

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.

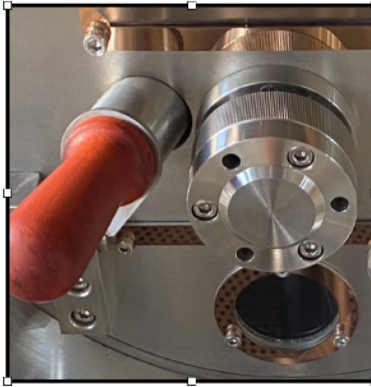
* OPTIONAL 370W CHAFF FAN AVAILABLE UPON REQUEST

FEATURES

DRUM TYPE
TEMPERATURE 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



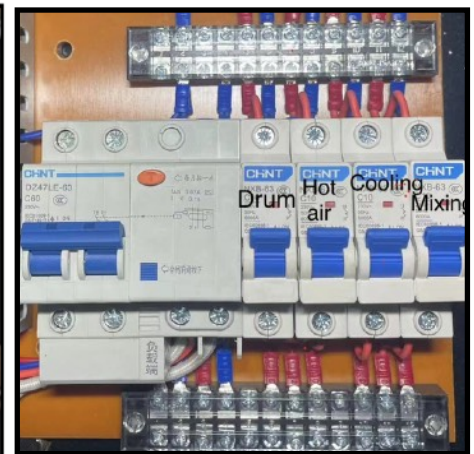
NEW NECK & HOPPER RELEASE



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

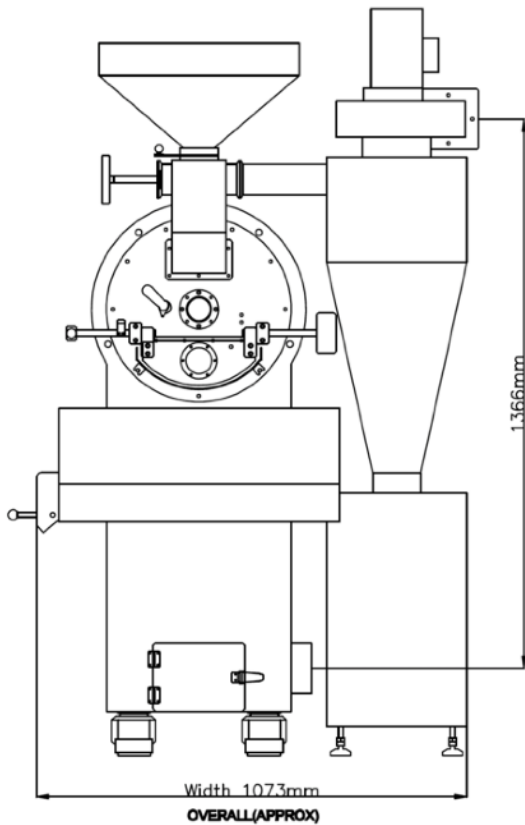
ALL INCLUDED AT NO EXTRA COST TO YOU!

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.

