

30KG GAS COFFEE ROASTER



Model: NC-030
Nominal Capacity: 30 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)	109 x 54 x 104 in (2779 x 1370 x 2644 mm)
Roaster Weight	3,060 lb (1388 kg)
Chaff Collector Size (diameter x height)	27.5 x 78.25 in (700 x 1988 mm)
Chaff Collector Weight	200 lb (90.72 kg)
Cooling Fan Size (length x width x height)	18.25 x 22 x 26.5 in (463 x 558 x 673 mm)
Cooling Fan Weight	90 lb (40 kg)
Drum Construction	Double-walled Drum, 430 Stainless Steel, Welded
Drum Size (diameter x length)	39.5 x 35.75 in (1002 x 910 mm)
Cooling Tray Size (diameter)	47.5 in (1206 mm)

Capacity/Output

Batch Size	5 - 30 kg
Average Roasting Time	< 15 minutes
Production	198 lb/hr, 1584 lb/day (90 kg/hr, 720 kg/day)

Power

Roaster	Three Phase 220V, 20A, 50-60Hz
Drum Motor	1500W
Exhaust Fan Motor	750W
Cooling Fan Motor	2200W
Cooling Tray Stirring Motor	750W

Gas

Fuel Type	LP Gas -or- Natural Gas
Max BTU	205,000
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 S	LP Gas: 0.7 mm (installed at factory) Natural: 0.9 mm (see conversion/installation instructions)
Max Gas Usage	6.17 lb/hr (2.8 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	1935 CFM
Exhaust Venting Type Required	Class III, Positive Pressure

Data Logging

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