2025 BC-25 'CLASSIC' SW & DW

BY BCROASTERS.COM

THE BEST OF THE CLASSIC ROASTERS!

THE 2025 BC-25 MODELS KEEP ALL THE GREAT FEATURES OF THE PREVIOUS YEARS WITH SOME NEW DESIGN FEATURES IN THE NECK & HOPPER RELEASE PLUS MORE HEAVY DUTY FEATURES IN THE BODY OF ROASTER. SOME OF THE UPDATED FEATURES ADDED IN THE PAST COUPLE YEARS ARE LISTED AND FEATURED BELOW:

1. NEW PROTECTIVE NECK AND HOPPER GATEWAY DESIGN
2. EXTRA HD BODY FEATURES WITH ADDED STAINLESS STEEL
3. NEW ELECTRICAL CIRCUIT BREAKER SYSTEM
4. NEW FRONT BEARING SYSTEM THAT ALLOWS ON THE FLY DRUM ALIGNMENTS
5. EASY ACCESS TO BACK DRUM SYSTEM FOR MAINTENANCE
6. A NEW BACK DRUM SHAFT WHEEL FOR QUICK REMOVAL OF BEANS IN THE EVENT OF A POWER OUTAGE WHILE ROASTING
7. TWO WAYS TO CONTROL AIRFLOW VIA THE MANUAL DIAL DAMPER PLUS PRECISE AIR FLOW CONTROL VIA A FAN SPEED CONTROLLER POWERED BY A 3 PHASE MOTOR AND CONVERTER
8. NEW FRONT ENTRY DOOR TO BURNER ROOM ALLOWING QUICK MAINTENANCE WHEN NEEDED
9. NEW DATA LOGGER COMPUTER CHIP TO ALLOW DIRECT BLUETOOTH CONNECTIVITY WHILE USING ARTISAN SOFTWARE.
10. NEW IGNITER SYSTEM MODULE

ADD ALL THE ABOVE TO THE MANY PREVIOUS FEATURES WE HAVE ADDED OVER THE LAST SEVERAL YEARS AND YOU HAVE THE MOST ADVANCED BC-25 ROASTER ON THE MARKET.

THE BC-25 HD IS THE WORKHORSE IN THE BC LINE. IT WILL ROAST UP TO 125LB. PER HOUR. IT FEATURES EASY TO USE CONTROL PANEL WITH BUILT IN SAFETY FEATURES SUCH AS PILOT LIGHT, AND MANY OTHER FEATURES TO ENSURE SAFE OPERATION. COMPLETE AIRFLOW CONTROL VIA THE MDDS AIRFLOW SYSTEM. LED LAMP TO LIGHT THE WAY AND LOCKING CASTERS TO MAKE FOR EASY MOVING AND SETUP. DIRECT CONNECT CHAFF UNIT FOR REDUCED FOOTPRINT AND GREATER EFFICIENCY.

IN 2022 WE ADDED MORE HEAVY DUTY FEATURES SUCH AS A NEW HD CHAFF FAN AND HD GAS GAUGE PLUS NEW CUSTOM MADE 3MM THICK THERMOCOUPLES FOR QUICK RESPONSE. A MAG AIRFLOW GAUGE IS INCLUDED & YOU CAN ALSO ADD AN OPTIONAL COOLING TRAY COVER.

"GET YOUR ROAST ON!"

BC-25 HD	GAS TYPE
Batch Size	6-25lb.
Roasting Time	10-15 minutes
Production	96-125lb.hr
Heat Source	NG/LPG
Voltage	220V
Wattage	900W
Drum Motor	200W
Chaff Fan Motor	180W*
Cooling Fan Motor	370W
MIXING ARM	90W
BTU	86,400
NG PRESSURE	7-14WC
LPG PRESSURE	MAX. 16-20WC
Gas Consumption	1.2kg/hr
Roaster Dim.	66x42x74 (LxWxH)
Roaster Weight	1254lb.
Package Dimensions	71x46x65 1365lb.

