

2023/24 BC-8 HD SW & DW

BY BCROASTERS.COM

STAYING AHEAD OF THE ROAST!

THE 2023/24 BC-8 HD COMMERCIAL GAS ROASTER CONTINUES TO UPGRADE ITS MODEL FOR 2023/2024 BY ADDING NEW FEATURES TO HELP ROASTMASTERS DEVELOP THE ART OF ROASTING WITH GREATER EASE & MORE TOOLS FOR BOTH ROASTING AND MAINTENANCE. LISTED BELOW ARE THE 7 NEW FEATURES ADDED TO THE 2023 LINE:

1. **NEW FRONT BEARING SYSTEM THAT ALLOWS ON THE FLY DRUM ALIGNMENTS**
2. **EASY ACCESS TO BACK DRUM SYSTEM FOR MAINTENANCE**
3. **A NEW BACK DRUM SHAFT WHEEL FOR QUICK REMOVAL OF BEANS IN THE EVENT OF A POWER OUTAGE WHILE ROASTING**
4. **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**
5. **NEW FRONT ENTRY DOOR TO BURNER ROOM ALLOWING QUICK MAINTENANCE WHEN NEEDED**
6. **NEW DATA LOGGER COMPUTER CHIP TO ALLOW DIRECT BLUETOOTH CONNECTIVITY WHILE USING ARTISAN SOFTWARE.**
7. **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-8 ROASTER AVAILABLE.

THE BC-8 HD COMES IN BOTH SINGLE & DOUBLE WALL MODELS. THESE ARE GREAT FOR A COFFEE SHOP & WHOLESALE OR RETAIL COFFEE BUSINESS. THE SINGLE WALL MODEL CAN ROAST FROM TO 2-8LB. ROASTS. THE DOUBLE WALL MODEL CAN DO SAMPLES DOWN TO ONE POUND ROASTS. THESE ROASTERS CAN DO UP TO 5 ROASTS PER HOUR. THEY ARE CAPABLE OF ROASTING AROUND 250-300LB. OF FINAL PRODUCT PER DAY. THE BC-8 HAS ALL THE FEATURES MOST COMPANIES CHARGE EXTRA FOR BUILT INTO THE BASE PRICE. THE BC-8 MODEL COMES WITH THE ADVANCED AND PRECISE AIRFLOW CONTROL VIA THE MDDS (MANUAL DAMPER) SYSTEM AS WELL AS THE NEW ELECTRONIC AIR-FLOW CONTROLLER & MANY NEW SAFETY FEATURES. SOLID HEAVY-DUTY STAINLESS STEEL DRUM AND BUILT IN PROFILING SYSTEM FOR BT & ET. DIRECT-CONNECT CHAFF UNIT FOR EFFICIENCY & REDUCED FOOTPRINT. COMES IN LP GAS WITH OPTION TO CONVERT TO NG. NOW YOUR CHOICE OF SINGLE OR DOUBLE WALL DRUMS! THE NEW HD FEATURES ADDED IN 2022 INCLUDE A HD CHAFF FAN AND HD GAS GAUGE PLUS OTHER FEATURES. ALSO NEW 3MM PROBES & MORE! IT'S TIME TO **"GET YOUR ROAST ON!"**

FEATURES

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

Single or DW 304SS Drum
2 OMRON CONTROLS w/BT & ET
K-TYPE for BT & ET
BT & ET VIEW ON PANEL
1 YEAR PARTS & INSTRUCTION
10 Year Parts Available Guarantee
110V Voltage Converter

| BC-8MD | GAS TYPE |
|--------------------|--------------------|
| Batch Size | 2-8lb. |
| Roasting Time | 9-14 minutes |
| Production | 32-40lb.hr |
| Heat Source | NG/LPG |
| Voltage | 220V |
| Wattage | 550W |
| Drum Motor | 200W |
| Chaff Fan Motor | 60W |
| Cooling Fan Motor | 200W |
| MIXING ARM | 60W |
| BTU | 60,000 |
| NG PRESSURE | 7-14WC |
| LPG PRESSURE | MAX. 16-20WC |
| Gas Consumption | 0.6kg/hr |
| Roaster Dim. | 52x34x62" |
| Roaster Weight | 628lb. |
| Package Dimensions | 55x46x60 850LB. |



