

ROASTER SPECIFICATIONS

6KG GAS COFFEE ROASTER



Model: NC-076
Nominal Capacity: 6 Kilograms
Manufacturer: North Coffee Equipment Co. LTD, Shenzhen, China
Distributor: Mill City Roasters, Minneapolis, MN, USA

Current Certifications



Dimensions

Roaster Dimensions (L x W x H)	59 x 38 x 68 in (1499 x 965 x 1727 mm)
Roaster Weight	771.6 lb (350 kg)
Chaff Collector Dimensions (Dia. x H)	20 x 56 in (508 x 1422 mm)
Chaff Collector Weight	92.6 lb (42 kg)
Cooling Tray Fan Dimensions (Dia. x H)	17 x 20 in (432 x 508 mm)
Cooling Tray Fan Weight	--
Crate Dimensions (L x W x H)	44 x 57 x 69 in (1118 x 1448 x 1753 mm) 32 x 30 x 41 in (813 x 762 x 1041 mm) 62.75 x 25.75 x 29.75 in (1594 x 654 x 756 mm)
Crate Weight	1040 lb (472 kg) 322 lb (146 kg) 255 lb (116 kg)
Drum Construction	Double-walled Drum, 430 Stainless Steel, Welded
Drum Diameter/length	13.8 / 15.7 in (350 / 400 mm)
Cooling Tray Diameter	15.7 in (400 mm)
Cooling Tray Stirring Arm Length	11.8 in (300 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 Voltage/Frequency	Single phase phase 220v, 15 amp service 50-60Hz
Step-up Transformer	120v to 220v, 1000w
Drum Motor	400w
Exhaust Fan Motor	750w
Exhaust Fan Max Airflow	200m 3/h
Cooling Fan Motor	400w
Cooling Tray Stirring Motor	400w

Gas

Heating Mode	Natural Gas -or- Propane
Max BTU	75,000
Burner Control	Manual Valve
Gas Connection	1/2" NPT
Gas Pressure (inches of water column)	12" minimum - 20" maximum
Typical Chaff Collector Exhaust Temp	300F
Recommended Temp Controller Limit	455F (about 30 seconds into rolling second crack)
Max Gas Usage	2.2 lb/hr (1 kg/hr)

Data Logging

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