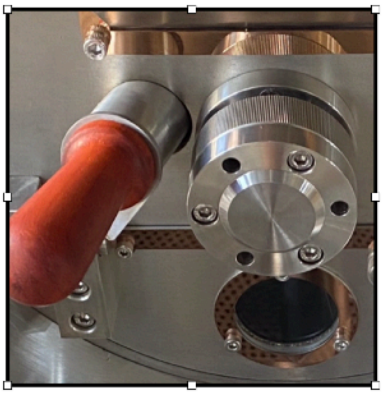
*OPTIONAL 370W CHAFF FAN AVAILABLE UPON REQUEST

FEATURES

DRUM TYPE
TEMPERTURE CONTROL
THERMOCOUPLES
CONTROL PANEL
WARRANTY
PARTS AVAILABLE
DATA LOGGING
THERMOCOUPLES

SINGLE OR DOUBLE WALL
2 OMRON CONTROLS W/BT & ET
K-TYPE FOR BT & ET
BT & ET VEIW ON PANEL
1 YEAR PARTS & INSTRUCTION
10 YEAR PARTS GUARANTEE IN STOCK
USB & BT DATA LOGGING
3MM CUSTOM PROBES

SOME STANDARD KEY FEATURES



NEW FRONT BEARING SYSTEM

EASY ACCESS BELT COVER

NEW DRUM SHAFT WHEEL

NEW NECK & HOPPER RELEASE

NEW PRECISE ELECTRONIC AIRFLOW CONTROL

FRONT BURNER ROOM DOOR

NEW CIRCUIT BREAKER SYSTEM

PLUS NEW BLUETOOTH DIRECT CHIP FOR ARTISAN!

NEW IGNITER SYSTEM

ALL BC ROASTERS OFFER THE MAG AIRFLOW CONTROL GAUGE

PLUS MANY MORE STANDARD FEATURES

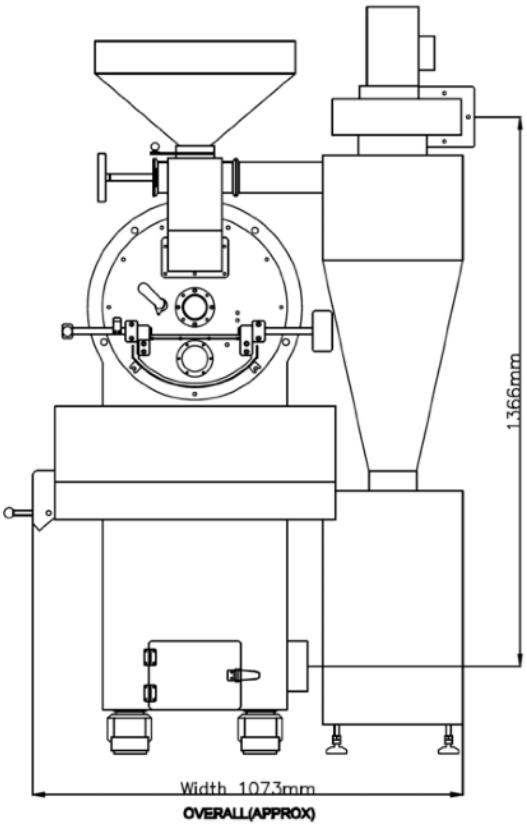
ALL INCLUDED AT NO EXTRA COST TO YOU!

THE BC-25 HD IS A HEAVY DUTY ROASTER BUILT WITH A CARBON STEEL BODY WITH APPROVED POWDER COAT HIGH TEMPERATURE BODY IN BLACK, RED OR WHITE & SPECIAL ORDER PURPLE. THE HOUSINGS COME IN A VARIETY OF CHOICES.