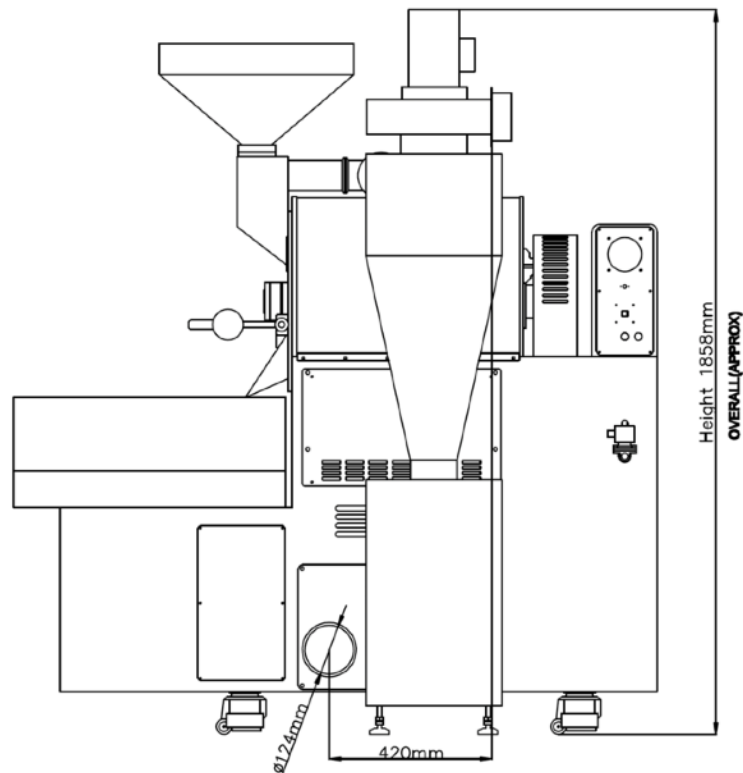
TWO EXHAUST PIPE COME OFF THE BC-25. BOTH VENTS HAVE 5" CONNECTIONS. THE CHAFF EXHAUST AT 5" AS SHOWN BELOW AND CAN BE EXHAUSTED SEPARATELY OUT OF BUILDING OR JOINED TO THE 5" COOLING EXHAUST WITH A BLAST DAMPER OR BACKDRAFT DAMPER ABOVE CHAFF UNIT. (5" OR 6" HIGH TEMPERATURE VENTING IS RECOMMENDED WHEN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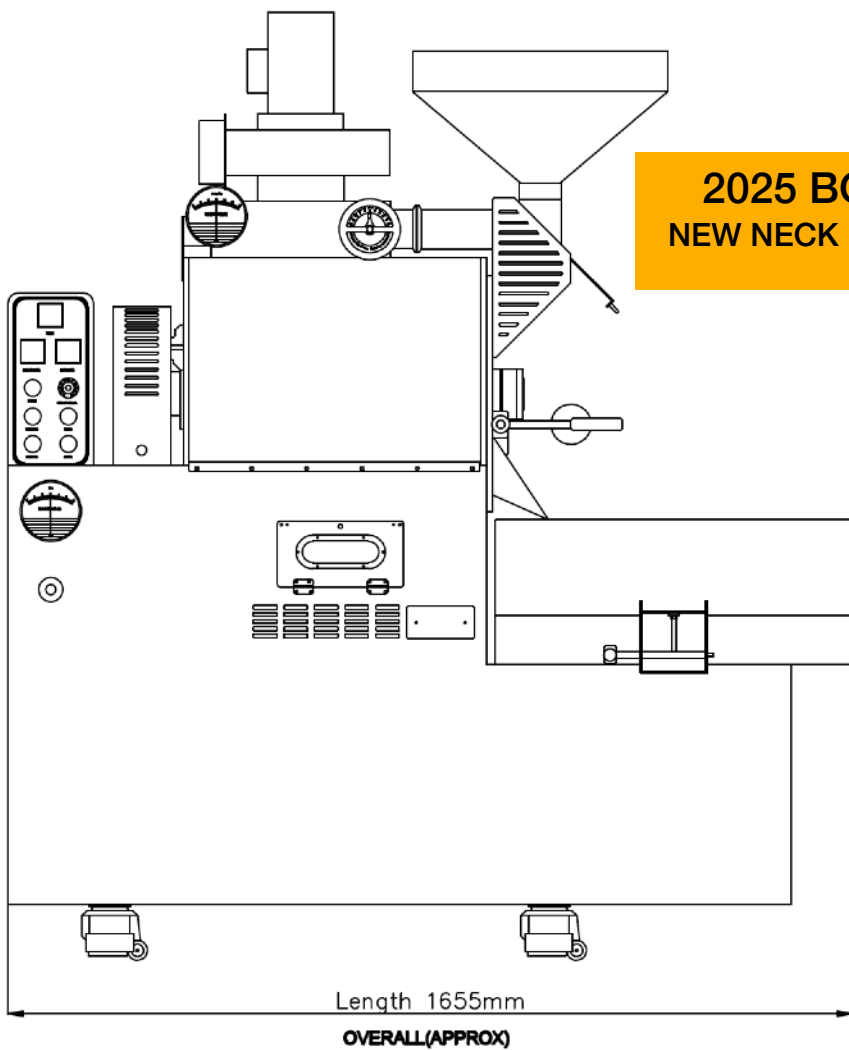
DO YOUR PART!

