

SMOKE FREE COFFEE ROASTING

BUCKEYE ELECTROSTATIC PRECIPITATOR



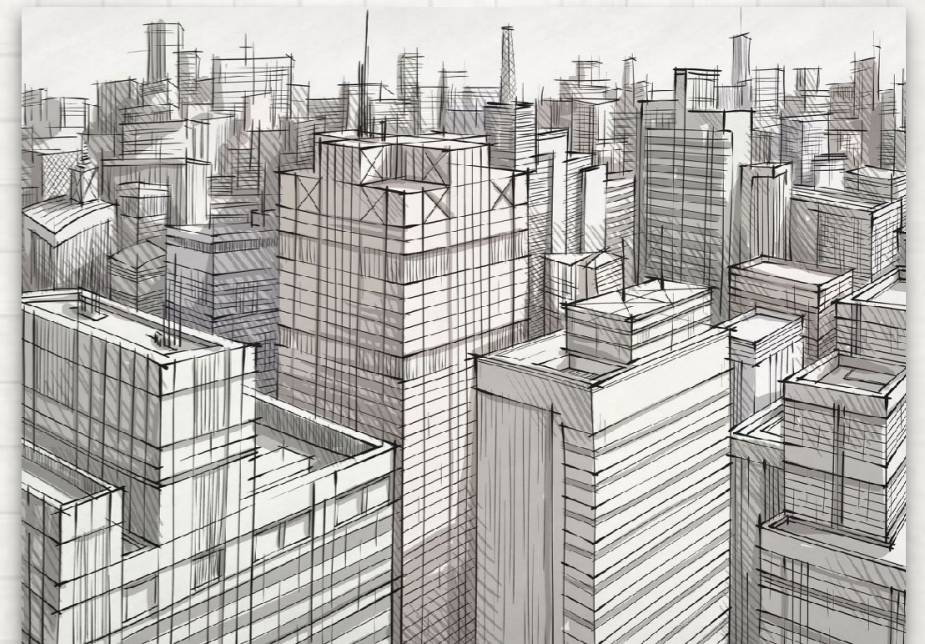
COFFEE WITHOUT THE SMOKE

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 affected 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:

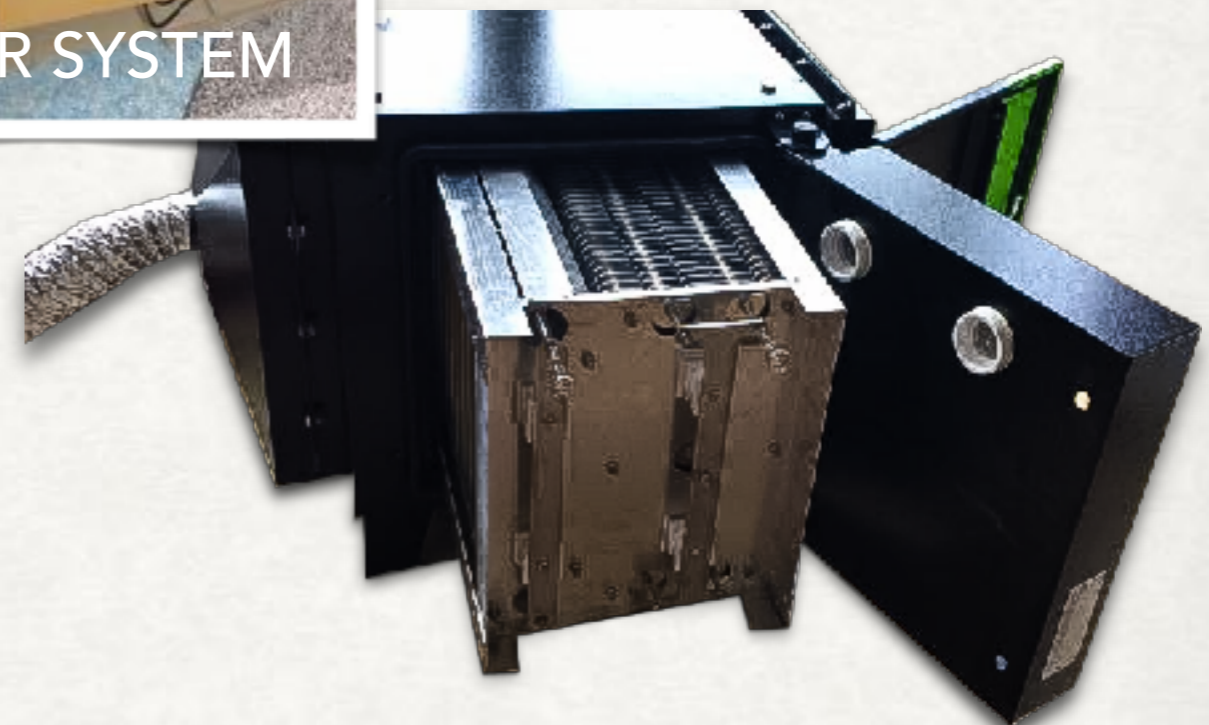
**THE BUCKEYE ELECTROSTATIC
PRECIPITATORS**



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

3 THINGS:

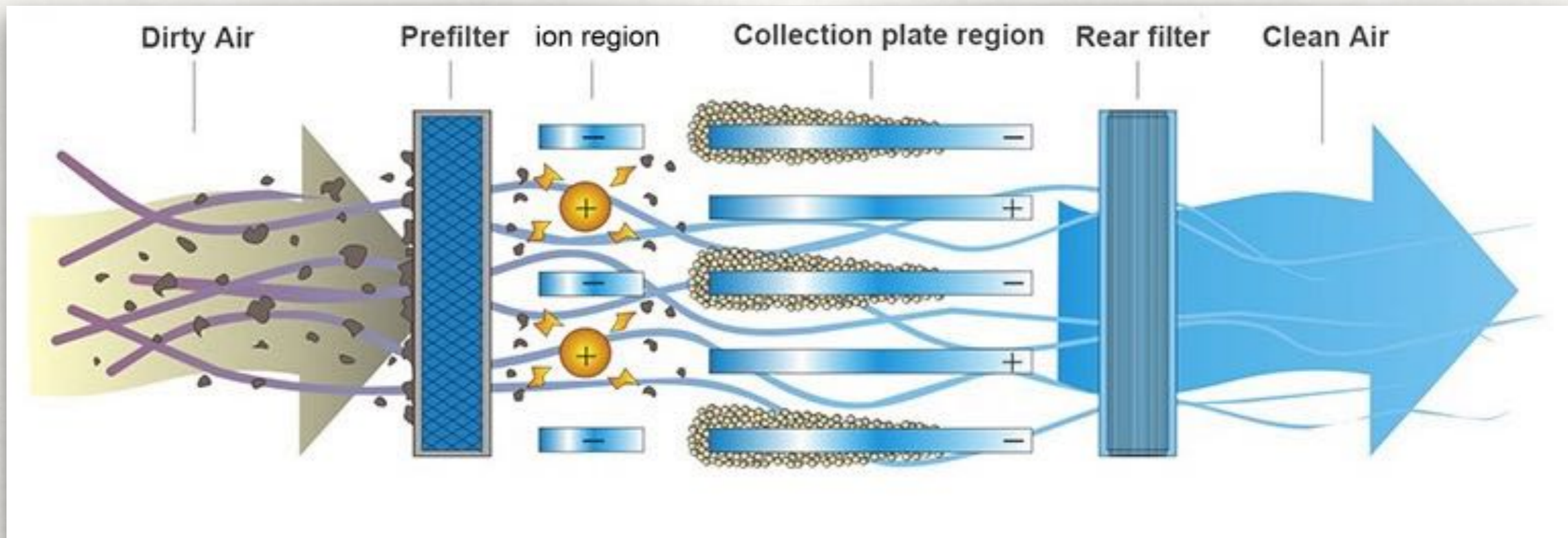
1. **PRICE-**
OUR SMOKE FILTERS SYSTEMS ARE ABOUT 1/3 THE PRICE OF THE NEAREST COMPETITOR
3. **QUALITY BUILD-**
NOT ONLY ARE THE STANDS HEAVY DUTY BUT ALSO CONTAIN THE BEST COMPONENTS
5. **MULTI-PURPOSE SYSTEMS** CHOSE THE FEATURES AND TYPE UNIT YOU NEED. NEED ONLY SMOKE REMOVAL? OR DO YOU ALSO NEED TO REMOVE SMOKE ODOR? NEED A STAND FOR YOUR ROASTER? OR DO YOU PREFER YOUR FILTER OUT OF THE WAY?



CLEAR SKY BRAND

HOW IT WORKS:

MULTIPLE SYSTEMS USED IN EACH MODEL



ION ELECTRONIC PRECIPITATOR in every model.

