

Mini Draft Barrier Heater



Applications

- Commercial Buildings
- Entryways
- Hallways
- Schools

The BMI mini draft barrier heaters are designed to fit under large windows to prevent cold down drafts. The heater provides total or supplemental heating for a variety of applications.

- **Installation Options:** Units may be wall mounted or installed on the floor using pedestal kits. Custom lengths, blank sections, and inside or outside corners are available for wall-to-wall installations. Units can be ordered with smooth painted finish mounting plates when the back of the heater is visible.
- **Choice of Colors:** Heaters can be matched to any décor. White or almond is standard and a wide range of optional colors and custom finishes including anodized aluminum are available.

Standard Construction Features

Heating Elements – Stainless steel elements with aluminum fins float on high temperature nylon bushings for quiet operation.

Housing – Cabinet is constructed of 18-gauge steel with a 14-gauge aluminum front and top covers. The unit has a polyester powder paint finish in white or almond. End caps are provided on all units.

Inlet/Outlet Grilles – The fresh air inlet is located on the bottom of the unit. The top outlet grille has openings less than 0.25 inches to discourage tampering with the heating element (pencil-proof).

Built-in Controls – Linear limit, automatic reset thermal cutout.

Electrical Connection – Each heater has a junction box located at the right end and a built-in full length wireway. Separate low voltage wireway is available.

Mounting Requirements – Minimum installation height above the floor is two inches. Field or factory-installed low voltage relay and thermostat kits fit into the right-hand junction box only.

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Factory Built-in Options

Code	Description
D3	Disconnect Switch, Double-pole, 277V, 20 Amp
F1	24V Wireway
L	Custom Length
M1	High Altitude Automatic Cutout
R1	24V Relay, 240V, 22 Amp; 277V, 19 Amp; 600V, 10 Amp
R2	24V Relay with Transformer, 240V, 22 Amp; 277V, 19 Amp
R6	Pneumatic Relay, 480V, 20 Amp
R7	Triac Proportional Relay 277V Max., 2500W Max.
S	Smooth painted finish on heater back
T1	Tamperproof Thermostat, Single-pole, 240V, 25 Amp; 600V, 10 Amp
T2	Tamperproof Thermostat, Double-pole, 240V, 25 Amp; 600V, 10 Amp
T5	Adjustable Thermostat, Single-pole, 240V, 25 Amp; 600V, 10 Amp
T6	Adjustable Thermostat, Double-pole, 240V, 25Amp; 600V, 10 Amp

Field-Installed Options

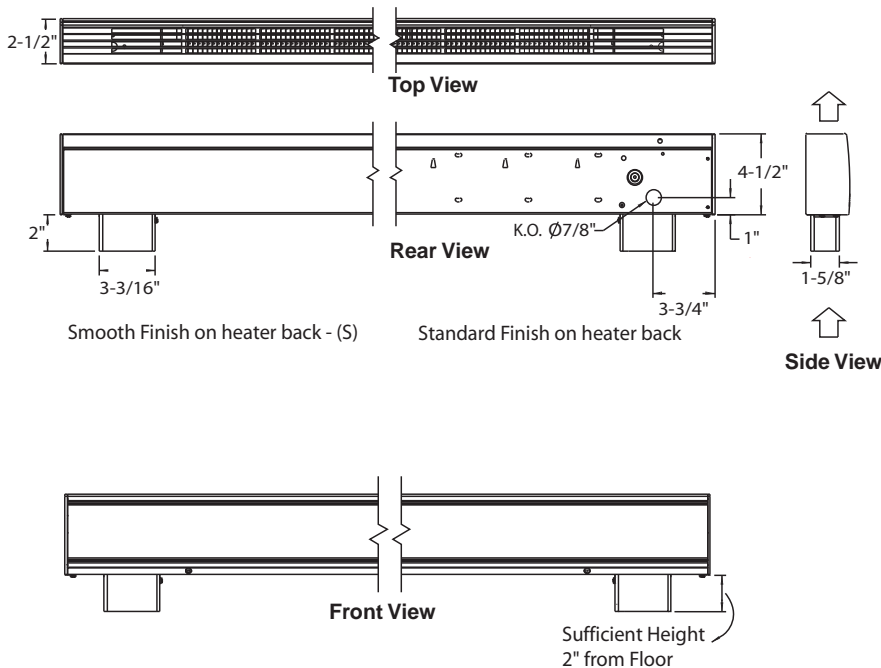
(shipped loose for field installation into heater)