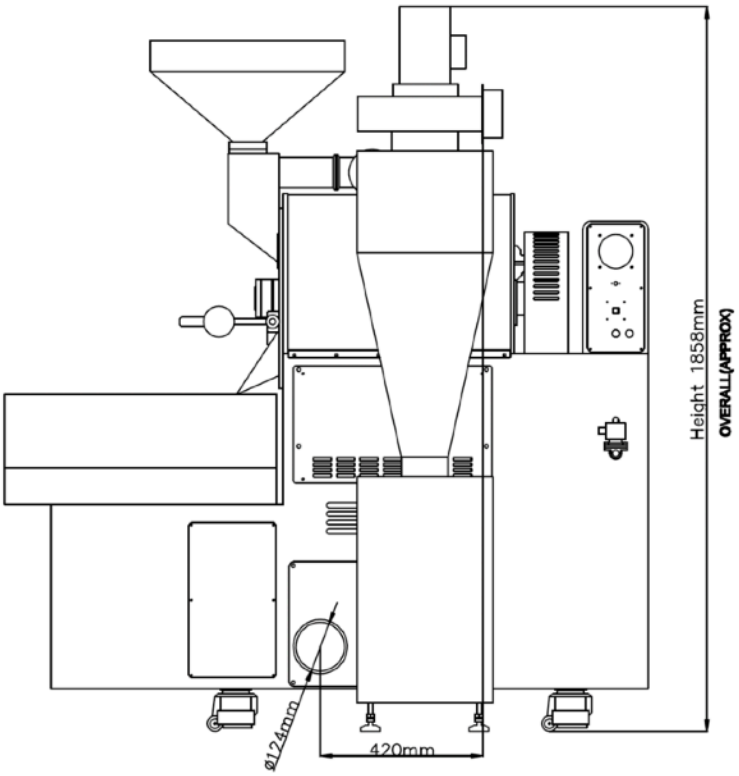
TWO EXHAUST PIPE COME OFF THE BC-25. BOTH VENTS HAVE 5" CONNECTIONS. THE CHAFF EXHAUST AT 5" AS SHOWN BELOW AND CAN BE EXHAUSTED SEPARATELY OUT OF BUILDING OR JOINED TO THE 5" COOLING EXHAUST WITH A BLAST DAMPER OR BACKDRAFT DAMPER ABOVE CHAFF UNIT. (5" OR 6" HIGH TEMPERATURE VENTING IS RECOMMENDED WHEN VENTING EACH SEPARATELY)

***CLIENT IS RESPONSIBLE TO CONFIRM ACTUAL VENTING SIZES ON MACHINE RECEIVED PRIOR TO ORDERING THEIR VENTING**

2023/24 BC-25 Drawings



2023/24 BC-25 Drawings



COMPUTER DATA LOGGING VIA ARTISAN SOFTWARE

RECORD ROASTS VIA USB OR BLUETOOTH TO DUPLICATE PROFILES USING ARTISAN SOFTWARE.