- (1) ALL HAVE A **PRE-FILTER** TO CATCH PARTICLES. THE NEXT FILTRATION OCCURS WITH THE **AIR IONIZER FILTER** WHICH REMOVE PARTICLE SMOKE FROM AIR WHICH ARE ATTRACTED TO TO ELECTRODE COLLECTION PLATE REGION OF FILTER SIMILAR TO STATIC ELECTRICITY. THEN DEPENDING ON THE MODEL YOU CHOOSE SOME HAVE ADDED ACTIVE CARBON FILTERS TO CONTROL SMOKE ODOR AND OTHERS HAVE OPTIONAL UV ODOR CONTROL.
- (2) **NOTE:** THE T-BAR SYSTEM USES ONE ION FILTER & PRE-FILTER WHILE THE **ORO DOUBLE ION FILTER** USES TWO ION FILTERS & THE ORO CARBON UNIT USES ONE ION FILTER & ONE ACTIVE CARBON FILTER. THE CLEAR SKY SYSTEM USES A WASHABLE CARBON FILTER WITH ION FILTER AND YOU CAN ADD AN OPTIONAL UV FILTER FOR ODOR CONTROL
- (3) **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 ELIMINATE SMOKE FROM ROASTERS FROM 1LB. TO 4LB. UP INTO FIRST CRACK. IT CAN BE USED ON ROASTERS AS BIG AS THE ELITE 3200 BUT SOME SMOKE MAY BE RELEASED IF ROASTING INTO 2ND CRACK. *THIS UNIT ONLY ELIMINATES MINIMAL SMOKE ODOR



T-Bar System



ORO CARBON PRO & ORO DOUBLE ION ELECTROSTATIC PRECIPITATOR

THE ORO IN 2 MODELS

THE ORO LINE IS A STEP FORWARD IN AIR QUALITY CONTROL WITH UP TO 3 FILTRATION SYSTEMS IN ONE:

1. ELECTROSTATIC PRECIPITATOR
2. DEBRIS FILTER
3. *CARBON FILTER TO REDUCE EXTRA ODORS

*Activated Carbon Filter only available on the ORO CARBON PRO MODEL. FILTER MUST BE REPLACED EVERY 4-6 MONTHS DEPENDING ON USAGE

CHOOSE M3 OR M4 MODELS FOR THE ORO ROASTERS



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 (M3) 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 even with some fluid roasters up to 10Kg with good success

SHOWN ABOVE IS THE M3 MODEL

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 CARBON PRO and ORO DOUBLE ION Smoke Suppression Systems in M4 Models and these will work as either stand for smaller roasters or may be connected to larger roasters

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

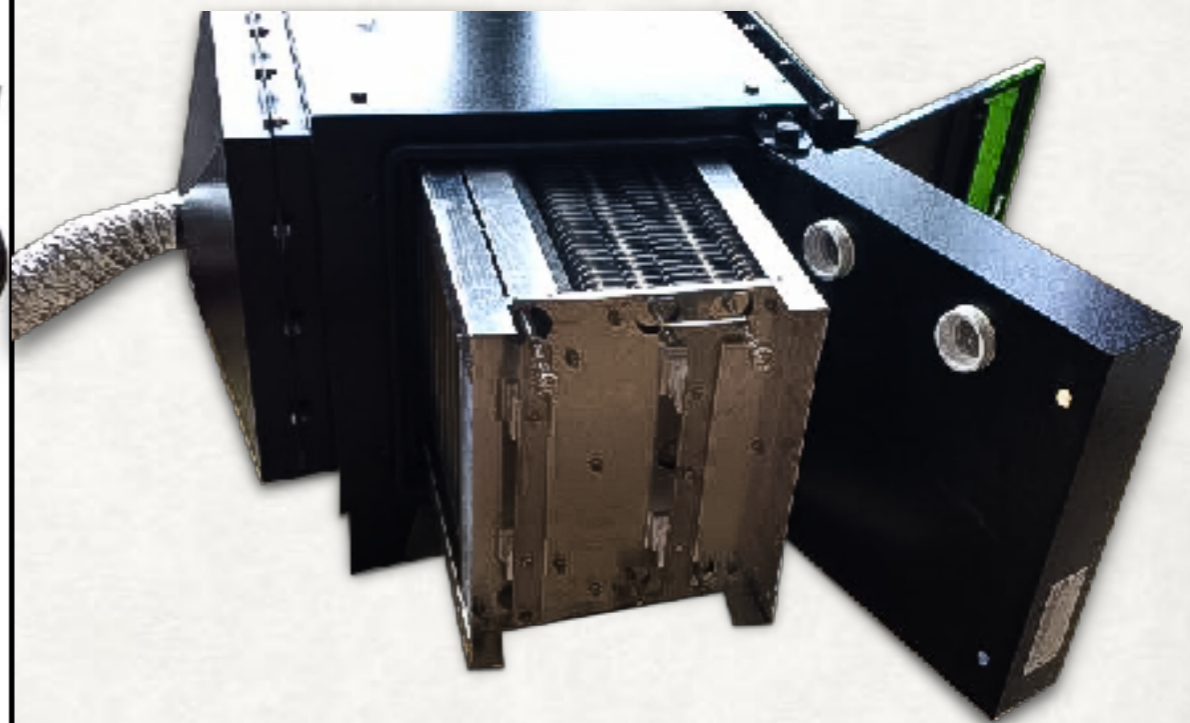


M4-ORO 2.5 FILTER ABOVE*

CLEAR SKY

SMOKE SUPPRESSION SYSTEMS

FOR CLIENTS THAT DO NOT NEED A STAND FOR THEIR ROASTER OR WISH TO PLACE FILTER ALONG THE EXHAUST SYSTEM PATH OUT OF THE WAY



