

2KG GAS COFFEE ROASTER



Model: NC-002
Nominal Capacity: 2 Kilograms

Mill City Roasters, Minneapolis, MN, USA
Assembled by North Coffee Roaster Co., LTD, Shenzhen, China



ROASTER SPECIFICATIONS

Dimensions

Roaster Size (length x width x height)	43.75 x 25.75 x 53.25 in (1111 x 654 x 1352 mm)
Roaster Weight	345 lbs (156.5 kg)
Chaff Collector Size (diameter x height)	15.75 x 37.75 in (400 x 958 mm)
Chaff Collector Weight	55 lbs (24.9 kg)
Drum Construction	Double-walled Drum, 430 Stainless Steel, Welded
Drum Size (diameter x length)	8.75 x 9 in (222 x 228 mm)
Cooling Tray Size (diameter)	12.4 in (315 mm)

Capacity/Output

Batch Size	0.4 - 2.4 kg
Average Roasting Time	< 15 minute batch
Production	17.6 lb/hr, 141.1 lb/day (8 kg/hr, 64 kg/day)

Power

Roaster	Single Phase 220v, 15A, 50-60hz
Step-Up Transformer	120v to 220v, 1000W
Drum Motor	45W
Exhaust Fan Motor	50W
Cooling Fan Motor	50W
Cooling Tray Stirring Motor	15W

Gas

Fuel Type	Natural Gas -or- Propane
Max BTU	30,000
Burner Control	Manual Valve
Gas Connection	1/2" NPT
Gas Pressure Required	LP Gas: 16" of water column Natural Gas: 16" of water column
Gas Orifice Size	LP Gas: 0.7 mm (installed at factory) Natural: 0.9 mm (see conversion/installation instructions)
Max Gas Usage	1.1 lb/hr (0.5 kg/hr)

Exhaust

Typical Roaster Exhaust High Temp	400°F - 450°F
Typical Chaff Collector Exhaust High Temp	300°F
Typical Cooling Tray Exhaust High Temp	180°F
Max Exhaust	250 CFM
Exhaust Venting Type Required	Class III, Positive Pressure

Data Logging

USB Logging Interface	Phidget 1048
Logging Thermocouples	BT, ET, Incoming Air