

10KG GAS COFFEE ROASTER



Model: NC-010
Nominal Capacity: 10 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)	69.5 x 42.5 x 72.75 in (1765 x 1079 x 1847 mm)
Roaster Weight	903.9 lb (410 kg)
Chaff Collector Size (diameter x height)	23.5 x 55.5 in (597 x 1409 mm)
Chaff Collector Weight	105.8 lb (48 kg)
Cooling Fan Size (length x width x height)	18.5 x 17 x 21.5 in (469 x 431 x 546 mm)
Cooling Fan Weight	63 lb (29 kg)
Drum Construction	Double-walled Drum, 430 Stainless Steel, Welded
Drum Size (diameter x length)	18.1 x 15.7 in (460 x 400 mm)
Cooling Tray Size (diameter)	27.75 in (704 mm)

Capacity/Output

Batch Size	2 kg - 12 kg
Average Roasting Time	< 15 minute batch
Production	66.1 lb/hr, 529.1 lb/day (30 kg/hr, 240 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	LP Gas -or- Natural Gas
Max BTU	90,000
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	3.3 lb/hr (1.5 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	600 CFM
Exhaust Venting Type Required	Class III, Positive Pressure

Data Logging

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