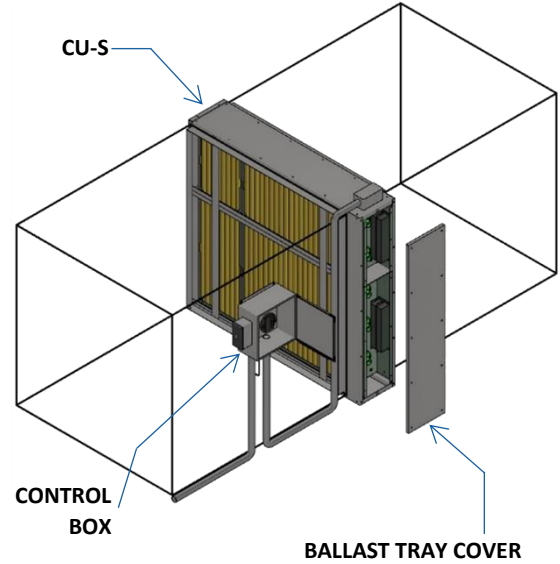


HARRIER (CU)



THE GENESIS AIR HARRIER IS A DUCTED AIR PURIFICATION SYSTEM THAT USES ADVANCED PHOTOCATALYTIC OXIDATION (PCO) TECHNOLOGY TO ELIMINATE VOCs AND VIABLE AIRBORNE MICROORGANISMS.



CU-S IS FOR SUPPLY DUCT SYSTEMS

CU-R IS FOR RETURN DUCT SYSTEMS



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.

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.

FEATURES

Casing.....	20 gauge
Paint.....	Powder Coated
Connection flanges	1-5/16"
UV Lamp Life	12,000 hours
Min UV Output.....	775 μ W/cm ²
Power connection	CU Control Box
Parts Warranty.....	12 months

OPTIONAL ACCESSORIES

- Stainless Steel Housing
- Aluminum Housing
- Differential Pressure Switch
- Insulated Cabinet (with CU-S)
- 2" MERV 13 (with CU-R)
- UV Shield (with CU-R)

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

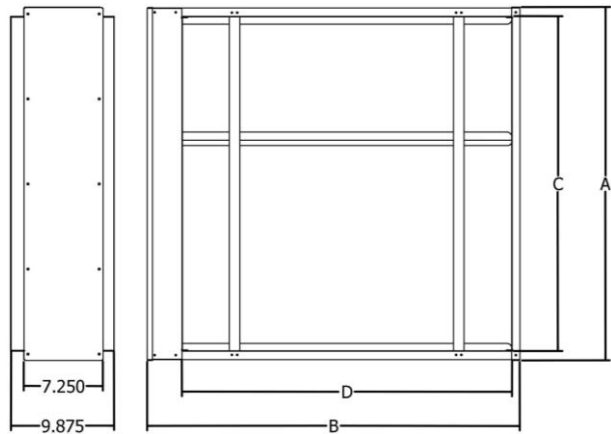
PERFORMANCE DATA

MODEL (Height Width CU)	AIRFLOW RANGE cfm (cmh)	MAXIMUM FACE VELOCITY fpm (m/s)	AIR PRESSURE DROP in w.c. (Pa)	UV LAMP QTY	UV LAMP in (cm)	VOLTAGE	AMPS	WEIGHT lb (kg)
- - CU-S	500 – 18000	500 (2.54)	0.05 (12.0)	SEE TABLE	SEE TABLE	120/1/60	SEE TABLE	SEE TABLE
- - CU-R	(850 – 30582)		0.70 (168)					

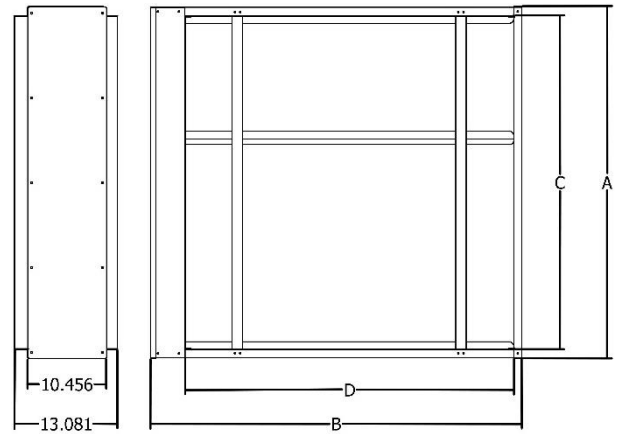
NOTE: CU-R pressure drop includes catalyst pressure drop, pre-filter pressure drop at 0.25 in w.c. (60 Pa), and UV shielding pressure drop at 0.40 in w.c. (96 Pa).

