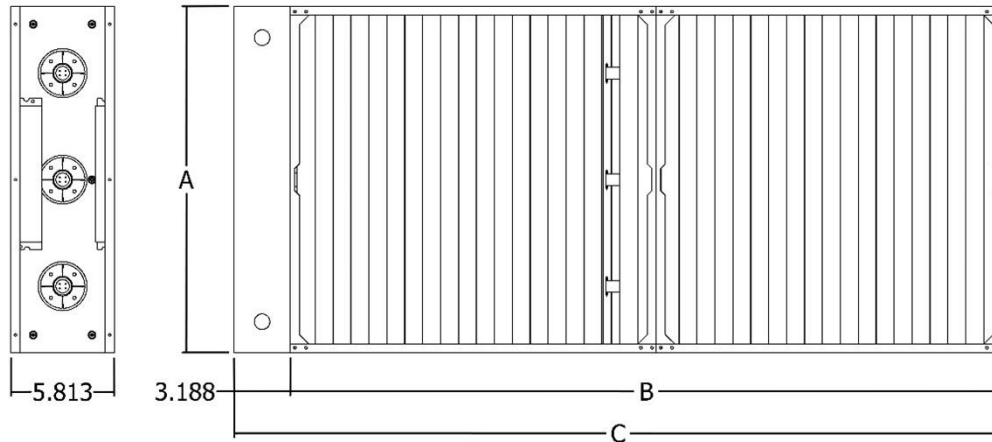
HEALTHY BUILDINGS and ENERGY REDUCTION are both possible when indoor air quality is maintained using ASHRAE Standard 62.1 Indoor Air Quality Procedure (IAQp) that allows for cleaning indoor contaminants and recirculating conditioned air instead of dilution of the contaminants with outdoor air.

PERFORMANCE DATA

MODEL (Height Width PCP)	AIRFLOW RANGE CFM (cmh)	MAXIMUM FACE VELOCITY fpm (m/s)	AIR PRESSURE DROP in w.c. (Pa)	UV LAMP QTY	UV LAMP in (mm)	VOLTAGE	AMPS	WEIGHT lb (kg)
___ ___ PCP	500 – 5167 (850 – 8779)	500 (2.54)	0.05 (12.0)	SEE TABLE	SEE TABLE	120/1/60	SEE TABLE	SEE TABLE

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EAGLE PCP



PERFORMANCE DATA

MODEL	A in (mm)	B in (mm)	C in (mm)	MAXIMUM AIRFLOW cfm (cmh)	CURRENT (amps)	WEIGHT lb (kg)	UV LAMP QTY	UV LAMP LENGTH in (mm)
1212 PCP	11.5 (292)	11.500 (292)	14.938 (379)	500 (849)	0.464	7.348 (3.33)	2	12 (305)
1216 PCP	11.5 (292)	15.500 (393)	18.938 (481)	667 (1133)	0.596	8.224 (3.73)	2	16 (406)
1220 PCP	11.5 (292)	19.500 (495)	22.938 (583)	833 (1416)	0.700	9.099 (4.13)	2	20 (508)
1221 PCP	11.5 (292)	20.625 (524)	24.063 (611)	875 (1487)	0.700	9.335 (4.23)	2	20 (508)
1224 PCP	11.5 (292)	23.500 (597)	26.938 (684)	1000 (1699)	0.872	9.975 (4.52)	2	24 (610)
1228 PCP	11.5 (292)	27.000 (686)	30.438 (773)	1167 (1982)	0.940	12.327 (5.59)	2	28 (711)
1232 PCP	11.5 (292)	31.000 (787)	34.438 (875)	1333 (2265)	1.052	13.203 (5.99)	2	31 (787)