ARTISAN SOFTWARE

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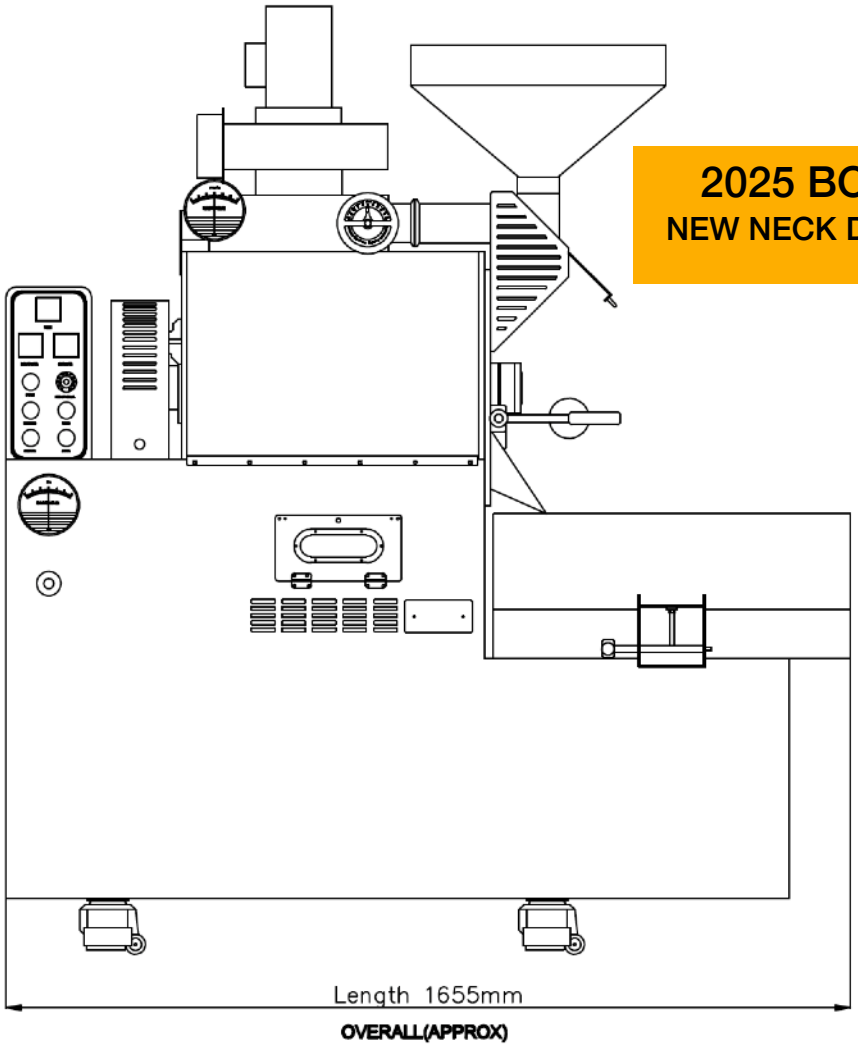
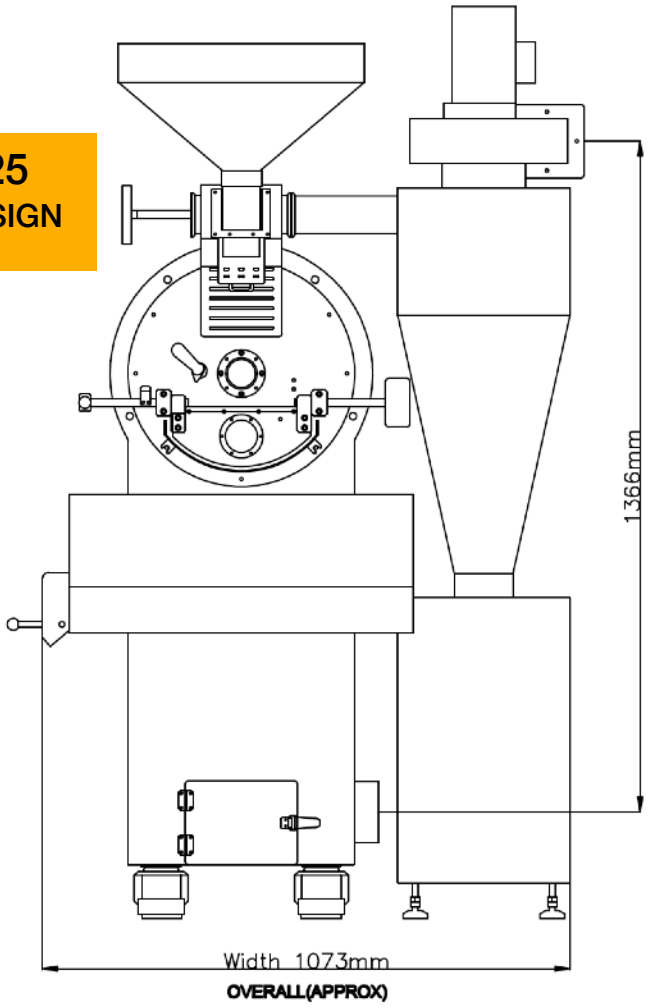
2025 BC-25
NEW NECK DESIGN



