

SMOKE FREE COFFEE ROASTING

BUCKEYE ELECTROSTATIC PRECIPITATOR



COFFEE WITHOUT THE SMOKE

Smoke in the City or even in a small town can be a problem. Whether the ordinances in your community or the businesses or residents around your shop are effected you could be asked to reduce smoke or smoke odor in your shop or roastery.

This could put your business at risk...
...What to do?



Solution: Remove smoke with a PHOENIX ORO
Smoke Suppression System



BUCKEYE ARIZONA COFFEE ROASTERS OFFERS AFFORDABLE SMOKE SUPPRESSION SYSTEMS

MORE AND MORE CITIES AND COUNTIES ARE REQUIRING LOCAL BUSINESSES TO CONTROL THE SMOKE AND SMOKE ODOR THAT IS PRODUCED IN THEIR BUSINESSES

CLEAN FRESH AIR IS A GOOD THING WE NEVER WANT TO TAKE FOR GRANTED. BUT OFTEN IN BUSINESS AND PRODUCTION AREAS IT CAN BE A REAL CHALLENGE RUNNING A PROFITABLE BUSINESS WHILE KEEPING THE NATURAL BEAUTY OF YOUR COMMUNITY AT ITS BEST. FOR YEARS THE ONLY OPTION FOR THE COFFEE ROASTING INDUSTRY HAS BEEN EXTREMELY EXPENSIVE AFTERBURNERS. AND THERE HAS BEEN DEBATE OVER THE TECHNOLOGY USED IN AFTERBURNERS AND THEIR OVERALL EFFECT ON THE ENVIRONMENT.

CHANGE IS IN THE AIR!

FINALLY AN AFFORDABLE SOLUTION IS AVAILABLE FOR THE MICRO ROASTING INDUSTRY:

**THE BUCKEYE ELECTROSTATIC
PRECIPITATORS**



WHAT MAKES OUR SMOKE SUPPRESSION SYSTEMS STAND AHEAD OF THE REST?

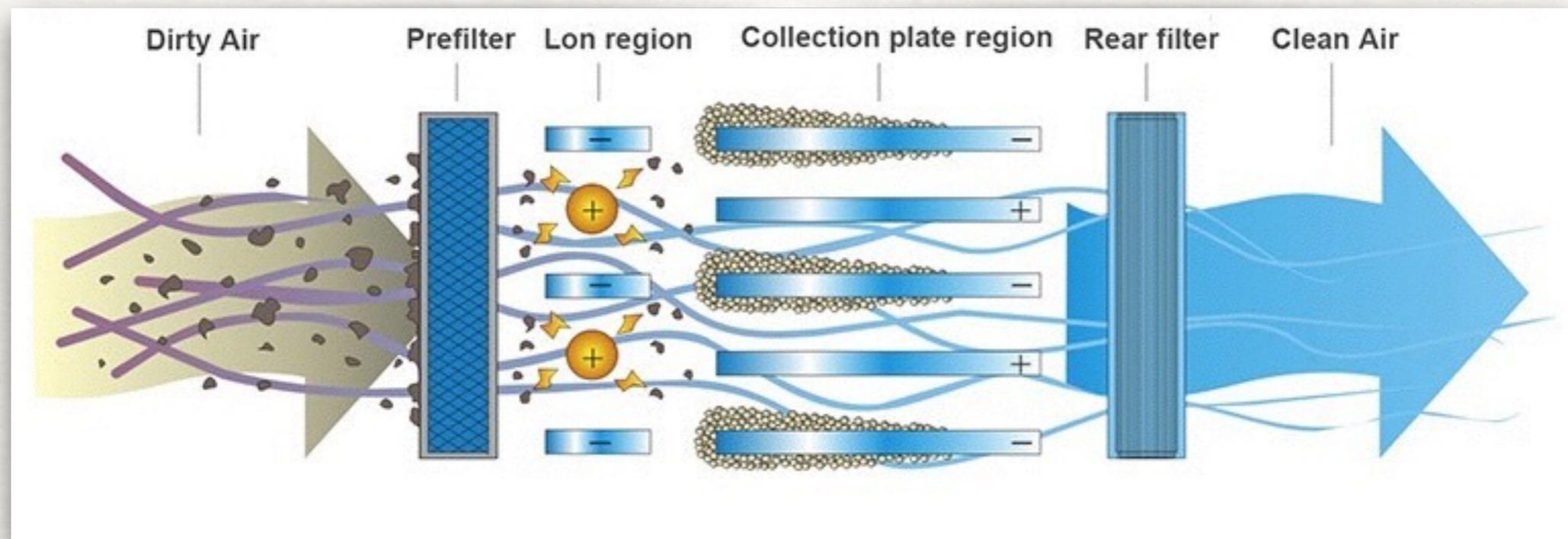
3 THINGS:

1. **PRICE-**
OUR SMOKE FILTERS SYSTEMS ARE ABOUT 1/3 THE PRICE OF THE NEAREST COMPETITOR
2. **QUALITY BUILD-**
NOT ONLY ARE THE STANDS HEAVY DUTY BUT ALSO CONTAIN THE BEST COMPONENTS
3. **TRIPLE FILTER SYSTEM-**
OUR UNITS HAVE 3 FILTER SYSTEMS TO ELIMINATE THE SMOKE AND MOST OF THE SMELL FROM SMOKE OR ROASTING



HOW IT WORKS:

EXCLUSIVE 3 WAY FILTER SYSTEM ON THE ORO LINE



Smoke from roaster enters filter with some debris that may get past chaff unit. It next goes through the (1) pre-filter to catch particles. The next filtration occurs with (2) air ionizer filters which remove particle smoke from air which are attracted to electrode collection plate region of filter similar to static electricity. Then air filters through a final rear (3) air filter. Note: On the ORO Brand filters we use a custom designed carbon filter to further reduce smoke odor.

IMPORTANT NOTE: ALL FILTERED AIR STILL MUST BE EXHAUSTED OUT OF BUILDING AS SOME TOXIC CHEMICALS MAY REMAIN PLUS AIR IS FULL OF CARBON MONOXIDE

3 SIZES FOR YOUR NEEDS

T-BAR SYSTEMS

Designed to work with all gas and electric roasters from sample roasters up to 7 lb. units

The T-Bar System is our most economical model for clients on a budget. It will illuminate smoke from roasts as big as 6-7 lb. up into first crack. Some smoke may be released if roasting into 2nd crack. It will also aid in smoke odor reduction up to 50%



T-Bar System



PHOENIX ORO ELECTROSTATIC PRECIPITATOR

In 2 sizes designed around the ORO line but can be adapted for most all roasters:

The ORO Line is a step forward in Air Quality control with 3 filtration systems in one:

1. Electrostatic Precipitator
2. Debris filter
3. Carbon Filter to reduce extra odors

THE 2.5 SIZE WORKS ON ROASTERS UP TO 3lb.
While the ORO 5/8 will work on roasters from 3 to 8 lb.

CHOOSE M3 OR M4 MODELS FOR THE ORO ROASTERS



SHOWN ABOVE IS THE M3 MODEL

If using filter on the Phoenix Roasters be sure to order one that matches your Roaster type.

M3 Filters are made for the Phoenix Basic Models and any roaster you may have ordered from the Phoenix line that has the 3 motor system and single exhaust system * M3 FILTERS ARE ONLY MADE FOR PHOENIX M3 MODELS

M4 Filters are made for the Phoenix ORO Models and any roaster you may have ordered from the Phoenix line that has the 4 motor system and dual exhaust system. The M4 Filter will work in most brand drum roasters and may even work with some fluid roasters

M4 MODELS FIT ALL BRAND ROASTERS:

M4 MODELS

Come equipped with an additional built on exhaust motor to aid in pulling exhaust out of filter after cleaning air

Only the chaff exhaust pipe hooks into filter as exhaust from cooling tray is mostly just hot air

You can get both ORO 2.5 and ORO 5/8 Smoke Suppression Systems in M4 Models and these will work on drum roasters up to 7 to 8 lb. units

You can use permanent piping from roaster to filter of your choice. We recommend either flexible Stainless Steel piping or solid stainless piping

*PICTURE SHOWS TEMPORARY ALUMINUM PIPE



M4-ORO 2.5 FILTER ABOVE*

TECHNICAL SPECIFICATIONS:

*T-BAR SPECS:

VOLTAGE: 220V 50/60Hz
300W

SIZE: 100x70x73 CM or
40x28x29 inches

SIZE OF STAND WITHOUT
ROASTER:

NET WEIGHT: 120kg
264lb.

Gross Weight: 140kg
308lb.

A voltage converter may
be used with unit to run
on 110V

* The T Bar series are light
weight stands and not as big
as the ORO Type

ORO 2.5 FILTER SPECS:

VOLTAGE: 220V 50/60Hz
150W

SIZE: 110x64x190 CM or
43x26x75 inches with an
attached ORO 2.5 Roaster

SIZE OF STAND WITHOUT
ROASTER:

44x26x34 inches

NET WEIGHT: 120kg
264lb.

Gross Weight: 140kg
308lb.

If running with an ORO
roaster we can have all
electric ran into roaster if
custom ordered at time of
purchased.

A voltage converter may
be used with unit to run
on 110V

ORO 5/8 FILTER SPECS:

VOLTAGE: 220V 50/60Hz
300W

SIZE: 150x76x195 CM or
59x30x77 inches with an
attached ORO 5 Roaster

SIZE OF STAND WITHOUT
ROASTER:

59x30x34 inches

NET WEIGHT: 120kg
264lb.

Gross Weight: 140kg
308lb.

If running with an ORO
roaster we can have all
electric ran into roaster if
custom ordered at time of
purchased.

A voltage converter may
be used with unit to run
on 110V

ORDER YOUR SMOKE SUPPRESSION FILTERS FROM YOUR NEARBY SALES REPS:

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BUCKEYE, AZ 85326

623.332.1360

RANDY@BUCKEYECOFFEE.COM

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602.428.3448

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614.565.4391