HARRIER (CU)

HARRIER CU-S (SUPPLY)



HARRIER CU-R (RETURN)



HARRIER SIZING TABLE

MODEL	A in (mm)	B in (mm)	C in (mm)	D in (mm)	MAXIMUM AIRFLOW cfm (cmh)	CURRENT (amps)	WEIGHT lb (kg)	LAMP QTY AND LENGTH # – in (mm)
1212 CU	13.42 (341)	15.27 (388)	11.8 (300)	11.26 (286)	500 (850)	0.5	16.0 (7.3)	2 – 12 (305)
1216 CU	13.42 (341)	19.27 (489)	11.8 (300)	15.26 (388)	667 (1133)	0.6	17.5 (7.9)	2 – 16 (406)
1220 CU	13.42 (341)	23.27 (591)	11.8 (300)	19.26 (489)	833 (1415)	0.7	19.6 (8.9)	2 – 20 (508)
1224 CU	13.42 (341)	27.27 (693)	11.8 (300)	23.26 (591)	1000 (1699)	1.0	21.6 (9.8)	2 – 24 (610)
1232 CU	13.42 (341)	35.27 (896)	11.8 (300)	31.26 (794)	1333 (2265)	1.3	28.1 (12.7)	2 – 31 (787)
1240 CU	13.42 (341)	43.27 (1099)	11.8 (300)	39.23 (996)	1667 (2832)	1.7	32.3 (14.7)	2 – 40 (1016)
1248 CU	13.42 (341)	51.27 (1302)	11.8 (300)	47.26 (1200)	2000 (3398)	2.0	36.6 (16.6)	2 – 48 (1219)
1256 CU	13.42 (341)	59.27 (1505)	11.8 (300)	55.26 (1404)	2333 (3964)	2.2	42.4 (19.2)	2 – 55 (1397)
1262 CU	13.42 (341)	65.27 (1658)	11.8 (300)	61.26 (1556)	2583 (4389)	2.3	45.4 (20.6)	2 – 59 (1499)
1275 CU	13.42 (341)	76.56 (1945)	11.8 (300)	72.54 (1843)	3000 (5097)	3.0	53.3 (24.2)	4 – 36 (914)
1612 CU	17.41 (442)	15.27 (388)	15.8 (401)	11.26 (286)	667 (1133)	0.7	19.5 (8.8)	3 – 12 (305)
1616 CU	17.41 (442)	19.27 (489)	15.8 (401)	15.26 (388)	889 (1510)	0.9	21.1 (9.6)	3 – 16 (406)
1620 CU	17.41 (442)	23.27 (591)	15.8 (401)	19.26 (489)	1111 (1888)	1.1	23.6 (10.7)	3 – 20 (508)
1624 CU	17.41 (442)	27.27 (693)	15.8 (401)	23.26 (591)	1333 (2265)	1.6	25.4 (11.5)	3 – 24 (610)
1632 CU	17.41 (442)	35.27 (896)	15.8 (401)	31.26 (794)	1778 (3021)	2.0	32.8 (14.9)	3 – 31 (787)
1640 CU	17.41 (442)	43.27 (1099)	15.8 (401)	39.23 (996)	2222 (3775)	2.5	37.3 (16.9)	3 – 40 (1016)
1648 CU	17.41 (442)	51.27 (1302)	15.8 (401)	47.26 (1200)	2667 (4531)	2.9	41.8 (19.0)	3 – 48 (1219)
1656 CU	17.41 (442)	59.27 (1505)	15.8 (401)	55.26 (1404)	3111 (5286)	3.3	57.5 (26.1)	3 – 55 (1397)
1662 CU	17.41 (442)	65.27 (1658)	15.8 (401)	61.26 (1556)	3444 (5851)	3.5	51.9 (23.5)	3 – 59 (1499)
1675 CU	17.41 (442)	76.56 (1945)	15.8 (401)	72.54 (1843)	4000 (6796)	4.5	61.1 (27.7)	6 – 36 (914)
2012 CU	21.41 (544)	15.27 (388)	19.8 (503)	11.26 (286)	833 (1415)	0.7	21.8 (9.9)	3 – 12 (305)
2016 CU	21.41 (544)	19.27 (489)	19.8 (503)	15.26 (388)	1111 (1888)	0.9	23.5 (10.7)	3 – 16 (406)
2020 CU	21.41 (544)	23.27 (591)	19.8 (503)	19.26 (489)	1389 (2360)	1.1	25.8 (11.7)	3 – 20 (508)
2024 CU	21.41 (544)	27.27 (693)	19.8 (503)	23.26 (591)	1667 (2832)	1.6	36.5 (16.5)	3 – 24 (610)
2032 CU	21.41 (544)	35.27 (896)	19.8 (503)	31.26 (794)	2222 (3775)	2.0	36.2 (16.4)	3 – 31 (787)
2040 CU	21.41 (544)	43.27 (1099)	19.8 (503)	39.23 (996)	2778 (4720)	2.5	40.9 (18.6)	3 – 40 (1016)