1233 PCP	11.5 (292)	32.500 (826)	35.938 (913)	1375 (2336)	1.052	13.489 (6.12)	2	31 (787)
1236 PCP	11.5 (292)	35.000 (889)	38.438 (976)	1500 (2548)	1.212	14.078 (6.39)	2	36 (914)
1237 PCP	11.5 (292)	36.250 (921)	39.688 (1008)	1542 (2619)	1.212	14.331 (6.50)	2	36 (914)
1240 PCP	11.5 (292)	39.000 (991)	42.438 (1078)	1667 (2832)	1.370	14.954 (6.78)	2	40 (1016)
1241 PCP	11.5 (292)	40.125 (1019)	43.563 (1107)	1708 (2902)	1.370	15.190 (6.89)	2	40 (1016)
1244 PCP	11.5 (292)	43.000 (1092)	46.438 (1180)	1833 (3115)	1.508	15.829 (7.18)	2	44 (1118)
1245 PCP	11.5 (292)	44.125 (1121)	47.563 (1208)	1875 (3186)	1.508	16.065 (7.29)	2	44 (1118)
1246 PCP	11.5 (292)	45.500 (1156)	48.938 (1243)	1917 (3256)	1.508	16.334 (7.41)	2	44 (1118)
1248 PCP	11.5 (292)	47.000 (1194)	50.438 (1281)	2000 (3398)	1.816	16.705 (7.58)	2	48 (1229)
1252 PCP	11.5 (292)	50.500 (1283)	53.938 (1370)	2167 (3681)	1.990	19.057 (8.64)	2	51.5 (1308)
1253 PCP	11.5 (292)	52.000 (1321)	55.438 (1408)	2208 (3752)	1.990	19.343 (8.77)	2	51.5 (1308)
1256 PCP	11.5 (292)	54.500 (1384)	57.938 (1472)	2333 (3964)	2.090	19.933 (9.04)	2	55 (1397)
1257 PCP	11.5 (292)	56.000 (1422)	59.438 (1510)	2375 (4035)	2.090	20.219 (9.17)	2	55 (1397)
1259 PCP	11.5 (292)	58.250 (1480)	61.688 (1567)	2458 (4177)	2.038	20.690 (9.38)	2	59 (1499)
1260 PCP	11.5 (292)	58.500 (1486)	61.938 (1573)	2500 (4247)	2.038	20.808 (9.44)	2	59 (1499)
1261 PCP	11.5 (292)	60.000 (1524)	63.438 (1611)	2542 (4318)	2.038	21.095 (9.57)	2	59 (1499)

