



The Commercial PHI Unit by RGF® is designed to reduce odors, air pollutants, VOCs (chemical odors), smoke, mold bacteria and viruses. The unit is easily mounted onto air conditioning and heating system air ducts where most sick building and IAQ problems start. When the HVAC system is in operation, the PHI-Cell® technology creates an Advanced Oxidation Process consisting of Hydro-peroxides, super oxide ions and hydroxide ions. All are friendly oxidizers that revert back to oxygen and hydrogen after the oxidation of the pollutant. The system is fully assembled for easy installation.

FEATURES:

- Reduces surface and airborne bacteria, mold, odors, viruses and VOCs

Engineered to fit specific cfm applications in large commercial and industrial environments

Commercial 20 - Housing is 20" L	# of cells	Length of cell	CFM Coverage	Tonnage	*	*
CML-25	1	14"	9,730	25	0.25A	30W
CML-50	2	14"	19,460	50	0.55A	72W
CML-75	3	14"	29,120	75	0.90A	108W
CML-100	4	14"	38,920	100	1.10A	132W
Commercial 35 - Housing is 35" L	# of 35" cells	# of 14" cells	CFM Coverage	Tonnage		
CML-65	1	0	25,020	65	0.60A	72W
CML-90	1	1	34,750	90	0.87A	104W
CML-115	1	2	44,480	115	1.20A	144W
CML-125	2	0	50,040	125	1.10A	132W
CML-140	1	3	54,210	140	1.10A	192W
CML-150	2	1	59,770	150	1.10A	132W
CML-180	2	2	69,500	180	1.80A	216W
CML-190	3	0	75,060	190	1.70A	204W
CML-215	3	1	84,790	215	2.05A	246W
CML-250	4	0	100,080	250	2.15A	258W

CML-COMMERCIAL PHI UNIT

The CML Commercial PHI Unit by RGF® is designed for large commercial and industrial buildings and is effective at eliminating Sick Building Syndrome (SBS) and Dirty Sock Syndrome (DSS) risks.

The modular design of the CML's will allow greater versatility in regards to CFM's required. The Commercial 20 series utilizes up to four (4) 14" PHI-Cells for a maximum 100 ton HVAC system. The Commercial 35 series is designed to use a combination of four (4) different 35" PHI-Cells. The possible range of coverage with this series includes a total of ten (10) combinations ranging between 65 to 250 ton HVAC systems with one single housing unit.

Occupants in buildings with an HVAC unit capacity exceeding 25 tons will benefit from breathing clean, fresh air, with sanitized duct systems and conditioned spaces.

APPLICATIONS:

- U.S. Military approved for mold reduction in field hospitals.
- U.S. and International Hospital approval for the fight against infectious disease: 99% reduction of Staph (MRSA)
- Major U.S. city school reports 20% reduction in absenteeism
- Tested and approved by the Chinese government for protection against the deadly SARS virus.
- Approved by the USDA, FSIS, and FDA for use in food processing plants. Employed to reduce microbial contamination of food being processed.
- Cruise lines use it as a safety measure against Norwalk Virus outbreaks.