

Product Sheet

Description

The NX Burner is a direct response to the demanding requirements of today's homes and oil heat appliances. The NX incorporates the latest combustion technology to produce high performance. The NX burner has a high static pressure platform which includes a standard sound absorbing cover, easy adaptation for outside air ... and more.

Features & Benefits

- **Ease of Service**
- **Reliable Performance**
- **Clean Operation**
- **Quiet**
- **Advanced Air Tube Technology**
- **Adapts to Outside Air (w/1014U Kit)**
- **Low Firing Rates**
- **Advanced Diagnostics**
- **Easily Adaptable to Alarm System**
- **Adjust Pre/Post purge time**
- **Approved for B5 BioHeat®**



Specifications

Ambient Operating Temperature:

+32°F (0°C) Minimum
+115°F (+46°C) Maximum

Capacity

0.40 - 1.75 GPH
56,000 - 245,000 Btu/hr input

Fuels

No.1 or No.2 heating oil (ASTM D396) only

Dimensions (with cover)

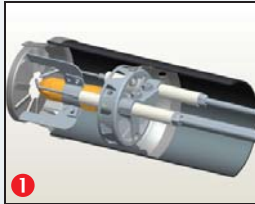
Height: 12-1/2"
Width: 15"
Depth: 9-1/4"
Airtube Diameter: 3-1/4"

Electrical Characteristics

Motor:	1/7 HP, NEMA 48M frame, PSC
Power Supply:	120V AC, 60 Hz, single phase
Ignition	Continuous duty solid-state igniter
Operating Load:	5.8 Amps Max.

The NeXt Generation in oil burner technology.

Product Sheet



NX Advantages

Advanced Air Tube Technology ①

Testing has proven NX technology allows clean combustion over a wider air adjustment range than traditional burners. The NX maximizes fuel/air mixing, flame retention, and minimizes excess air by regulating flow zones in the air tube. The appliance remains cleaner and more efficient with improved heat transfer.

Ease of Service ②

When we set out to develop a premium burner, ease of service was a top goal in the burner design. NX technology combines burner head position and air flow adjustments into a single operation, to match desired output. The NX burner also shares industry standard components for service simplicity.

Quiet ③

Standard sound absorbing burner cover that reduces noise levels along with components and near-burner air supply provide quiet operation.

Adapts to Outside Air ④

High static pressure and the air intake kit (PN1014U) are ideal for direct venting.

Clean Operation ⑤

The patented air guide and scroll insert deliver 4 inches of static pressure (a key to clean operation in modern appliances) providing smooth light-offs even in restrictive situations.

Reliable Performance

The NX uses the same, proven, off-the-shelf components as other Beckett burners. The PSC Motor, CleanCut Pump, Beckett Igniter, GeniSys Control, cad cell, blower wheel, and coupling are same as those on the widely used Beckett AFG.

For an increase in reliability, the air intake is moved away from the floor and above the pump, preventing lint build-up in the burner.

How to Order

Order NX Burner Chassis

Order Air Tube Combination

- Specify Air tube Length (see table)

Select Nozzle

- Recommended nozzle spray angles are 45°, 60°, and 70°

Order Accessories

- Add other items such as spare parts, related controls, Tube Insulator, etc.

Air Tube Combinations

Firing Rate (min-max) GPH	Burner Head	ATC Codes for Usable Air Tube Lengths:		
		5"	7"	9"
0.40 - 0.65	6 - slot	NX50LH	NX70LH	NX90LH
0.50 - 1.00	6 - slot	NX50LC	NX70LC	NX90LC
0.75 - 1.35	9 - slot	NX50LB	NX70LB	NX90LB
1.10 - 1.75	9 - slot	NX50LD	NX70LD	NX90LD

R.W. BECKETT CORPORATION

USA: R.W. Beckett Corporation • ph: (800)645-2876 • fax: (440)327-1064 | Canada: R.W. Beckett Canada Ltd. • ph: (800)665-6972 • fax: (519)763-5656

www.beckettcorp.com