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MODEL	A in (mm)	B in (mm)	C in (mm)	MAXIMUM AIRFLOW cfm (cmh)	CURRENT (amps)	WEIGHT lb (kg)	UV LAMP QTY	UV LAMP LENGTH in (mm)
1262 PCP	11.5 (292)	60.750 (1543)	64.188 (1630)	2583 (4389)	2.038	21.280 (9.65)	2	59 (1499)
1612 PCP	15.5 (394)	11.500 (292)	14.938 (379)	667 (1133)	0.696	9.753 (4.42)	3	12 (305)
1616 PCP	15.5 (394)	15.500 (394)	18.938 (481)	889 (1510)	0.894	10.741 (4.87)	3	16 (406)
1620 PCP	15.5 (394)	19.500 (495)	22.938 (583)	1111 (1888)	1.050	11.741 (5.32)	3	20 (508)
1621 PCP	15.5 (394)	20.625 (524)	24.063 (611)	1167 (1982)	1.050	11.994 (5.44)	3	20 (508)
1624 PCP	15.5 (394)	23.500 (597)	26.938 (684)	1333 (2265)	1.308	12.718 (5.77)	3	24 (610)
1628 PCP	15.5 (394)	27.000 (686)	30.438 (773)	1556 (2643)	1.410	15.855 (7.19)	3	28 (711)
1632 PCP	15.5 (394)	31.000 (787)	34.438 (875)	1778 (3020)	1.578	16.843 (7.64)	3	31 (787)
1633 PCP	15.5 (394)	32.500 (826)	35.938 (913)	1833 (3115)	1.578	17.157 (7.78)	3	31 (787)
1636 PCP	15.5 (394)	35.000 (889)	38.438 (976)	2000 (3398)	1.818	17.831 (8.09)	3	36 (914)
1637 PCP	15.5 (394)	36.250 (921)	39.688 (1008)	2056 (3492)	1.818	18.112 (8.22)	3	36 (914)
1640 PCP	15.5 (394)	39.000 (991)	42.438 (1078)	2222 (3775)	2.055	18.820 (8.54)	3	40 (1016)
1641 PCP	15.5 (394)	40.125 (1019)	43.563 (1107)	2278 (3870)	2.055	19.084 (8.66)	3	40 (1016)
1644 PCP	15.5 (394)	43.000 (1092)	46.438 (1180)	2444 (4153)	2.262	19.808 (8.98)	3	44 (1118)
1645 PCP	15.5 (394)	44.125 (1121)	47.563 (1208)	2500 (4247)	2.262	20.072 (9.10)	3	44 (1118)
1646 PCP	15.5 (394)	45.500 (1156)	48.938 (1243)	2556 (4342)	2.262	20.370 (9.24)	3	44 (1118)
1648 PCP	15.5 (394)	47.000 (1194)	50.438 (1281)	2667 (4531)	2.724	20.797 (9.43)	3	48 (1219)
1652 PCP	15.5 (394)	50.500 (1283)	53.938 (1370)	2889 (4908)	2.985	23.933 (10.86)	3	51.5 (1308)
1653 PCP	15.5 (394)	52.000 (1321)	55.438 (1408)	2944 (5002)	2.985	24.247 (11.00)	3	51.5 (1308)
1656 PCP	15.5 (394)	54.500 (1384)	57.938 (1472)	3111 (5286)	3.135	24.922 (11.30)	3	55 (1397)
1657 PCP	15.5 (394)	56.000 (1422)	59.438 (1510)	3167 (5380)	3.135	25.236 (11.45)	3	55 (1397)
1659 PCP	15.5 (394)	58.250 (1480)	61.688 (1567)	3278 (5569)	3.057	25.764 (11.69)	3	59 (1499)
1660 PCP	15.5 (394)	58.500 (1486)	61.938 (1573)	3333 (5663)	3.057	25.910 (11.75)	3	59 (1499)
1661 PCP	15.5 (394)	60.000 (1524)	63.438 (1611)	3389 (5758)	3.057	26.224 (11.90)	3	59 (1499)
1662 PCP	15.5 (394)	60.750 (1543)	64.188 (1630)	3444 (5852)	3.057	26.438 (11.99)	3	59 (1499)
2012 PCP	19.5 (495)	11.500 (292)	14.938 (379)	833 (1416)	0.696	11.014 (5.00)	3	12 (305)
2016 PCP	19.5 (495)	15.500 (394)	18.938 (481)	1111 (1888)	0.894	12.115 (5.50)	3	16 (406)
2020 PCP	19.5 (495)	19.500 (495)	22.938 (583)	1389 (2360)	1.050	13.217 (5.99)	3	20 (508)
2021 PCP	19.5 (495)	20.625 (524)	24.063 (611)	1458 (2478)	1.050	13.509 (6.13)	3	20 (508)
2024 PCP	19.5 (495)	23.500 (597)	26.938 (684)	1667 (2832)	1.308	14.318 (6.49)	3	24 (610)
2028 PCP	19.5 (495)	27.000 (686)	30.438 (773)	1944 (3304)	1.410	17.970 (8.15)	3	28 (711)
2032 PCP	19.5 (495)	31.000 (787)	34.438 (875)	2222 (3775)	1.578	19.071 (8.65)	3	31 (787)
2033 PCP	19.5 (495)	32.500 (826)	35.938 (913)	2292 (3893)	1.578	19.414 (8.81)	3	31 (787)
2036 PCP	19.5 (495)	35.000 (889)	38.438 (976)	2500 (4247)	1.818	20.173 (9.15)	3	36 (914)
2037 PCP	19.5 (495)	36.250 (921)	39.688 (1008)	2569 (4365)	1.818	20.481 (9.29)	3	36 (914)
2040 PCP	19.5 (495)	39.000 (991)	42.438 (1078)	2778 (4719)	2.055	21.274 (9.65)	3	40 (1016)
2041 PCP	19.5 (495)	40.125 (1019)	43.563 (1107)	2847 (4837)	2.055	21.566 (9.78)	3	40 (1016)