HARRIER (CU)

MODEL	A in (mm)	B in (mm)	C in (mm)	D in (mm)	MAXIMUM AIRFLOW cfm (cmh)	CURRENT (amps)	WEIGHT lb (kg)	LAMP QTY AND LENGTH # – in (mm)
2048 CU	21.41 (544)	51.27 (1302)	19.8 (503)	47.26 (1200)	3333 (5663)	2.9	45.6 (20.7)	3 – 48 (1219)
2056 CU	21.41 (544)	59.27 (1505)	19.8 (503)	55.26 (1404)	3889 (6607)	3.3	52.9 (24.0)	3 – 55 (1397)
2062 CU	21.41 (544)	65.27 (1658)	19.8 (503)	61.26 (1556)	4306 (7316)	3.5	56.5 (25.6)	3 – 59 (1499)
2075 CU	21.41 (544)	76.56 (1945)	19.8 (503)	72.54 (1843)	5000 (8495)	4.5	66.4 (30.1)	6 – 36 (914)
2412 CU	25.41 (645)	15.27 (388)	23.8 (605)	11.26 (286)	1000 (1699)	0.9	24.5 (11.1)	4 – 12 (305)
2416 CU	25.41 (645)	19.27 (489)	23.8 (605)	15.26 (388)	1333 (2265)	1.2	26.9 (12.2)	4 – 16 (406)
2420 CU	25.41 (645)	23.27 (591)	23.8 (605)	19.26 (489)	1667 (2832)	1.5	29.3 (13.3)	4 – 20 (508)
2424 CU	25.41 (645)	27.27 (693)	23.8 (605)	23.26 (591)	2000 (3398)	2.1	31.7 (14.4)	4 – 24 (610)
2432 CU	25.41 (645)	35.27 (896)	23.8 (605)	31.26 (794)	2667 (4531)	2.6	40.7 (18.4)	4 – 31 (787)
2440 CU	25.41 (645)	43.27 (1099)	23.8 (605)	39.23 (996)	3333 (5663)	3.4	45.6 (20.7)	4 – 40 (1016)
2448 CU	25.41 (645)	51.27 (1302)	23.8 (605)	47.26 (1200)	4000 (6796)	3.9	50.6 (22.9)	4 – 48 (1219)
2456 CU	25.41 (645)	59.27 (1505)	23.8 (605)	55.26 (1404)	4667 (7929)	4.4	58.6 (26.6)	4 – 55 (1397)
2462 CU	25.41 (645)	65.27 (1658)	23.8 (605)	61.26 (1556)	5167 (8779)	4.7	62.4 (28.3)	4 – 59 (1499)
2475 CU	25.41 (645)	76.56 (1945)	23.8 (605)	72.54 (1843)	6000 (10194)	6.0	75.1 (34.1)	8 – 36 (914)
3220 CU	33.41 (849)	23.27 (591)	31.8 (808)	19.26 (489)	2222 (3775)	1.8	45.9 (20.8)	5 – 20 (508)
3224 CU	33.41 (849)	27.27 (693)	31.8 (808)	23.26 (591)	2667 (4531)	2.6	49.9 (22.6)	5 – 24 (610)
3232 CU	33.41 (849)	35.27 (896)	31.8 (808)	31.26 (794)	3556 (6042)	3.3	61.6 (28.0)	5 – 31 (787)
3240 CU	33.41 (849)	43.27 (1099)	31.8 (808)	39.23 (996)	4444 (7550)	4.2	71.1 (32.3)	5 – 40 (1016)
3248 CU	33.41 (849)	51.27 (1302)	31.8 (808)	47.26 (1200)	5333 (9061)	4.9	78.7 (35.7)	5 – 48 (1219)
3256 CU	33.41 (849)	59.27 (1505)	31.8 (808)	55.26 (1404)	6222 (10571)	5.5	90.4 (41.0)	5 – 55 (1397)
3262 CU	33.41 (849)	65.27 (1658)	31.8 (808)	61.26 (1556)	6889 (11704)	5.9	98.0 (44.5)	5 – 59 (1499)