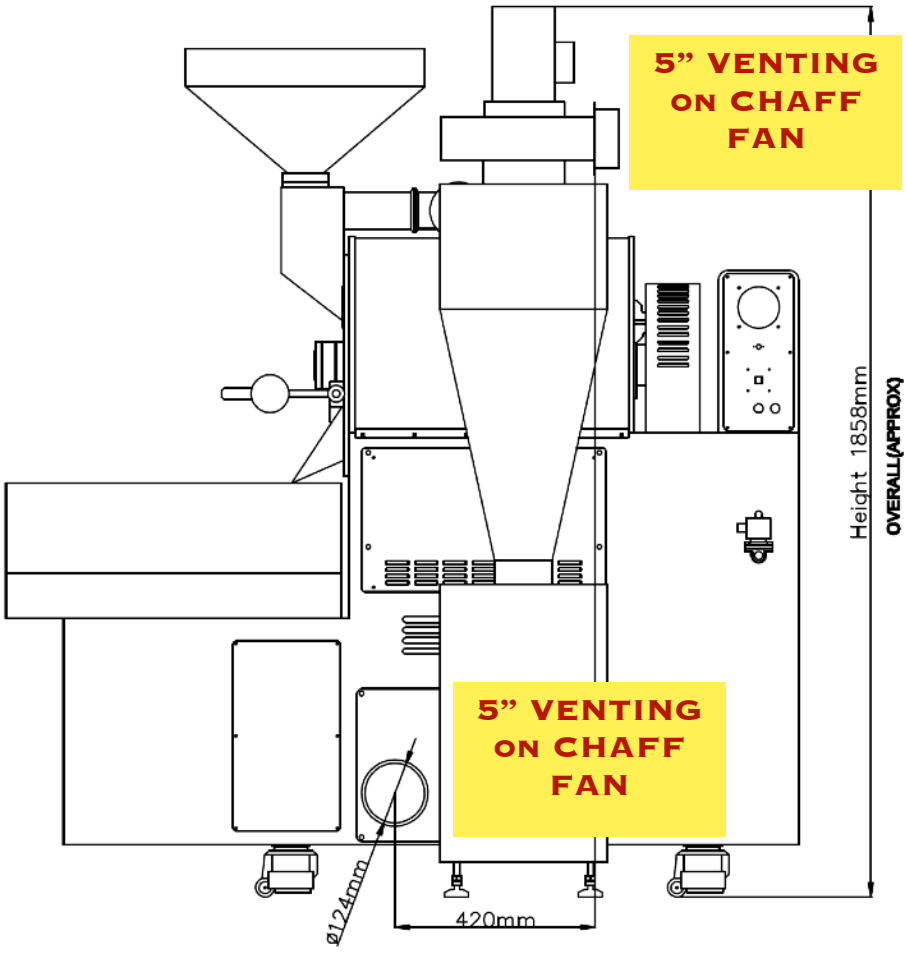


GENERAL MEASUREMENTS

1655x1073x1858mm

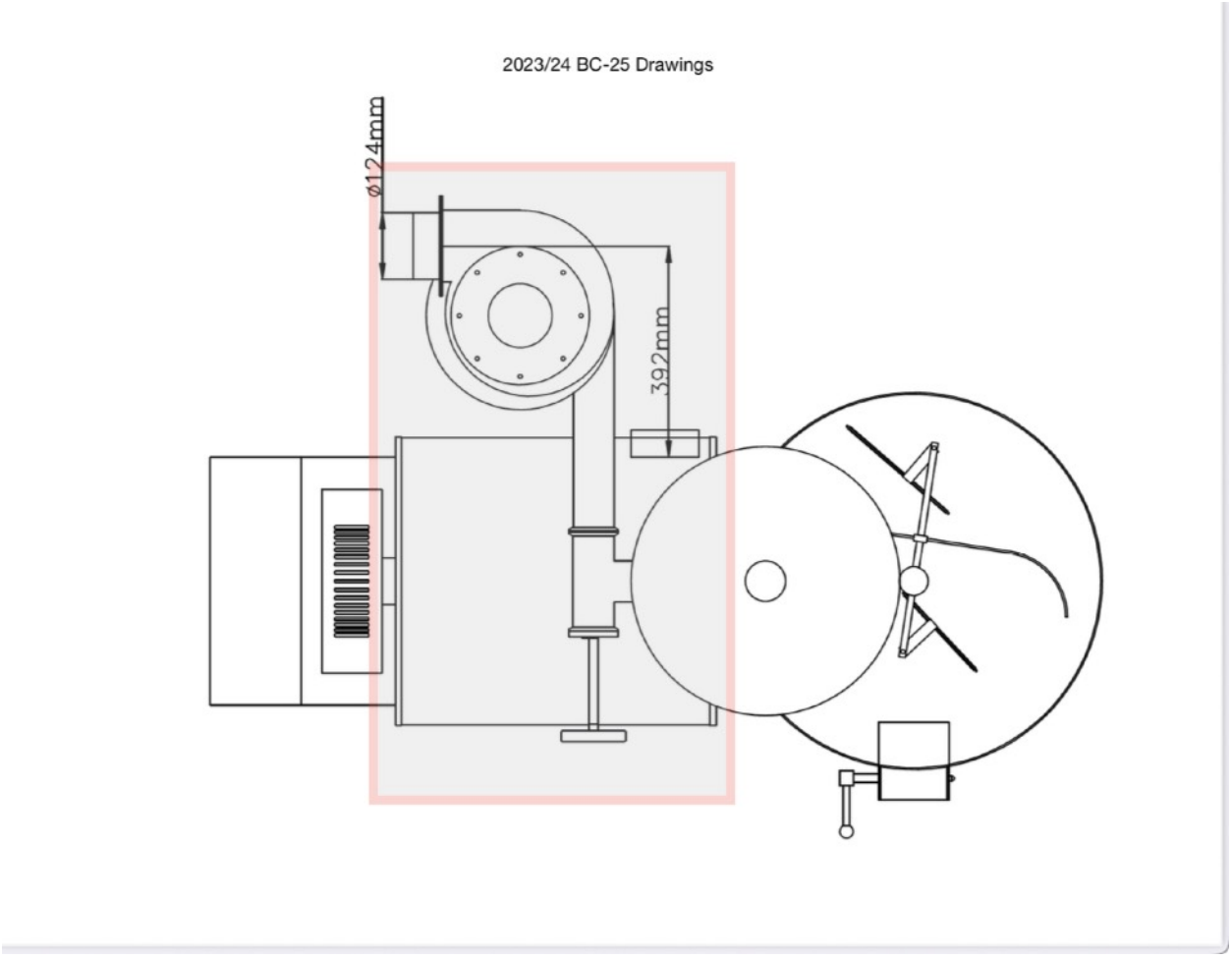
66x43x74in.

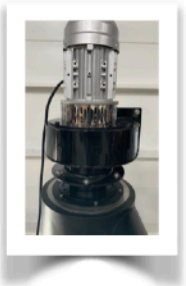
Chaff Unit comes removed to get unit through a standard doorway



CLEARANCE FROM ROASTER DRUM & CHAFF UNIT & ALL COMBUSTABLE SURFACES:

12-18"" SPACE ON ALL SIDES OF ACTUAL DRUM & CHAFF UNIT OF ROASTER





IN 2022 WE ADD HEAVY DUTY CHAFF FANS & HD GAS GAUGES TO HELP LOWER MAINTENANCE & INCREASE PRODUCTION!