EAGLE (PCP)

MODEL	A in (mm)	B in (mm)	C in (mm)	MAXIMUM AIRFLOW cfm (cmh)	CURRENT (amps)	WEIGHT lb (kg)	UV LAMP QTY	UV LAMP LENGTH in (mm)
2044 PCP	19.5 (495)	43.000 (1092)	46.438 (1180)	3056 (5191)	2.262	22.375 (10.15)	3	44 (1118)
2045 PCP	19.5 (495)	44.125 (1121)	47.563 (1208)	3125 (5309)	2.262	22.667 (10.28)	3	44 (1118)
2046 PCP	19.5 (495)	45.500 (1156)	48.938 (1243)	3194 (5427)	2.262	22.993 (10.43)	3	44 (1118)
2048 PCP	19.5 (495)	47.000 (1194)	50.438 (1281)	3333 (5663)	2.724	23.476 (10.65)	3	48 (1220)
2052 PCP	19.5 (495)	50.500 (1283)	53.938 (1370)	3611 (6135)	2.985	27.128 (12.31)	3	51.5 (1308)
2053 PCP	19.5 (495)	52.000 (1321)	55.438 (1408)	3681 (6253)	2.985	27.471 (12.46)	3	51.5 (1308)
2056 PCP	19.5 (495)	54.500 (1384)	57.938 (1472)	3889 (6607)	3.135	28.230 (12.80)	3	55 (1397)
2057 PCP	19.5 (495)	56.000 (1422)	59.438 (1510)	3958 (6725)	3.135	28.572 (12.96)	3	55 (1397)
2059 PCP	19.5 (495)	58.250 (1480)	61.688 (1567)	4097 (6961)	3.057	29.156 (13.22)	3	59 (1499)
2060 PCP	19.5 (495)	58.500 (1486)	61.938 (1573)	4167 (7097)	3.057	29.331 (13.30)	3	59 (1499)
2061 PCP	19.5 (495)	60.000 (1524)	63.438 (1611)	4236 (7197)	3.057	29.673 (13.46)	3	59 (1499)
2062 PCP	19.5 (495)	60.750 (1543)	64.188 (1630)	4306 (7315)	3.057	29.915 (13.57)	3	59 (1499)
2412 PCP	23.5 (597)	11.500 (292)	14.938 (379)	1000 (1699)	0.928	13.285 (6.03)	4	12 (305)
2416 PCP	23.5 (597)	15.500 (394)	18.938 (481)	1333 (2265)	1.192	14.499 (6.58)	4	16 (406)
2420 PCP	23.5 (597)	19.500 (495)	22.938 (583)	1667 (2832)	1.400	15.713 (7.13)	4	20 (508)
2421 PCP	23.5 (597)	20.625 (524)	24.063 (611)	1750 (2973)	1.400	16.033 (7.27)	4	20 (508)
2424 PCP	23.5 (597)	23.500 (597)	26.938 (684)	2000 (3398)	1.744	16.927 (7.68)	4	24 (610)
2428 PCP	23.5 (597)	27.000 (686)	30.438 (773)	2333 (3964)	1.880	21.229 (9.63)	4	28 (711)
2432 PCP	23.5 (597)	31.000 (787)	34.438 (875)	2667 (4531)	2.104	22.443 (10.18)	4	31 (787)
2433 PCP	23.5 (597)	32.500 (826)	35.938 (913)	2750 (4672)	2.104	22.814 (10.35)	4	31 (787)
2436 PCP	23.5 (597)	35.000 (889)	38.438 (976)	3000 (5097)	2.424	23.657 (10.73)	4	36 (914)
2437 PCP	23.5 (597)	36.250 (921)	39.688 (1008)	3083 (5238)	2.424	23.994 (10.88)	4	36 (914)
2440 PCP	23.5 (597)	39.000 (991)	42.438 (1078)	3333 (5663)	2.740	24.871 (11.28)	4	40 (1016)
2441 PCP	23.5 (597)	40.125 (1019)	43.563 (1107)	3417 (5805)	2.740	25.192 (11.43)	4	40 (1016)
2444 PCP	23.5 (597)	43.000 (1092)	46.438 (1180)	3667 (6229)	3.016	26.085 (11.83)	4	44 (1118)
2445 PCP	23.5 (597)	44.125 (1121)	47.563 (1208)	3750 (6371)	3.016	26.406 (11.98)	4	44 (1118)
2446 PCP	23.5 (597)	45.500 (1156)	48.938 (1243)	3833 (6513)	3.016	26.759 (12.14)	4	44 (1118)
2448 PCP	23.5 (597)	47.000 (1194)	50.438 (1281)	4000 (6796)	3.632	27.299 (12.38)	4	48 (1219)
2452 PCP	23.5 (597)	50.500 (1283)	53.938 (1370)	4333 (7362)	3.980	31.601 (14.33)	4	51.5 (1308)
2453 PCP	23.5 (597)	52.000 (1321)	55.438 (1408)	4417 (7504)	3.980	31.972 (14.50)	4	51.5 (1308)
2456 PCP	23.5 (597)	54.500 (1384)	57.938 (1472)	4667 (7926)	4.180	32.815 (14.88)	4	55 (1397)
2457 PCP	23.5 (597)	56.000 (1422)	59.438 (1510)	4750 (8070)	4.180	33.186 (15.05)	4	55 (1397)
2459 PCP	23.5 (597)	58.250 (1480)	61.688 (1567)	4917 (8353)	4.076	33.827 (15.34)	4	59 (1499)
2460 PCP	23.5 (597)	58.500 (1486)	61.938 (1573)	5000 (8495)	4.076	34.030 (15.44)	4	59 (1499)
2461 PCP	23.5 (597)	60.000 (1524)	63.438 (1611)	5083 (8636)	4.076	34.400 (15.60)	4	59 (1499)
2462 PCP	23.5 (597)	60.750 (1543)	64.188 (1630)	5167 (8778)	4.076	34.670 (15.73)	4	59 (1499)