3275 CU	33.41 (849)	76.56 (1945)	31.8 (808)	72.54 (1843)	8000 (13592)	7.5	120.2 (54.5)	10 – 36 (914)
4020 CU	41.41 (1052)	23.27 (591)	39.8 (1011)	19.26 (489)	2778 (4720)	2.2	53.3 (24.2)	6 – 20 (508)
4024 CU	41.41 (1052)	27.27 (693)	39.8 (1011)	23.26 (591)	3333 (5663)	3.1	57.3 (26.0)	6 – 24 (610)
4032 CU	41.41 (1052)	35.27 (896)	39.8 (1011)	31.26 (794)	4444 (7550)	4.0	70.6 (32.0)	6 – 31 (787)
4040 CU	41.41 (1052)	43.27 (1099)	39.8 (1011)	39.23 (996)	5556 (9440)	5.1	81.0 (36.7)	6 – 40 (1016)
4048 CU	41.41 (1052)	51.27 (1302)	39.8 (1011)	47.26 (1200)	6667 (11327)	5.9	89.0 (40.4)	6 – 48 (1219)
4056 CU	41.41 (1052)	59.27 (1505)	39.8 (1011)	55.26 (1404)	7778 (13215)	6.6	102.2 (46.4)	6 – 55 (1397)
4062 CU	41.41 (1052)	65.27 (1658)	39.8 (1011)	61.26 (1556)	8611 (14630)	7.0	110.6 (50.2)	6 – 59 (1499)
4075 CU	41.41 (1052)	76.56 (1945)	39.8 (1011)	72.54 (1843)	10000 (16990)	9.0	136.3 (61.8)	12 – 36 (914)
4820 CU	49.41 (1255)	23.27 (591)	47.8 (1214)	19.26 (489)	3333 (5663)	2.9	61.4 (27.9)	8 – 20 (508)
4824 CU	49.41 (1255)	27.27 (693)	47.8 (1214)	23.26 (591)	4000 (6796)	4.2	65.7 (29.8)	8 – 24 (610)
4832 CU	49.41 (1255)	35.27 (896)	47.8 (1214)	31.26 (794)	5333 (9061)	5.3	80.4 (36.5)	8 – 31 (787)
4840 CU	49.41 (1255)	43.27 (1099)	47.8 (1214)	39.23 (996)	6667 (11327)	6.8	91.7 (41.6)	8 – 40 (1016)
4848 CU	49.41 (1255)	51.27 (1302)	47.8 (1214)	47.26 (1200)	8000 (13592)	7.8	100.1 (45.4)	8 – 48 (1219)
4856 CU	49.41 (1255)	59.27 (1505)	47.8 (1214)	55.26 (1404)	9333 (15857)	8.8	114.9 (52.1)	8 – 55 (1397)
4862 CU	49.41 (1255)	65.27 (1658)	47.8 (1214)	61.26 (1556)	10333 (17556)	9.4	124.0 (56.3)	8 – 59 (1499)
4875 CU	49.41 (1255)	76.56 (1945)	47.8 (1214)	72.54 (1843)	12000 (20388)	12.0	153.8 (69.8)	16 – 36 (914)
5620 CU	57.41 (1458)	23.27 (591)	55.8 (1417)	19.26 (489)	3889 (6607)	3.3	74.9 (34.0)	9 – 20 (508)
5624 CU	57.41 (1458)	27.27 (693)	55.8 (1417)	23.26 (591)	4667 (7929)	4.7	51.7 (23.4)	9 – 24 (610)
5632 CU	57.41 (1458)	35.27 (896)	55.8 (1417)	31.26 (794)	6222 (10571)	5.9	99.0 (44.9)	9 – 31 (787)
5640 CU	57.41 (1458)	43.27 (1099)	55.8 (1417)	39.23 (996)	7778 (13215)	7.6	110.3 (50.0)	9 – 40 (1016)
5648 CU	57.41 (1458)	51.27 (1302)	55.8 (1417)	47.26 (1200)	9333 (15857)	8.8	118.2 (53.6)	9 – 48 (1219)