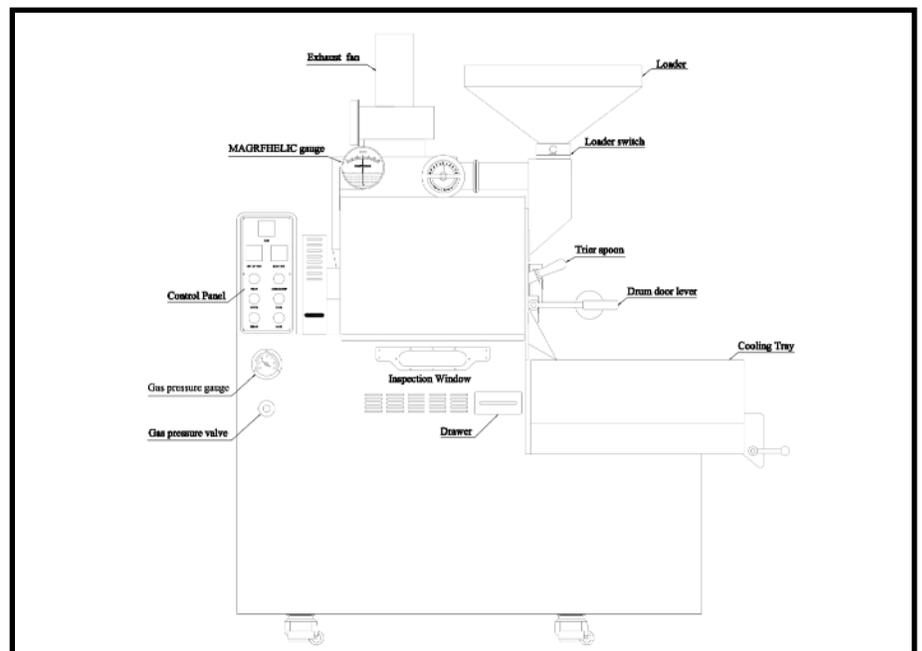


THE BC-8 HD IS A HEAVY DUTY ROASTER BUILT WITH A CARBON STEEL BODY WITH APPROVED POWDER COAT HIGH TEMPERATURE BODY IN BLACK, RED OR WHITE. THE HOUSINGS COME IN A CHOICE OF SEVERAL COLORS.

TWO EXHAUST PIPES COMES OFF UNIT:

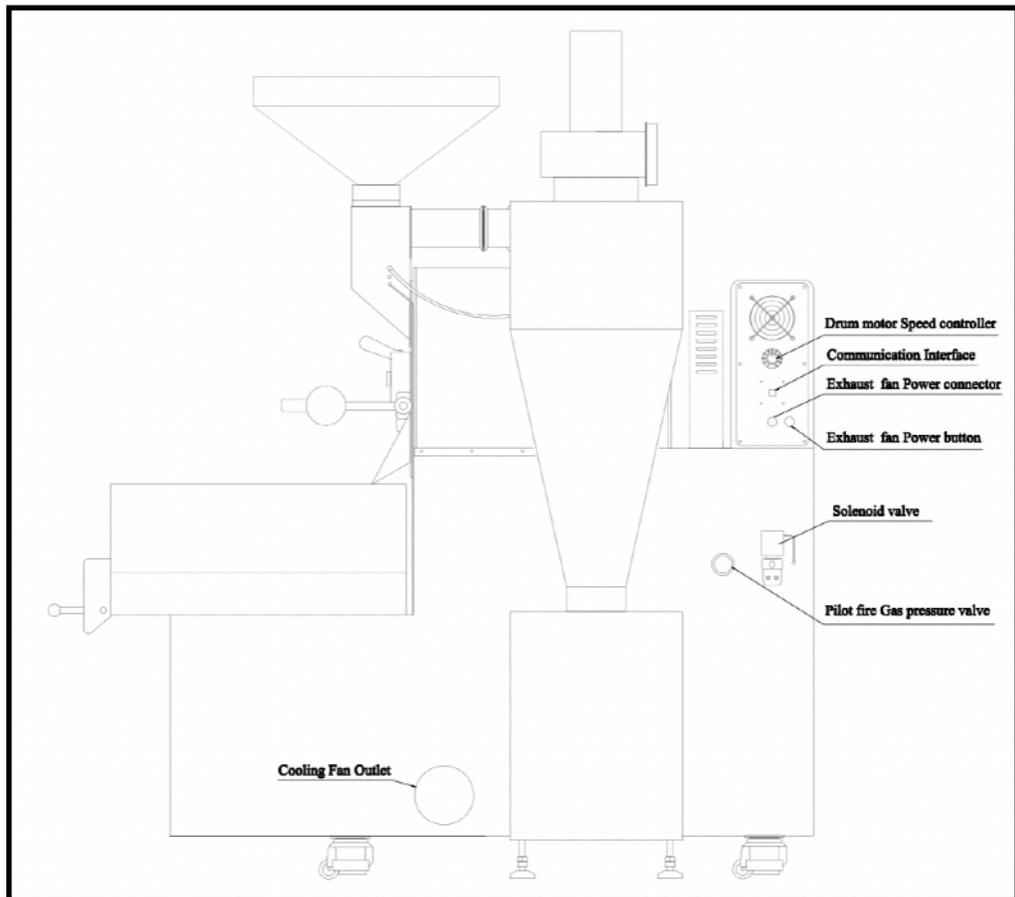
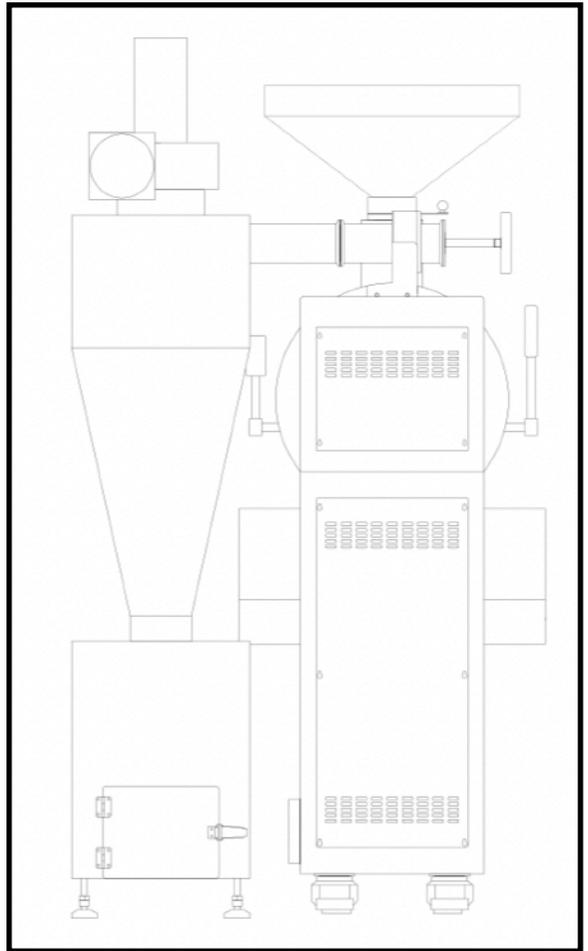
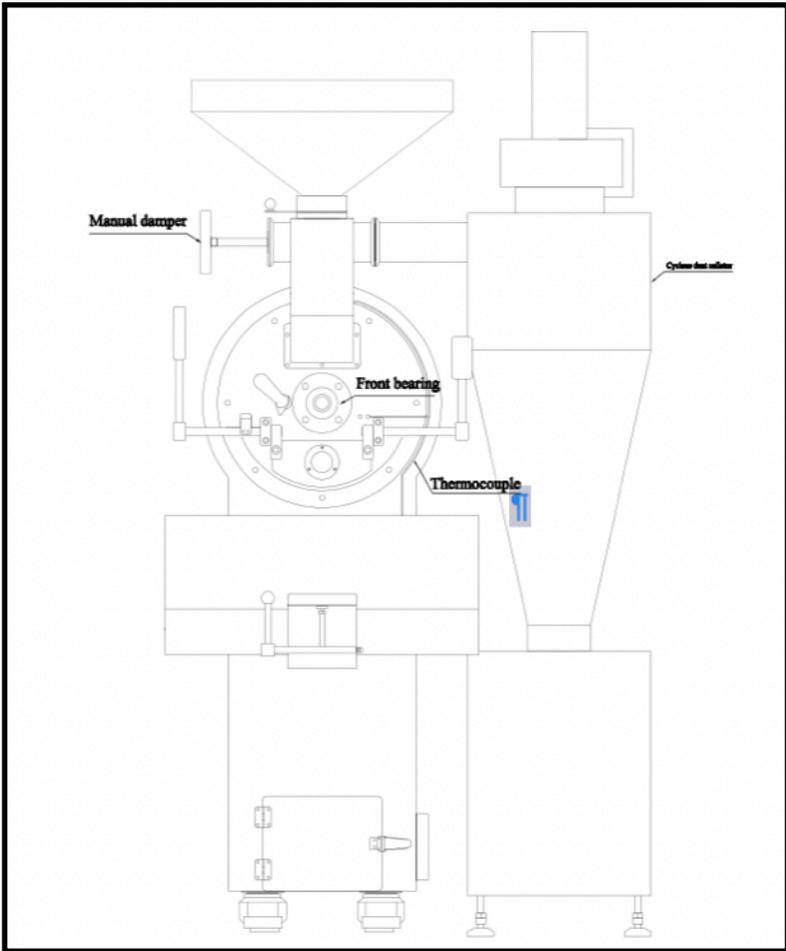
THE 2023 MODEL HAS A 4" CHAFF PIPE CONNECTION. THE PIPE OFF COOLING TRAY IS A 5" SIZE ALLOWING YOU TO USE A PIPE REDUCER AND RUN 6" PIPING OFF THE COOLING TRAY FOR FAST COOLING OF BEANS.

