

2023 BC-1 AIR

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2023 MARKS A COMEBACK FOR THE BC-1! AFTER 2021 WE RETIRED IT AS WE FELT MOST PEOPLE PREFERRED THE ADVANCE SETUP OF THE BC-2 FOR A SMALL SHOP AND SAMPLE ROASTER. BUT CLIENTS ACROSS THE COUNTRY CONTINUED TO REQUEST THE BC-1 FOR VARIOUS REASONS. ITS SMALL SIZE AND WEIGHT ALLOWED IT TO BE TAKEN ON THE ROAD FOR EVENTS AS WELL AS DEMOS. ALSO ITS SIMPLICITY BEST FIT THE NEEDS OF MANY OF OUR CLIENTS AS WELL AS ITS BUDGET FRIENDLY PRICE FOR A COMMERCIAL ROASTER. SO IT MAKES A COMEBACK IN 2023 WITH THE **ADDED MAG AIRFLOW GAUGE** FOR BETTER TRACKING OF AIRFLOW RESULTS DURING A ROAST. THUS COMES THE NEW NAME: **"THE BC-1 AIR"**. IT CAN ROAST SAMPLES AS SMALL AS 3-4 OZ AND UP TO ONE POUND PER ROAST OR 4-5LB. PER HOUR. BECAUSE WE WANTED TO KEEP ALL THE COMMERCIAL COMPONENTS ON THE BC-1 THAT ARE ON THE BIGGER ROASTERS WE WERE ONLY ABLE FIT ONE OMRON DIGITAL TEMPERATURE CONTROL FOR BT. BUT YOU GET GREAT AIRFLOW OPTIONS WITH THE CHOICE OF USING EITHER THE ELECTRONIC AIR VOLUME CONTROL KNOB OR THE MDDS SYSTEM (MANUAL DIAL DAMPER SYSTEM). WHEN COUPLED WITH THE NEW MAG AIRFLOW GAUGE YOU CAN DIAL IN PRECISE AIRFLOW CONTROL ON ALL YOUR ROASTS. THE BC-1 COMES STANDARD AS A SINGLE WALL 304S DRUM BUT AN OPTIONAL DOUBLE WALL DRUM CAN BE CUSTOM ORDERED IF YOU PREFER.



FEATURES

DRUM TYPE
DATA LOGGING
THERMOCOUPLES
CONTROL PANEL
MAG AIRFLOW
WARRANTY
PARTS AVAILABLE
110V CONVERTER

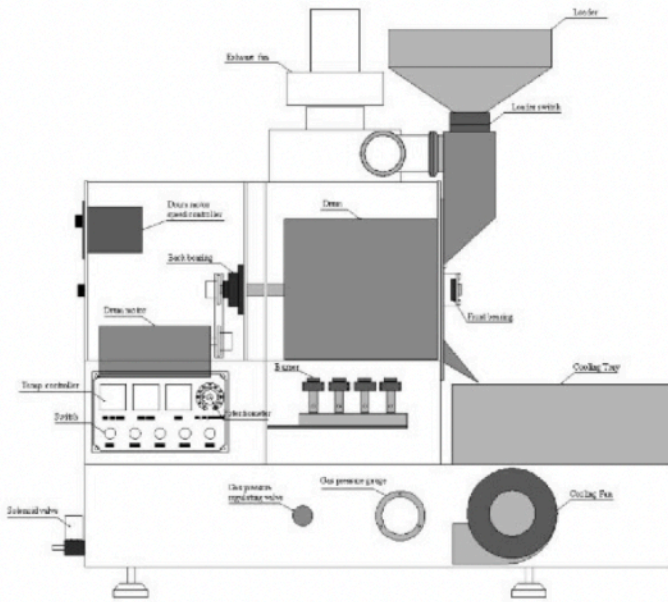
SINGLE OR DOUBLE WALL 304SS DRUM
COMPUTER PROFILING VIA USB OR BT
1 K TYPE FOR BT
ALL INFORMATION DISPLAYED ON PANEL
COMES WITH MAG AIRFLOW GAUGE
1 YEAR PARTS & INSTRUCTION
10 YEAR PARTS AVAILABLE
GUARANTEE
110V VOLTAGE CONVERTER INCLUDED.

