

US Indoor: Airius PureAir Series



AIRIUS

PUREAIR

Improve indoor air quality for employees and customers



US Indoor: Airius: Overview

- Introduction of Airius Fans
- PHI Technology
- Applying Fans
- Availability & Lead Times



Airius Fan Technologies



Air Pear 60-EC, 115V, 1825 CFM, 170 watts, 58 feet from nozzle to floor

AIRIUS[®]

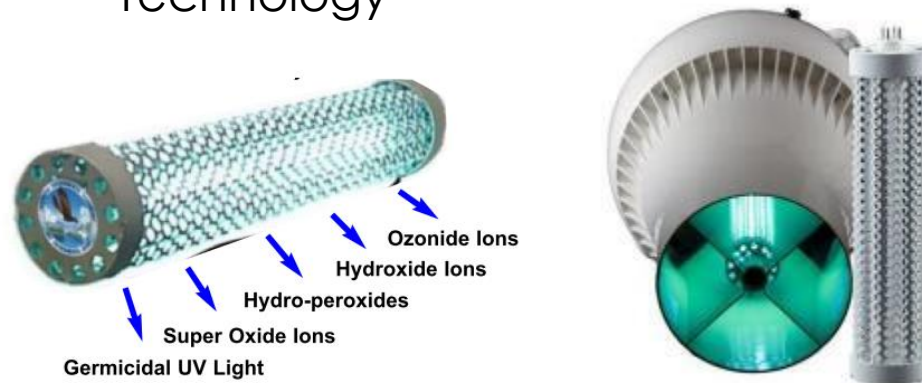
The World Standard
For Destratification

- Durable
- Lightweight
- Easy to install
- Hyper efficient
- Multidirectional airflow
- Available in off the shelf and custom colors
- Warranty and refurbish program
- Unit size and quantity tailorable to project
- Thermally homogenize enclosed spaces with ceiling heights from 8-125 feet, mitigating hot and cold spots
- Provide air movement to alleviate stagnation and create evaporative cooling effect
- Balance humidity
- Material reduction strategy

PHI Technology

PHI Technology was developed and distributed by RGF Environmental (West Palm Beach, FL).

- Combination of UV Light and Metallic Cage
- Metallic cage reacts with the UV light to create “Advanced Oxidation Technology”



RGF[®]
ENVIRONMENTAL GROUP, INC.