EACH AND CAN BE EXHAUSTED OUT OF BUILDING SEPARATELY OR CONNECTED WITH A BLAST OR BACKDRAFT DAMPER.



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





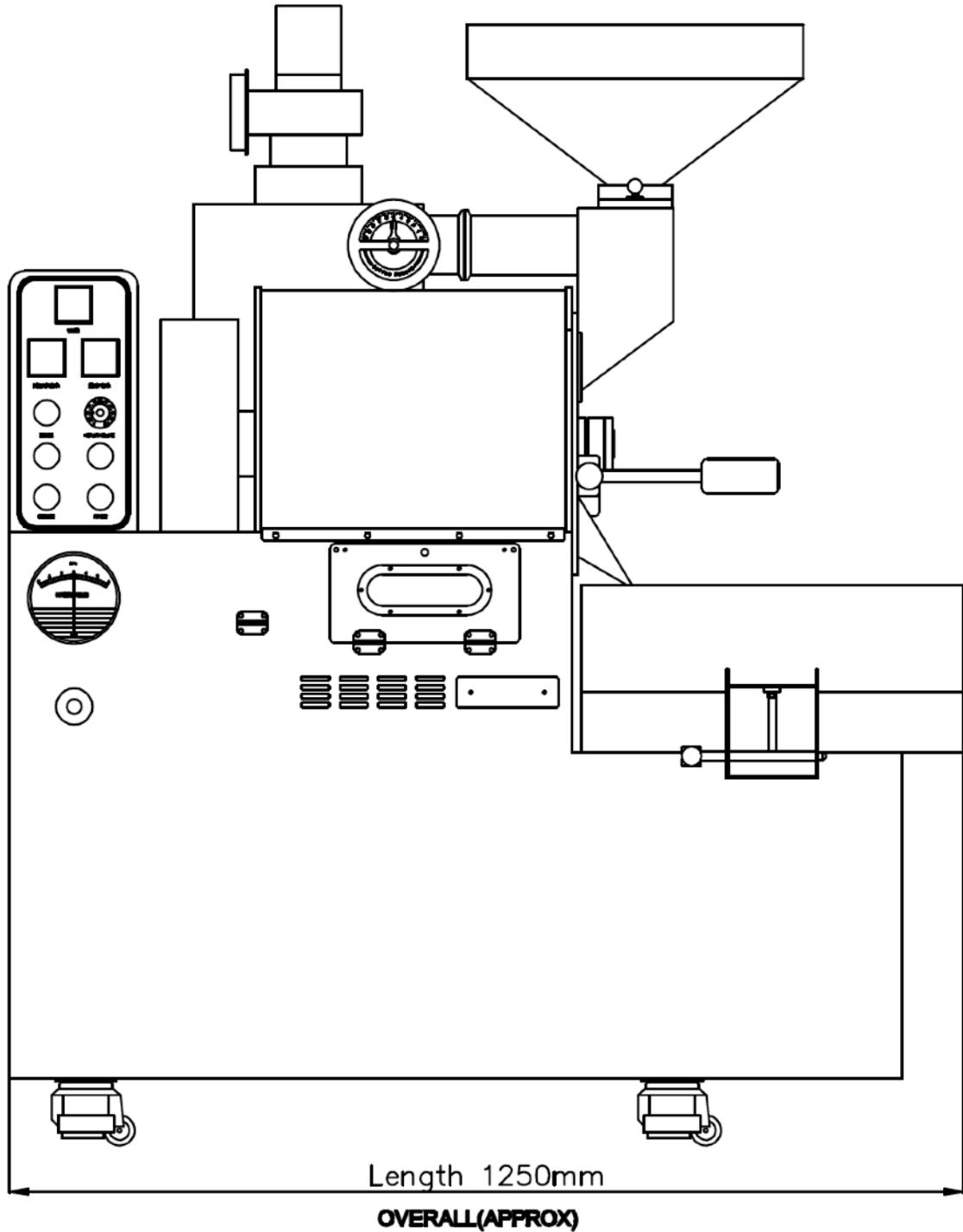