BC-1 AIR	GAS TYPE
Batch Size	4oz-1lb.
Roasting Time	9-14 minutes
Production	4-5lb.hr
Heat Source	NG/LPG
Voltage	220V
Wattage	110W
Drum Motor	25W
Chaff Fan Motor	45W
Cooling Fan Motor	30W
MIXING ARM	N/A
BTU	10,000
NG PRESSURE	5-7WC
LPG PRESSURE	MAX. 16WC
Gas Consumption	0.1kg/hr .22lb HR
Roaster Dim.	26x17x24" (LxWxH)
Roaster Weight	62lb.
Package Dimensions	31x25x26"
Package weight	140lb

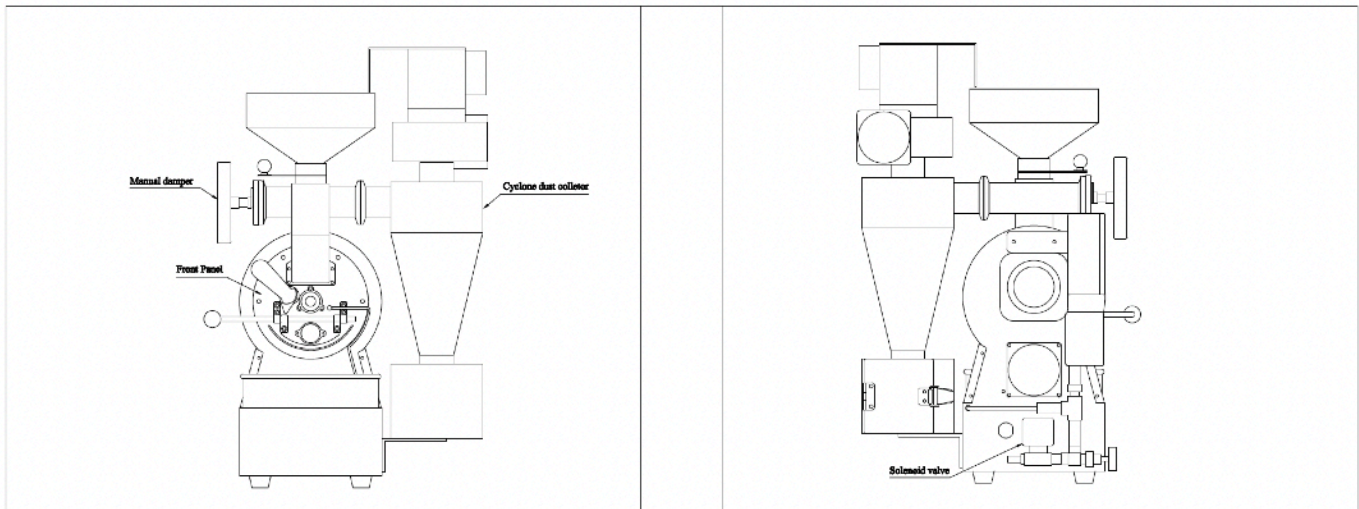
THE BC-1 AIR IS A HEAVY DUTY SAMPLE ROASTER BUILT WITH A CARBON STEEL BODY POWERED COATED IN BLACK. THERE ARE SEVERAL HOUSING COLOR OPTIONS AVAILABLE TO CHOOSE FROM. (SEE THE 2022/2023 COLOR CHART)