**CONSIDER
ARTISAN PLUS**

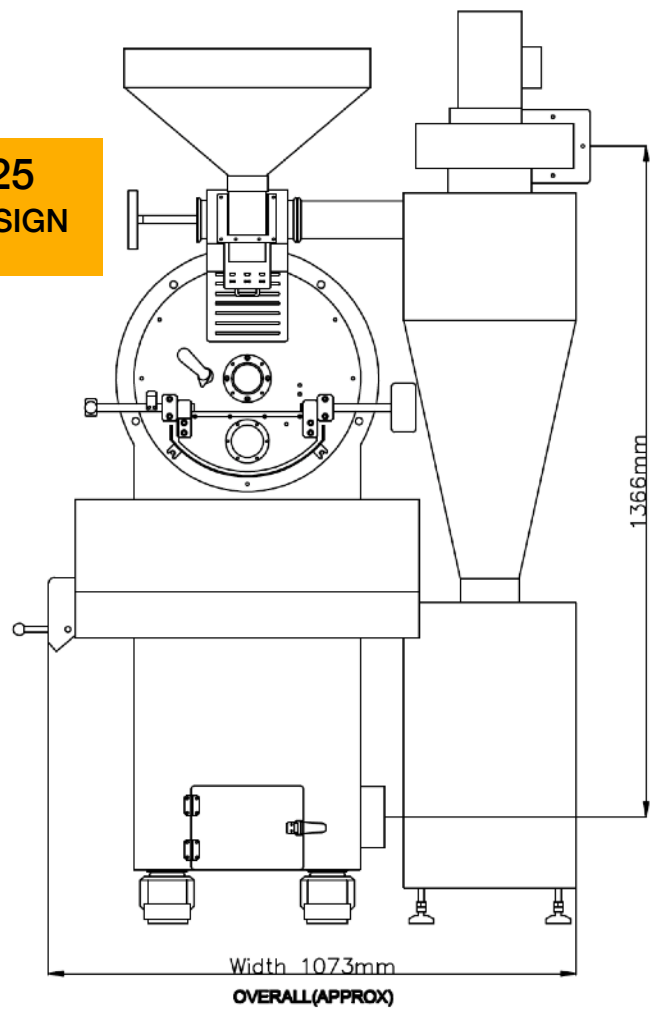
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artisan+



