

TECHNOLOGY COMPARATIVE ANALYSIS

Technology	Active or Passive System	Breaks chain of infection (in all 7 areas)	Produces no negative by-products	Disinfects indoor air	Disinfects surfaces	Self regulating	No adverse affects on equipment
CIMR®	Active	X	X	X	X	X	X
CIMR® with Ionization	Active	X	X	X	X	X	X
CIMR® with Ionization and HEPA	Active	X	X	X	X	X	X
HEPA Filter	Passive			X			X
HEPA Filter with UV	Passive		X	X			X
HEPA with carbon filter and UV	Passive		X	X			X
UV Light	Passive			X			X
Photocatalytic Oxidation	Active	X		X	X		
Ozone	Active			X	X		
Bipolar Ionization	Active			X			X
Electrostatic air filter	Passive			X			
Electrostatic spray	Passive				X		
Vapor	Passive			X	X		

An Active System aggressively seeks and deactivates both aerosolized and surface pathogens in indoor shared air.

A Passive System relies on the pathogens to be circulated through the equipment in order to remove them from the indoor shared air.