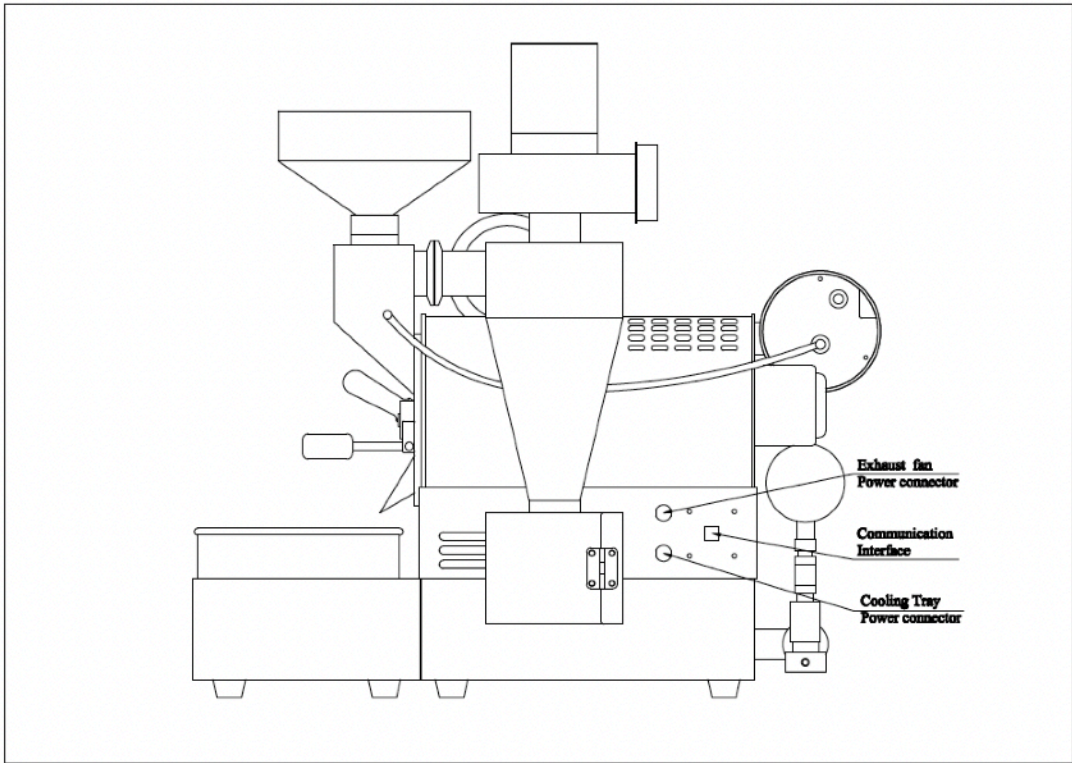
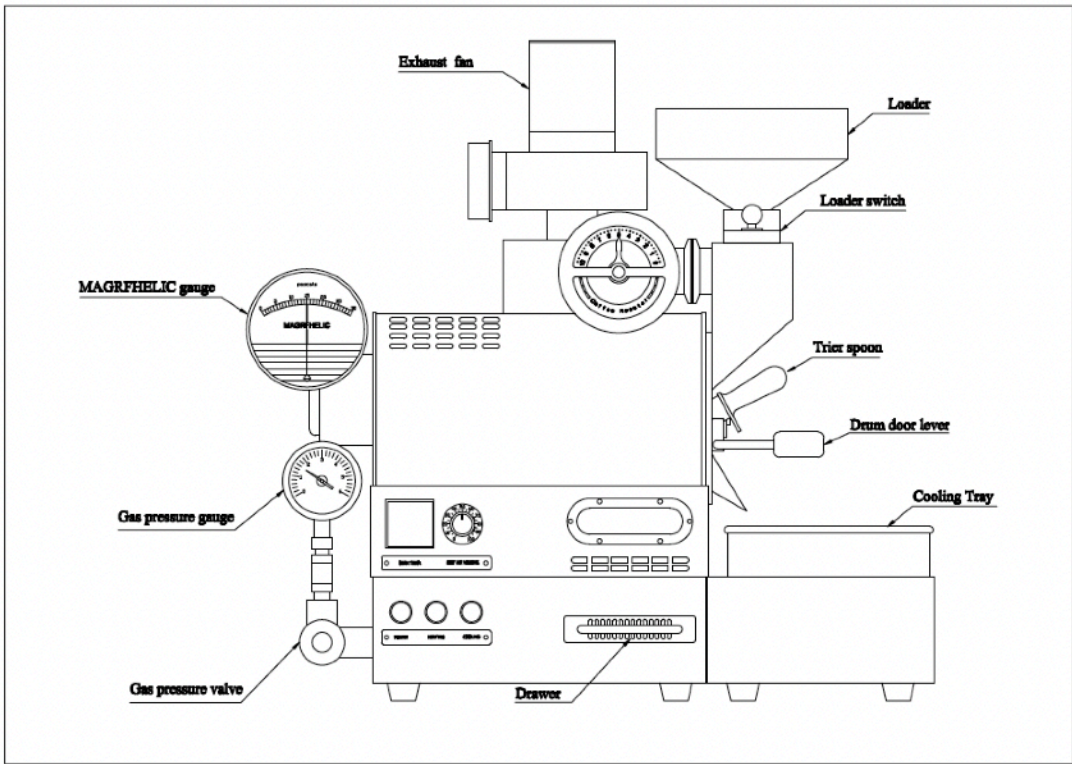
PRECISE AIRFLOW CONTROL:

PRECISE AIRFLOW CAN BE ACHIEVED USING THE MDDS SYSTEM ALONG WITH THE NEW MAG AIRFLOW GAUGE INCLUDED WITH EVERY ROASTER.