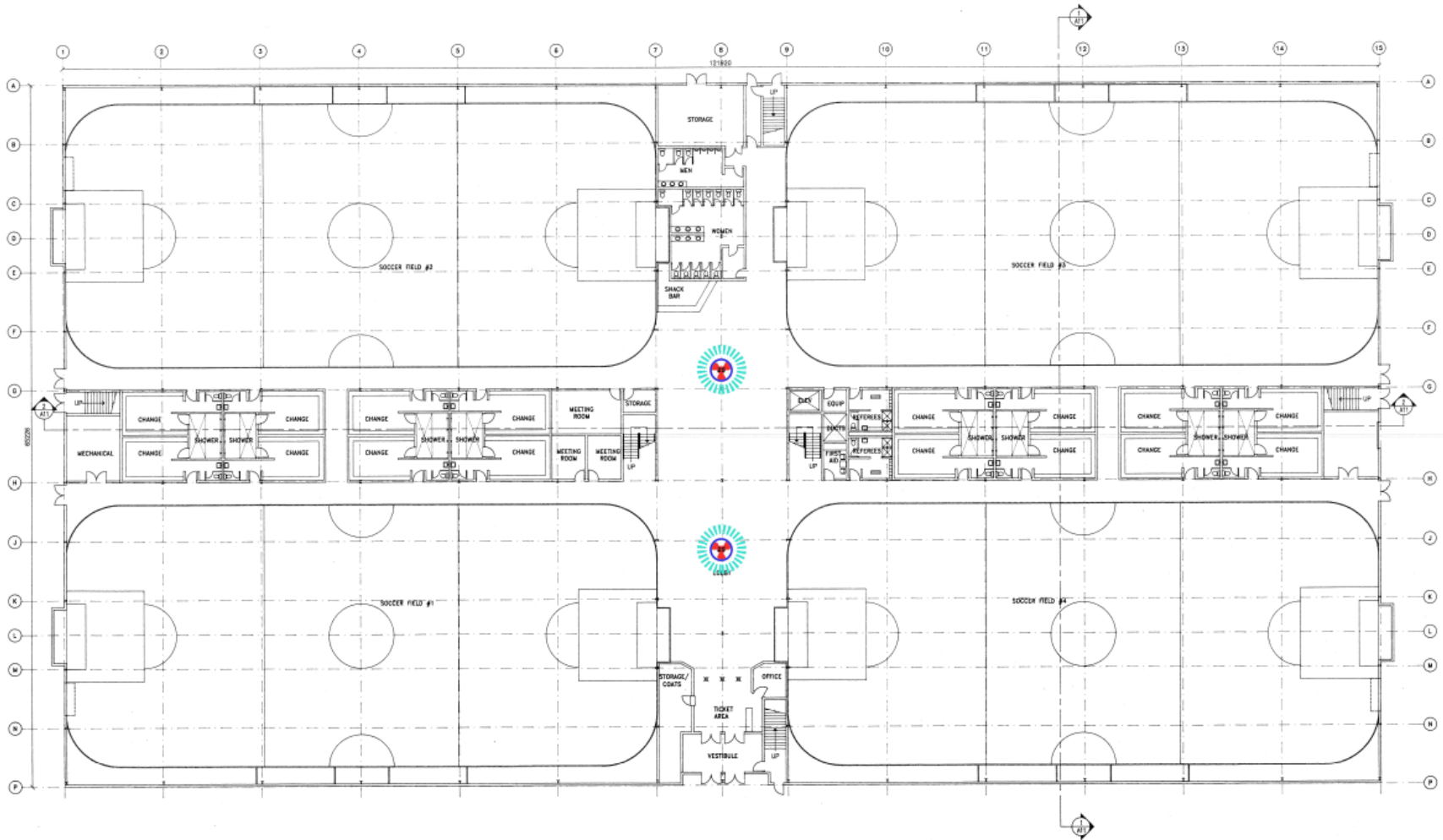
*information gathered from RGF.com and RGF support documents