CLEAR SKY ION SYSTEM

CLEAR SKY WITH UV ODOR CONTROL SYSTEM

WHEN SMOKE REMOVAL IS NOT ENOUGH



UV (high-energy ultraviolet light) has been scientifically shown to reduce the causes of most odors. This is becoming one of the most affordable options to reduce and even eliminate many odors.

If **Smoke Odor** is a concern you have or is causing a problem in your community then a **CLEAR SKY UV SMOKE SUPPRESSION SYSTEM** is what you need to clear the air and move forward in the Micro Roasting Business.



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

CONTACT SALES REP FOR PIPE
SIZES. DUCTWORK ADAPTERS CAN
BE USED TO FIT MOST PIPE SIZES

ORO CARBON PRO SPECS: M4 SIZE

VOLTAGE: 220V 50/60Hz
SIZE OF STAND WITHOUT
ROASTER ON STAND:

44x37x32 inches
(LxWxH)

NET WEIGHT: 343lb.
Gross Weight: 462lb.

If running with an ORO roaster we can have all
electric ran into roaster if custom ordered at time of
purchased.
220V Electric

A voltage converter may be used with unit to run on
110V. One can be purchased at extra cost

ORO DOUBLE ION M4 SIZE

VOLTAGE: 220V 50/60Hz
SIZE OF STAND WITHOUT
ROASTER:

44x37x31.5 inches
NET WEIGHT: 145kg
343lb.

Gross Size & Weight:
48x40x38 inches (LxWxH)
454lb.

If running with an ORO roaster we can have all
electric ran into roaster if custom ordered at time of
purchased.
220V Electric

A voltage converter may be used with unit to run on
110V. One can be purchased at extra cost

CLEAR SKY

PRO SPECS:

VOLTAGE: 220V 50/60Hz

SIZE OF FILTER

(41x33x28) LxWxH inches
1020*830*695 mm (LxWxH)

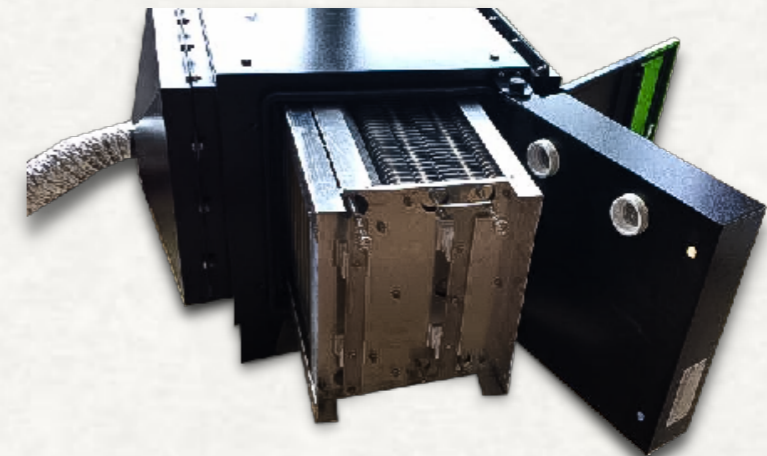
SIZE OF FILTER WITH UV ODOR CONTROL:

(52x33x28) LxWxH inches
1320*830*695 mm (LxWxH) CLEAR

SKY SIZED FOR YOUR ROASTER:

CS-4000- for roasters up to 8lb.
CS-6000- for roasters up to 14lb.
CS-8000- for roasters up to 30lb.

A voltage converter may be used with unit to run on
110V. One can be purchased at extra cost



CLEAR SKY MODELS:

CAN BE SETUP OUT OF THE WAY OF WORK AREA

MORE SIZES COMING SOON IN 4TH QUARTER OF 2017

ORDER YOUR SMOKE SUPPRESSION FILTERS FROM YOUR NEARBY SALES REPS:

BUCKEYE ARIZONA ROASTING COMPANY

202 N 4TH STREET

BUCKEYE, AZ 85326

623.332.1360

RANDY@BUCKEYECOFFEE.COM

Arizona Rep: Brian Anderson - brian@buckeyecoffee.com

951.204.3879

California Rep: Eric Morales - eric@buckeyecoffee.com

602.428.3448

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423.797.8688