**2025 BC-25
NEW NECK DESIGN**

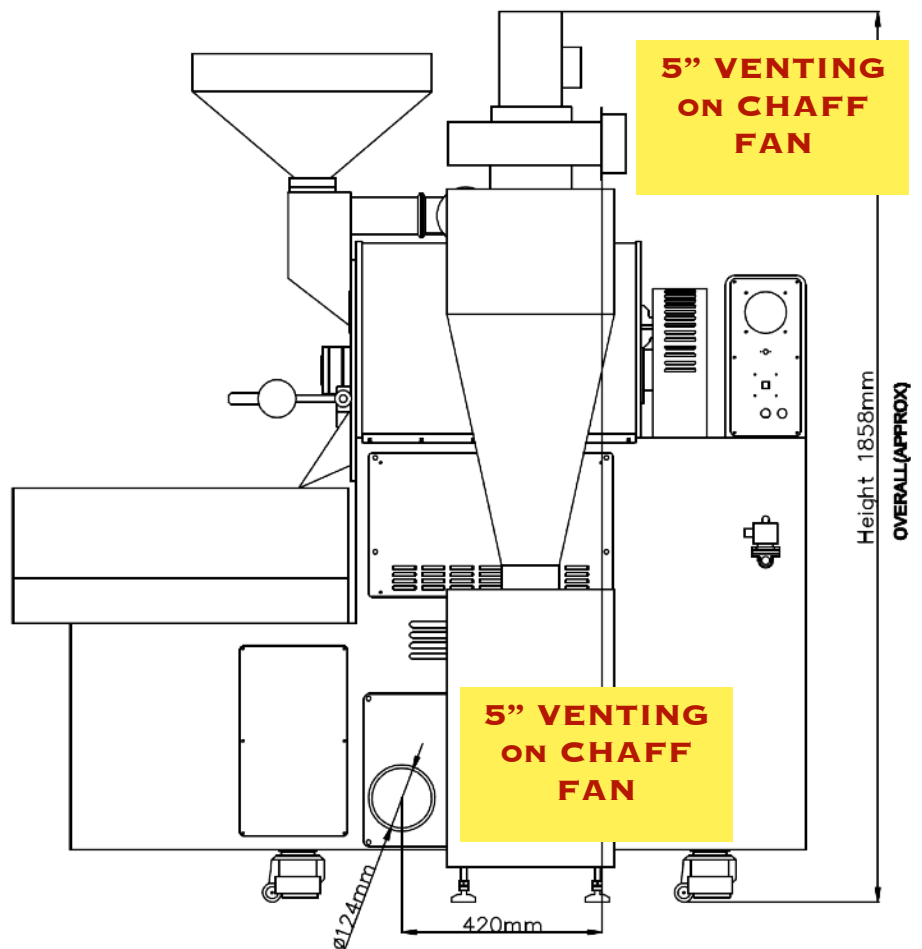


GENERAL MEASUREMENTS

1655x1073x1858mm

66x43x74in.

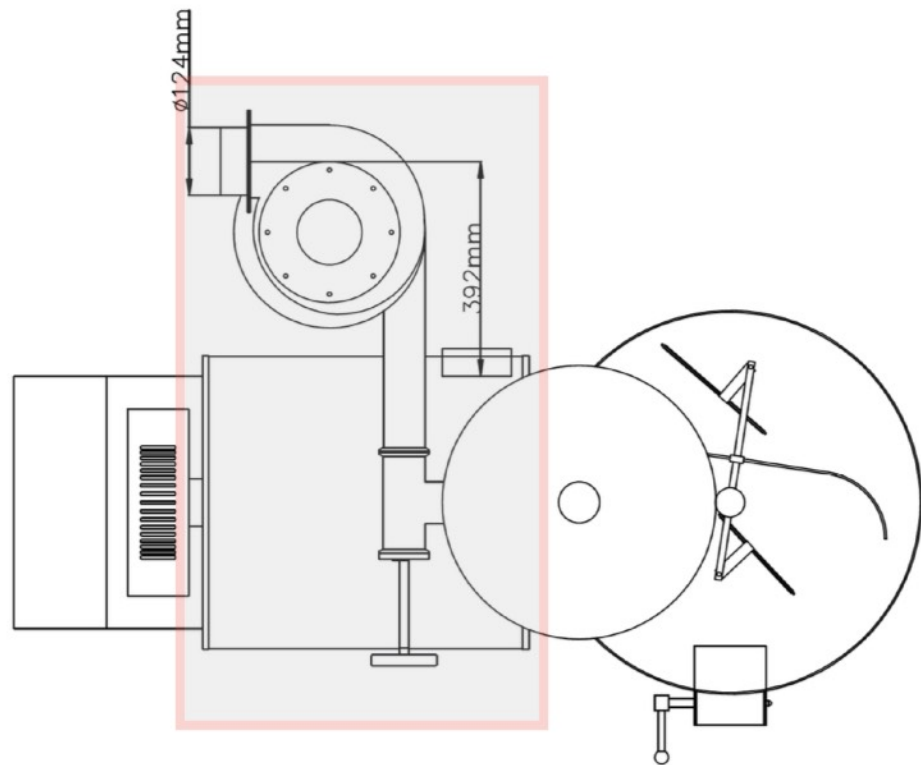
Chaff Unit comes removed to get unit through a standard doorway



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

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

2023/24 BC-25 Drawings



**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: 32

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 & CHAFF UNIT TO COMBUSTABLE MATERIALS
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.bcroasters.com)

[HTTP://WWW.BUCKEYECOFFEE.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