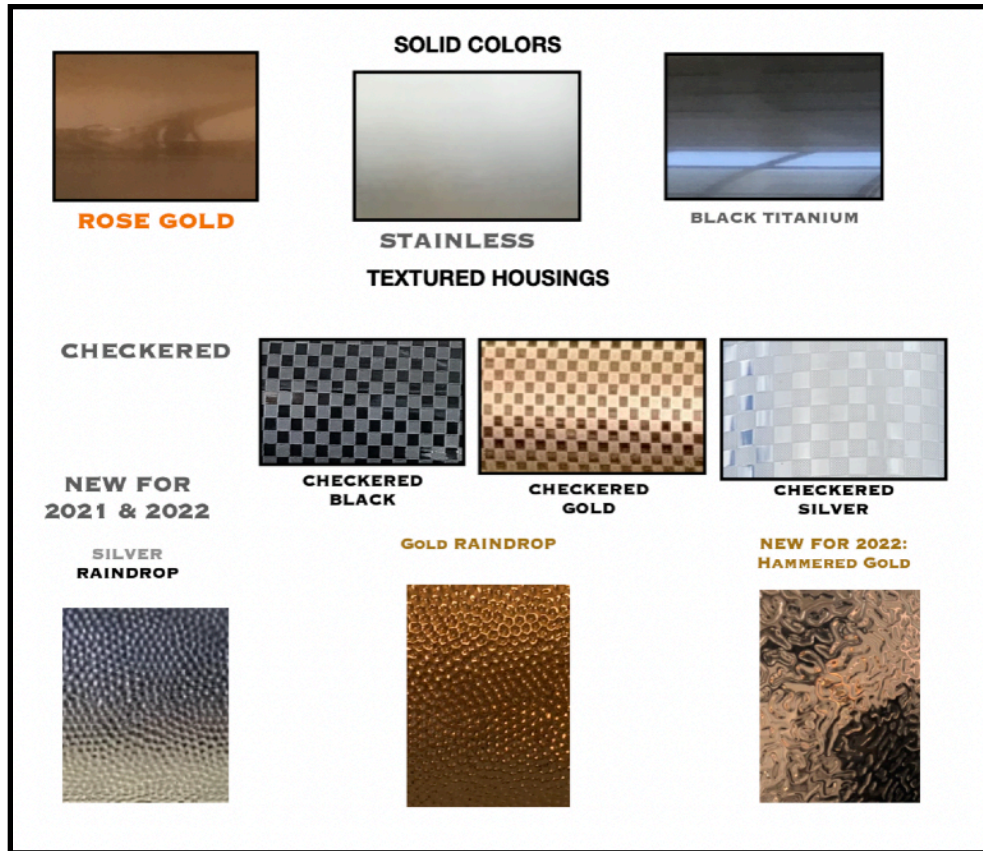


ONLY ONE 3" EXHAUST PIPE RUNS OFF THE CHAFF UNIT TO VENT OUT OF YOUR BUILDING





HOUSING COLOR CHOICES



EXHAUST SETUP	
EXHAUST PIPE REQUIREMENTS	POSITIVE PRESSURE EXHAUST VENTING WITH MINIMUM CLEARANCE 12-24" FROM COMBUSTABLE MATERIALS
MAXIMUM VENTING LENGTHS	20' FROM CHAFF UNIT. DEDUCT 3-5' FOR 45-90 DEGREE PIPE ELBOWS. IF YOU MUST VENT AT LONGER LENGTHS CONSULT A LOCAL TECHNICIAN ON USE OF POSSIBLE BOOSTER FANS
MAXIMUM EXHAUST TEMPERATURES	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 THERMOCOUPLE	BT PROBE ONLY.3MM THICK PROBES
MANUFACTURED IN CHINA FOR BC ROASTERS	CUSTOM BUILT FOR BC SPECS IN USA AND OVER 200 LANDS

BC-1 AIR COMMERCIAL COFFEE ROASTER

*TABLE TOP MODEL
*DIRECT CONNECT CHAFF UNIT FOR SMALLER
FOOTPRINT
*CHOICE GAS MODELS

SIZE (LxWxH)	26x17x24" (LxWxH) (INCLUDES DIRECT CONNECT CHAFF UNIT IN MEASUREMENT)
WEIGHT	62lb.
MINIMUM CLEARANCE FROM COMBUSTABLE MATERIALS	12-24"
ROASTING CAPACITY	3 OZ UP TO 1LB.
ROAST TIME & ROASTS PER HOUR	9-14 MINUTES (4-5 ROASTS PER HOUR)
DRUM INFORMATION	SW DRUM: 3MM SUPERIOR 304SS CONTAINS 18% CHROMIUM AND 8% NICKEL DW DRUM: HAS TWO LAYERS OF 304SS THAT ARE EACH 2MM WITH A 2MM AIR CUSHION BETWEEN BOTH LAYERS. TOTAL THICKNESS 6MM
ELECTRIC STATS:	GAS MODEL: SINGLE PHASE 220V 50/60HZ 110W REQUIRES STANDARD 15A BREAKER. <u>A FREE 110 VOLTAGE CONVERTER IS PROVIDED WITH EACH ROASTER TO RUN ON A TYPICAL 15A 110-120 BREAKER IN USA & CANADA</u>
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	2 HIGH EFFICIENCY BURNERS PROVIDE
BTU REQUIRMENTS	7500-10,000 BTU MINIMUM REQUIRED FOR NG LINE
GAS PRESSURE	LPG: 12-16WC (3-4KPA) MARSHALL 1912/197 REGULATOR RECOMMENDED NG: 7-14WC

FOR MORE INFORMATION SEE:

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[HTTP://WWW.BUCKEYECOFFEE.COM/BC-COFFEE-ROASTERS.HTML](http://WWW.BUCKEYECOFFEE.COM/BC-COFFEE-ROASTERS.HTML)

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