

15KG GAS COFFEE ROASTER



Model: NC-015

Nominal Capacity: 15 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)	77 x 46 x 76 in (1955 x 1168 x 1930 mm)
Roaster Weight	1058.2 lb (480 kg)
Chaff Collector Size (diameter x height)	23.5 x 55.25 in (596 x 1403 mm)
Chaff Collector Weight	121.3 lb (55 kg)
Cooling Fan Size (length x width x height)	21 x 21 x 23 in (533 x 533 x 584 mm)
Cooling Fan Weight	93 lb (43 kg)
Drum Construction	Double-walled Drum, 430 Stainless Steel, Welded
Drum Size (diameter x length)	21.5 x 20.25 in (571 x 514 mm)
Cooling Tray Size (diameter)	32 in (812 mm)

Capacity/Output

Batch Size	2.4 kg - 14.4 kg
Average Roasting Time	< 15 minute batch
Production	99.2 lb/hr, 793.7 lb/day (45 kg/hr, 360 kg/day)

Power

Roaster	Single Phase 220V, 20A, 50-60Hz
Drum Motor	750W
Exhaust Fan Motor	745W
Cooling Fan Motor	750W
Cooling Tray Stirring Motor	750W

Gas

Fuel Type	LP Gas -or- Natural Gas
Max BTU	120,000
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	3.7 lb/hr (1.7 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	900 CFM
Exhaust Venting Type Required	Class III, Positive Pressure

Data Logging

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