



RESPA[®]

Clean Air for Operators & HVAC



SY-KLONE[®] INTERNATIONAL Regulatory Compliance with RESPA Cab Air Quality System

The operator enclosure, where your operator spends the most time, is the easiest and most cost-effective environment to control and has the **MOST IMPACT** on reducing operator exposure levels to below Permissible Exposure Limits.

OSHA SILICA RULE

29 CFR Parts 1910, 1915, and 1926 • Table 1: Specified Exposure Control Methods

"Start with an enclosed cab that can hold pressure..."

1 FRESH AIR: RESPA-CF2
Powered Precleaner/High-Efficiency Filter/Pressurizer

"...is under positive pressure maintained through continuous delivery of fresh air (MERV 16 filtration or better)"

2 MONITOR: Pressure Monitor

"...continuous indicator of cab performance"

3 RECIRCULATED AIR: RESPA-CFX or RESPA-FFX2
High-Efficiency MERV 16 Filtration

"...is maintained as free as practicable from settled dust"



RESPA[®] is effective against:

- Asbestos
- Beryllium
- Coal Dust
- Diesel Particulate Matter (DPM)
- Respirable Crystalline Silica (RCS) and more

Scientifically proven and field tested, RESPA technology has been the subject of more research studies on cab air quality and is the most recommended system in the world today.

1 FRESH AIR



RESPA®-CF2

Powered Precleaner
High-Efficiency Filtration
Pressurizer

2 MONITOR



Pressure Monitor

Alerts Operator to loss of pressure
Indicates when filter change is needed

3 RECIRCULATED AIR



OR



RESPA®-FFX2

Non-Powered
High-Efficiency
Filtration

RESPA®-CFX

Powered
High-Efficiency
Filtration

FILTERS TO MEET EVERY NEED:

High-Efficiency MERV 16* / F9

- Our most cost effective high efficiency filter
- Constructed from self-cleaning Nano technology high efficiency filter media
- Provides 1000 hours of filter life in most applications
- Meets OSHA Silica Rule requirement for MERV 16 or higher filtration

HEPA

- When high efficiency 0.3 micron P3/H13 filtration is an absolute requirement
- Gives long service intervals when incorporated into the RESPA system
- The most cost effective HEPA solution in the market today

Odor/HEPA

- Combines odor filtration with HEPA (P3/H13) particulate filtration
- Defined as Odor Filter under ISO 11155-2 (2002)

Gas/HEPA

- Defined as ABEK1 under EN12941
- Combines gas filtration with HEPA (P3/H13) particulate filtration
- Excellent for known gas environments

*MERV 16 filter media

RadialSHIELD®

HIGH-EFFICIENCY FILTRATION



Radial Seal provides 100% seal integrity

PRESSURE MONITOR

Sy-Klone's Electronic Pressure Monitor System meets or exceeds pressure monitoring device compliance standards for:

- CE Compliant (EU)
- Canadian OSHA
- EN15695 (EU Agricultural Sprayer Cab Category 3-4 Cabs)
- MSHA underground mining applications (USA)
- AIOH (Australian Institute of Occupational Hygenists)
- Health Safety Executive recommended device (UK-AG7, CN8, CN11)



THE REAL
WORLD IS OUR
LABORATORY.
CLEAN AIR
IS OUR
MISSION.™