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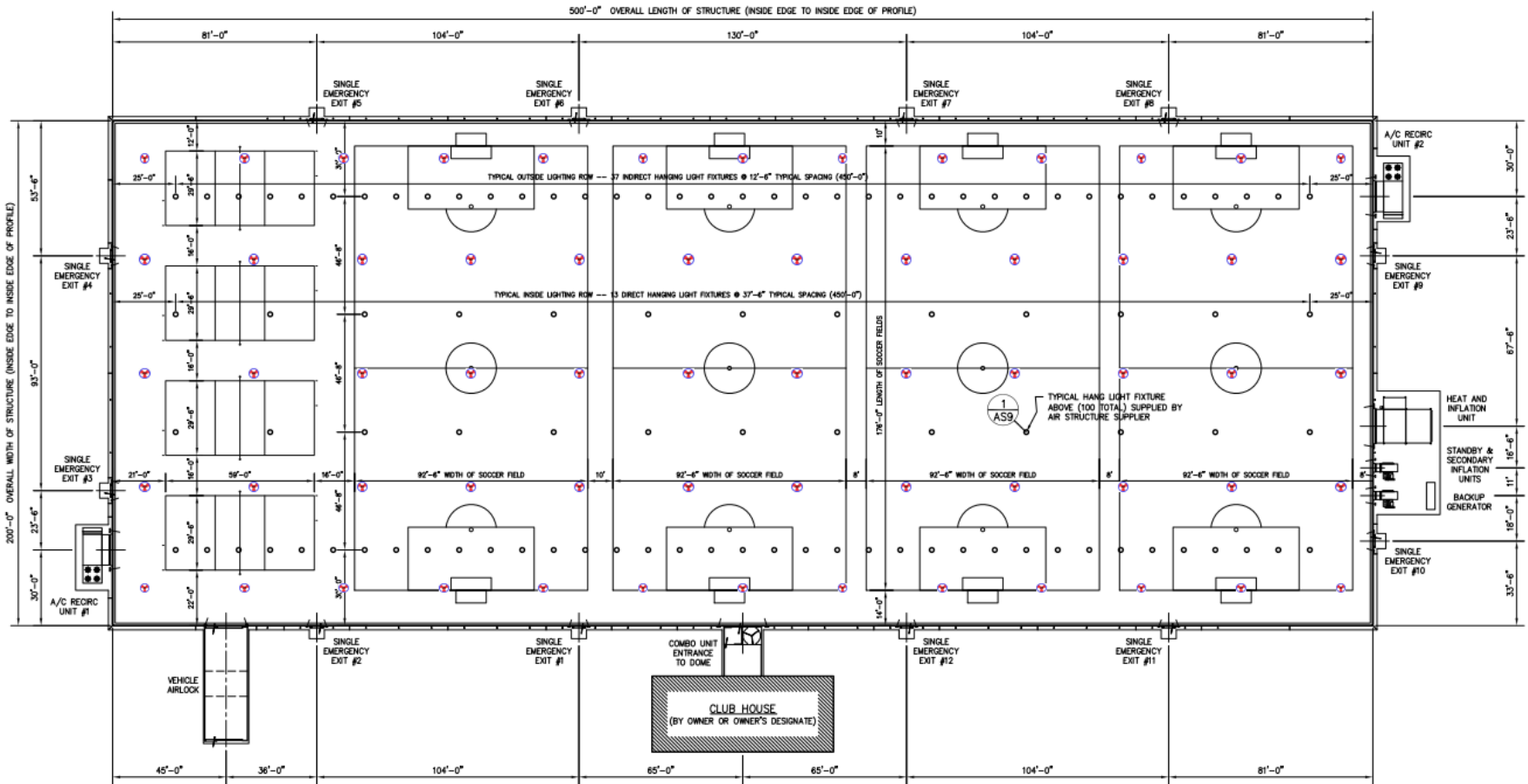
	Reduction	Time Period	Tested By
MRSA	99%	24 Hours	Kansas State University
NORWALK VIRUS	99%	24 Hours	Midwest Research Institute
BIRD & SWINE FLU	99%	24 Hours	Kansas State University
PSEUDOMONAS SP.	99%	24 Hours	Kansas State University
BACILLUS SPP.	99%	24 Hours	Kansas State University
CANDIDA ALBICANS	99%	24 Hours	Kansas State University
E. COLI	99%	48 Hours	Kansas State University
STREPTOCOCCUS PNEUMONIAE	99%	48 Hours	Kansas State University
STAPHYLOCOCCUS AUREUS	99%	48 Hours	Kansas State University
BACILLIUS GLOBIGII	99%	48 Hours	Kansas State University
STACHYBOTRYS CHARTARUM	99%	48 Hours	Kansas State University
STREPTOCOCCUS SP.	96%	24 Hours	Kansas State University
SARS	73%	24 Hours	NEI-Chinese Government
LISTERIA	99%	48 Hours	Kansas State University, Steris Labs, KAG, Eco Labs
OZONE / EMF	-	-	FSIS, UL, ETL, TUV, CSA, ISSES, Disney
ODOURS	-	-	
Pet Odours	72%	24 Hours	C&W Engineering
Perfume Odours	63%	24 Hours	
Cleaning Chemicals	55%	24 Hours	
SMOKE	-	-	
Odour	70%	24 Hours	C&W Engineering
Particulates	25%	24 Hours	
CHEMICAL COMPOUNDS	-	-	
Methyl Mercaptan	100%	24 Hours	NELAP Accredited Independent Lab
Butyl Acetate	100%	24 Hours	
Methyl Metharcylne	100%	24 Hours	
Hydrogen Sulfide	80%	24 Hours	
Carbon Disulfide	30%	24 Hours	
VOCs	-	-	
D-limonene	98%	24 Hours	NELAP Accredited Independent Lab
Toluene	29%	24 Hours	
Methyl Ethyl Ketone	13%	24 Hours	
MOULD	-	-	
Bacteria	99%	48 Hours	California Microbiology Center, Independent Accredited Lab - IBR, Kansas State University, University of Florida, United States Air Force, R&D Labs, C&W Engineering, University of Cincinnati, Kane Regional Hospital
Mould	97-98%	48 Hours	
Yeast	90+%	48 Hours	

*information gathered from RGF.com and RGF support documents

Design Assistance



Design Assistance



1 AS11 FLOOR PLAN LAYOUT OF STRUCTURE (INTERIOR VIEW)
SCALE 1/24"=1'-0"

Design Assistance