UPDATED 2023/24 DRAWINGS

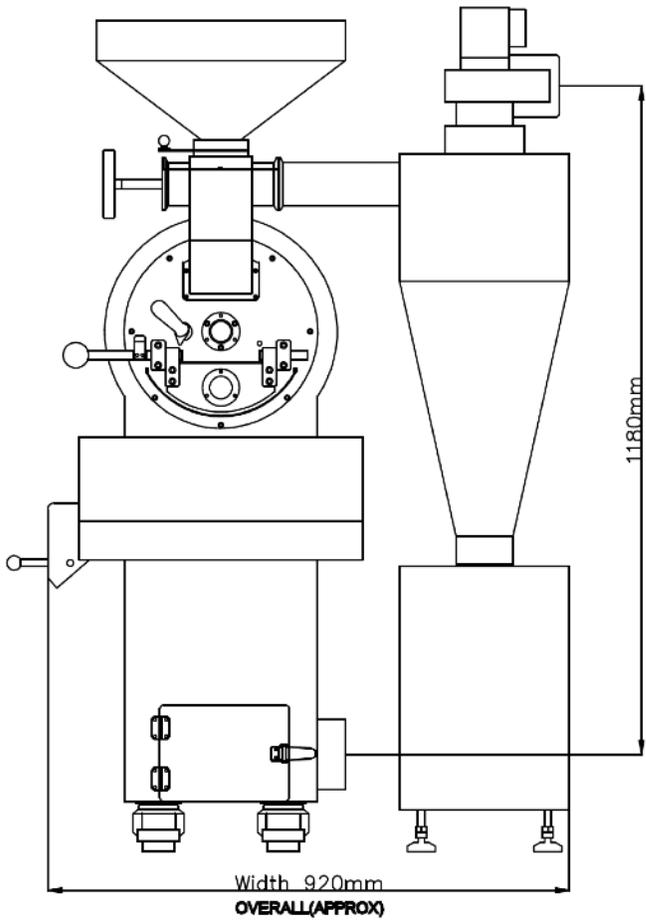
SHOW SIZE OF BC-8

1250x920x1490mm

50x37x59in.

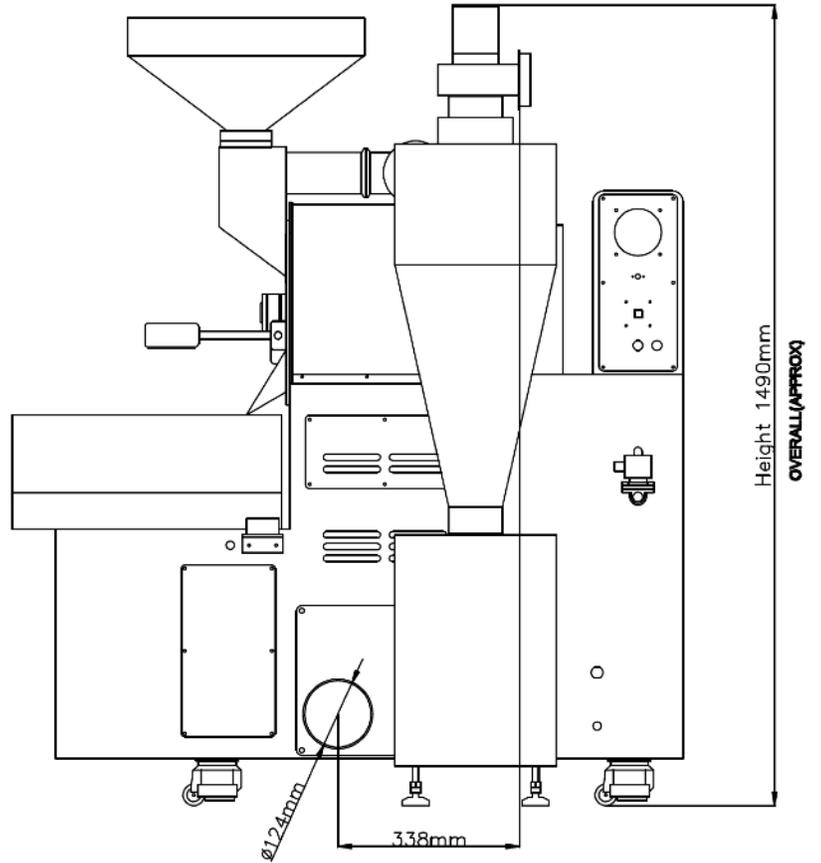
Chaff Unit comes be removed to get unit
through a standard doorway



