

6KG GAS COFFEE ROASTER



Model: NC-006
Nominal Capacity: 6 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)	59.5 x 38 x 64.5 in (1511 x 965 x 1638 mm)
Roaster Weight	771.6 lb (350 kg)
Chaff Collector Size (diameter x height)	20 x 56 in (508 x 1422 mm)
Chaff Collector Weight	92.6 lb (42 kg)
Cooling Fan Size (length x width x height)	19 x 17 x 22 in (482 x 431 x 558 mm)
Cooling Fan Weight	63 lb (29 kg)
Drum Construction	Double-walled Drum, 430 Stainless Steel, Welded
Drum Size (diameter x length)	13.8 x 15.7 in (350 x 400 mm)
Cooling Tray Size (diameter)	24 in (610 mm)

Capacity/Output

Batch Size	1.2 kg - 7.2 kg
Average Roasting Time	< 15 minute batch
Production	52.9 lb/hr, 423.3 lb/day (24 kg/hr, 192 kg/day)

Power

Roaster	Single Phase, 220V, 15A, 50-60Hz
Drum Motor	400W
Exhaust Fan Motor	750W
Cooling Fan Motor	400W
Cooling Tray Stirring Motor	400W

Gas

Fuel Type	Natural Gas -or- Propane
Max BTU	75,000
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	2.2 lb/hr (1 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	450 CFM
Exhaust Venting Type Required	Class III, Positive Pressure

Data Logging

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