COLOR CHOICES

BODY COLORS: BLACK, RED, PURPLE, WHITE

HOUSING COLORS & TEXTURES:

SOLID: ROSE GOLD, BLACK TITANIUM, STAINLESS, PURPLE

TEXTURED: CHECKERED GOLD, BLACK OR SILVER

PURPLE, SILVER OR ROSE GOLD RAINDROP

HAMMERED GOLD OR PURPLE

* REQUEST A COLOR CHART FOR HOUSING COLORS

BC-25 COMMERCIAL COFFEE ROASTER

*FLOOR MODEL WITH HD CASTER WHEELS
*DIRECT CONNECT CHAFF UNIT FOR SMALLER FOOTPRINT
*CHOICE OF ALL ELECTRIC OR GAS MODELS

SIZE (LxWxH)	66x43x74”
WEIGHT	SHIPPING WEIGHT 1254LB
MINIMUM CLEARANCE FROM ACTUAL DRUM OF ROASTER & CHAFF UNIT & COMBUSTABLE MATERIALS	12-18” (WHEN RUNNING VENTING THROUGH WALLS OR CEILINGS THAT ARE COMBUSTABLE A THIMBLE MUST BE USED TO CREATE A DOUBLE WALL WITH INNER WALL ACTING AS A LINER AND THIMBLE, NON-FLAMMABLE FLASHING OR DOUBLE WALL ACTING AS A SHIELD)
ROASTING CAPACITY	5-25LB SINGLE WALL 2 TO 25LB DOUBLE WALL
ROAST TIME & ROASTS PER HOUR	9-14 MINUTES (5 ROASTS PER HOUR GAS. 3.5 PER HOUR ELECTRIC)
DRUM INFORMATION	SW DRUM: 5MM SUPERIOR 304SS CONTAINS 18% CHROMIUM AND 8% NICKEL DW DRUM: HAS TWO LAYERS: ONE OF 3MM & ONE 2MM 304SS WITH 6MM OF AIR CUSHION. SS WELDING (11MM TOTAL THICKNESS ON DW)
ELECTRIC STATS:	GAS MODEL: SINGLE PHASE 220V 50/60HZ 900W, 5A: REQUIRES AT MINIMUM A 220-240A BREAKER WITH AT LEAST A 15A BREAKER (OR LARGER BREAKER)
ELECTRICAL PLUG TYPE	GAS MODELS: 20A 250V 3 WIRE NEMA 6-20P
FUEL CHOICES ON GAS MODELS	LPG GAS STANDARD WITH MODELS. NATURAL GAS CONVERSION KITS OFFERED FOR CUSTOMER INSTALLATION ONLY.
BURNER INFORMATION ON GAS MODELS	SW & DW BURNERS: 27
BTU REQUIRMENTS	125,000 BTU MINIMUM REQUIRED FOR NG LINE
GAS PRESSURE	LPG: 12-16WC (3-4KPA) A 12-24WC REGULATOR RECOMMENDED FOR LPG NG: 7-14WC

EXHAUST SETUP	5” VENTING ON BOTH EXHAUSTS
EXHAUST PIPE REQUIREMENTS	Positive Pressure exhaust venting with minimum clearance 12-18” from DRUM & When venting is penetrating through combustible materials, a thimble must be used to create a shield.
RECOMMENDED VENTING LENGTHS	25’ or less from Chaff unit. If venting is mostly vertical you may exceed this length. But note: With excessive lengths of 40’ or more your installation contractor may recommend an added booster fan
MAXIMUM EXHAUST TEMPERATURES from DRUM INTO CHAFF UNIT	425-475F
CHAFF UNIT HIGH TEMP.	300-350F
COOLING TRAY HIGH TEMP.	200F
DATA LOGGING VIA ARTISAN OR CROPSTER	BUILT IN DATA LOGGER ATTACHES TO COMPUTER (PC OR MAC) VIA USB OR BLUETOOTH
K TYPE THERMOCOUPLES	BT & ET with two additional predrilled capped threaded holes to add or adjust location of probes
MANUFACTURED IN CHINA for BC ROASTERS	CUSTOM BUILT FOR BC SPECS IN USA AND OVER 200 Lands

FOR MORE INFORMATION SEE:

BCROASTERS.COM

HTTP://WWW.BUCKEYECOFFEE.COM

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*Typos are possible and we request that you get exact measurements in person. We cannot be held accountable for accidental typos