HARRIER (CU)

MODEL	A in (mm)	B in (mm)	C in (mm)	D in (mm)	MAXIMUM AIRFLOW cfm (cmh)	CURRENT (amps)	WEIGHT lb (kg)	LAMP QTY AND LENGTH # – in (mm)
5656 CU	57.41 (1458)	59.27 (1505)	55.8 (1417)	55.26 (1404)	10889 (18501)	9.9	144.7 (65.6)	9 – 55 (1397)
5662 CU	57.41 (1458)	65.27 (1658)	55.8 (1417)	61.26 (1556)	12056 (20483)	10.5	154.8 (70.2)	9 – 59 (1499)
5675 CU	57.41 (1458)	76.56 (1945)	55.8 (1417)	72.54 (1843)	14000 (23786)	13.5	191.0 (86.6)	18 – 36 (914)
6020 CU	61.41 (1560)	23.27 (591)	59.8 (1519)	19.26 (489)	4167 (7080)	3.3	24.5 (11.1)	9 – 20 (508)
6024 CU	61.41 (1560)	27.27 (693)	59.8 (1519)	23.26 (591)	5000 (8495)	4.7	26.9 (12.2)	9 – 24 (610)
6032 CU	61.41 (1560)	35.27 (896)	59.8 (1519)	31.26 (794)	6667 (11327)	5.9	29.3 (13.3)	9 – 31 (787)
6040 CU	61.41 (1560)	43.27 (1099)	59.8 (1519)	39.23 (996)	8333 (14158)	7.6	31.7 (14.4)	9 – 40 (1016)
6048 CU	61.41 (1560)	51.27 (1302)	59.8 (1519)	47.26 (1200)	10000 (16990)	8.8	40.7 (18.4)	9 – 48 (1219)
6056 CU	61.41 (1560)	59.27 (1505)	59.8 (1519)	55.26 (1404)	11667 (19822)	9.9	45.6 (20.7)	9 – 55 (1397)
6062 CU	61.41 (1560)	65.27 (1658)	59.8 (1519)	61.26 (1556)	12917 (21946)	10.5	50.6 (22.9)	9 – 59 (1499)
6075 CU	61.41 (1560)	76.56 (1945)	59.8 (1519)	72.54 (1843)	15000 (25485)	13.5	58.6 (26.6)	18 – 36 (914)
7220 CU	73.41 (1865)	23.27 (591)	71.8 (1824)	19.26 (489)	5000 (8495)	4.4	62.4 (28.3)	12 – 20 (508)
7224 CU	73.41 (1865)	27.27 (693)	71.8 (1824)	23.26 (591)	6000 (10194)	6.2	75.1 (34.1)	12 – 24 (610)
7232 CU	73.41 (1865)	35.27 (896)	71.8 (1824)	31.26 (794)	8000 (13592)	7.9	45.9 (20.8)	12 – 31 (787)
7240 CU	73.41 (1865)	43.27 (1099)	71.8 (1824)	39.23 (996)	10000 (16990)	10.1	49.9 (22.6)	12 – 40 (1016)
7248 CU	73.41 (1865)	51.27 (1302)	71.8 (1824)	47.26 (1200)	12000 (20388)	11.8	61.6 (28.0)	12 – 48 (1219)
7256 CU	73.41 (1865)	59.27 (1505)	71.8 (1824)	55.26 (1404)	14000 (23786)	13.3	71.1 (32.3)	12 – 55 (1016)
7262 CU	73.41 (1865)	65.27 (1658)	71.8 (1824)	61.26 (1556)	15500 (26335)	14.0	78.7 (35.7)	12 – 59 (1219)
7275 CU	73.41 (1865)	76.56 (1945)	71.8 (1824)	72.54 (1843)	18000 (30582)	18.0	90.4 (41.0)	24 – 36 (914)