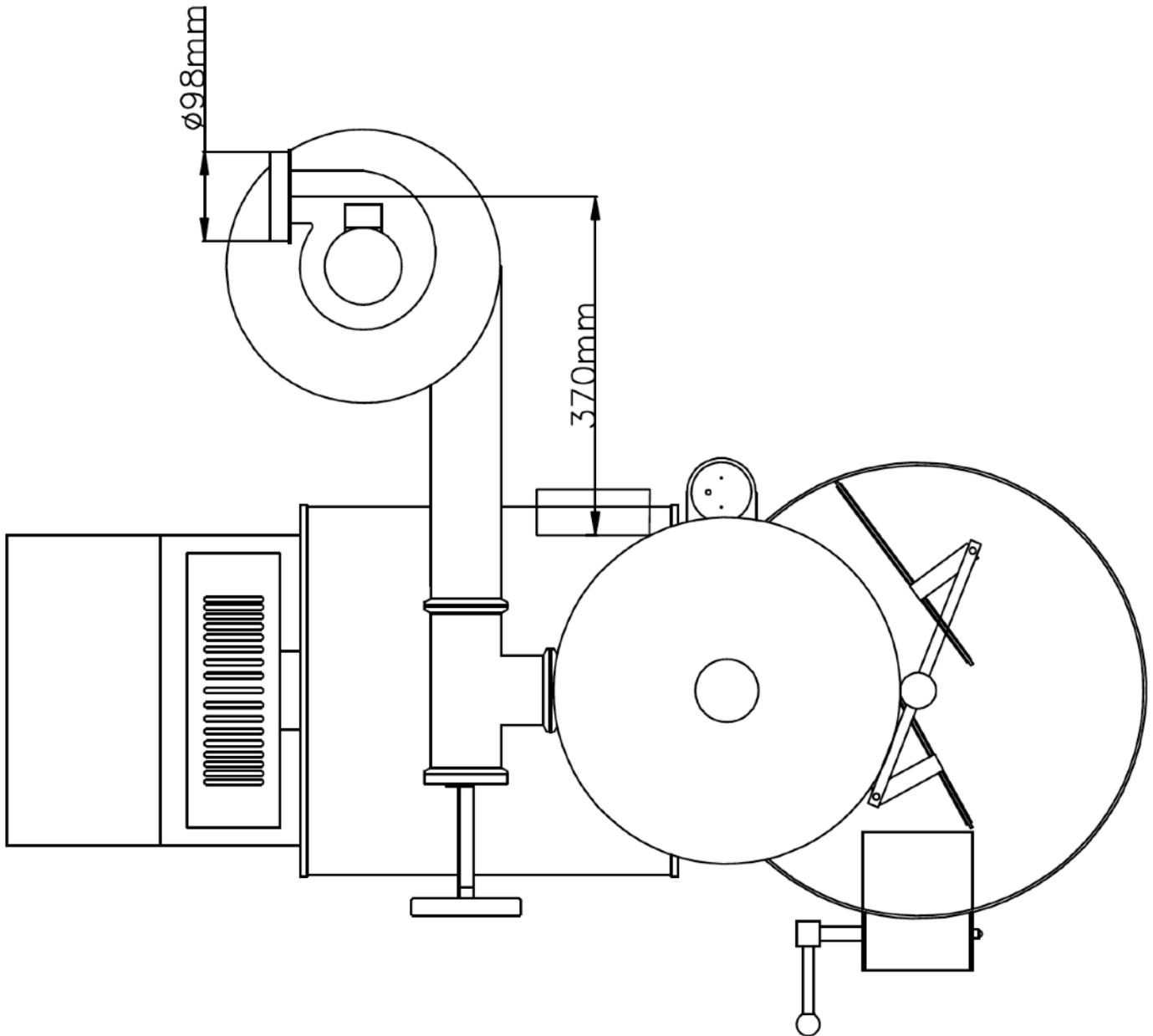


BC-8 FEATURES A 60W CHAFF FAN WITH A 4" PIPE CONNECTION

THE COOLING TRAY VENTING IS A 5" VENT SO YOU CAN USE A 6 TO 5 INCH REDUCER PIPE TO RUN 6" VENTING OUT OF BUILDING



**CLEARANCE FROM ALL COMBUSTABLE
SURFACES:
18-24" SPACE ON ALL SIDES**



COLOR CHOICES:
RED OR BLACK BODIES
(9 Housing Color Choices)

SOLID COLORS



ROSE GOLD



STAINLESS

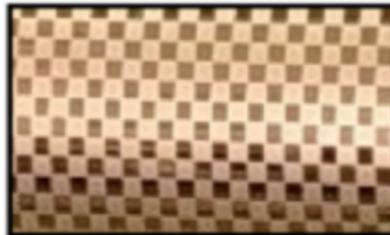


BLACK TITANIUM

CHECKERED



**CHECKERED
BLACK**



**CHECKERED
GOLD**



**CHECKERED
SILVER**

**SILVER
RAINDROP**



GOLD RAINDROP



**NEW FOR 2022:
HAMMERED GOLD**



BODY COLORS:
BLACK, OR RED
SOLID HOUSING COLORS: ROSE GOLD, BLACK TITANIUM, STAINLESS

TEXTURE HOUSINGS: CHECKERED GOLD, CHECKERED BLACK OR
CHECKERED SILVER & NEW SILVER RAINDROP, GOLD RAINDROP &
HAMMERED GOLD!

BC-8 COMMERCIAL COFFEE ROASTER

*FLOOR MODEL WITH CASTER WHEELS
*DIRECT CONNECT CHAFF UNIT FOR SMALLER FOOTPRINT
*CHOICE GAS MODELS

| | |
|---|--|
| SIZE (LxWxH) | 50x37x59" (INCLUDES DIRECT CONNECT CHAFF UNIT IN MEASUREMENT) |
| WEIGHT | 628LB |
| MINIMUM CLEARANCE FROM COMBUSTABLE MATERIALS | 18-24" |
| ROASTING CAPACITY | 2-8LB SINGLE WALL 1LB TO 8LB DOUBLE WALL |
| ROAST TIME & ROASTS PER HOUR | 9-14 MINUTES (5 ROASTS PER HOUR) |
| DRUM INFORMATION | SW DRUM: 5MM SUPERIOR 304SS CONTAINS 18% CHROMIUM AND 8% NICKEL DW DRUM: HAS TWO LAYERS OF 3MM + 2MM 304SS WITH 6MM OF AIR CUSHION. SS WELDING (TOTAL 11MM THICK) |
| ELECTRIC STATS: | GAS MODEL: SINGLE PHASE 220V 50/60HZ 610W REQUIRES STANDARD 15A 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 | 2020 BURNERS: 12 STANDARD HD BURNERS 2021 MODELS 12 IN SW & 15 DW STANDARD HD BURNERS |
| BTU REQUIRMENTS | 60,000 BTU MINIMUM REQUIRED FOR NG LINE |
| GAS PRESSURE | LPG: 12-16WC (3-4KPA) MARSHALL 1912/197 REGULATOR RECOMMENDED NG: 7-14WC |

COMPUTER DATA LOGGING VIA ARTISAN SOFTWARE

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



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| EXHAUST SETUP | |
|--|--|
| EXHAUST PIPE REQUIREMENTS | POSITIVE PRESSURE EXHAUST VENTING WITH MINIMUM CLEARANCE 18-24" FROM COMBUSTABLE MATERIALS RATED 500F MINIMUM |
| 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 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

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