Catalog Number	Description
914-166740	Inside Corner
914-166741	Outside Corner
914-166742	Round Pedestal Kit, 3-5", Qty 2
914-166743	Square Pedestal Kit, 2", Qty 2
914-166744	Splice Plate 2" Long
914-166745	Contoured Splice Plate for Code S (smooth painted finish on heater back) and/or Heater with Pedestals
914-166746	24V Relay Kit, 240V, 22 Amp; 277V, 19 Amp
914-166747	24V Relay Kit with Transformer, 208V, 22 Amp
914-166748	24V Relay Kit with Transformer, 240V, 22 Amp
914-166749	24V Relay Kit with Transformer, 277V 19 Amp
914B-XXX	Blank Section (specify length in inches-XXX)

Standard colors - Add W for white finish or A for almond finish to the end of part number.

Special or custom colors - See inside back cover for color codes to be added to end of part number.

Remote Room Thermostat – See page 99



Shown with optional square pedestal.

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BMI Model: 914U

How to order: Model + Heater Code with color code + Options

(example 914U00400NW-1200-T5)

Length In. (mm)	Density		Watts	Heater Code						Watts 240/208V	Heater Code		Weight Lbs (kg)
	W/Ft	W/m		208V (1 Ph)	Amps	277V (1 Ph)	Amps	480V (1 Ph)	Amps		240/208V (1 Ph)	Amps	
27.6 (700)	150	490	300	00300C‡-700	1.4	00300N‡-700	1.1	—	—	300/225	00300V‡-700	1.3/1.1	7 (3.2)
	175	574	350	00350C‡	1.7	00350N‡	1.3	—	—	350/263	00350V‡	1.5/1.3	
35.4 (900)	100	330	300	00300C‡-900	1.4	00300N‡-900	1.1	00300T‡-900	0.6	300/225	00300V‡-900	1.3/1.1	8.3 (3.8)
	150	490	450	00450C‡-900	2.2	00450N‡-900	1.6	00450T‡-900	0.9	450/338	00450V‡-900	1.9/1.6	
	175	574	525	00525C‡	2.5	00525N‡	1.9	00525T‡	1.1	525/394	00525V‡	2.2/1.9	
47.3 (1200)	100	330	400	00400C‡-1200	1.9	00400N‡-1200	1.4	00400T‡-1200	0.8	400/300	00400V‡-1200	1.7/1.4	10.2 (4.6)
	150	490	600	00600C‡-1200	2.9	00600N‡-1200	2.2	00600T‡-1200	1.3	600/450	00600V‡-1200	2.5/2.2	
	175	574	700	00700C‡	3.4	00700N‡	2.5	00700T‡	1.5	700/526	00700V‡	2.9/2.5	
59.1 (1500)	100	330	500	00500C‡-1500	2.4	00500N‡-1500	1.8	00500T‡-1500	1.0	500/375	00500V‡-1500	2.1/1.8	12 (5.5)
	150	490	750	00750C‡-1500	3.6	00750N‡-1500	2.7	00750T‡-1500	1.6	750/563	00750V‡-1500	3.1/2.7	
	175	574	875	00875C‡	4.2	00875N‡	3.2	00875T‡	1.8	875/657	00875V‡	3.6/3.2	
70.9 (1800)	100	330	600	00600C‡-1800	2.9	00600N‡-1800	2.2	00600T‡-1800	1.3	600/450	00600V‡-1800	2.5/2.2	13.9 (6.3)
	150	490	900	00900C‡-1800	4.3	00900N‡-1800	3.2	00900T‡-1800	1.9	900/675	00900V‡-1800	3.8/3.2	
	175	574	1050	01050C‡	5.0	01050N‡	3.8	01050T‡	2.2	1050/789	01050V‡	4.4/3.8	
82.7 (2100)	100	330	700	00700C‡-2100	3.4	00700N‡-2100	2.5	00700T‡-2100	1.5	700/525	00700V‡-2100	2.9/2.5	15.8 (7.2)
	150	490	1050	01050C‡-2100	5.0	01050N‡-2100	3.8	01050T‡-2100	2.2	1050/788	01050V‡-2100	4.4/3.8	
	175	574	1225	01225C‡	5.9	01225N‡	4.4	01225T‡	2.6	1225/920	01225V‡	5.1/4.4	
94.5 (2400)	100	330	800	00800C‡-2400	3.8	00800N‡-2400	2.9	00800T‡-2400	1.7	800/600	00800V‡-2400	3.3/2.9	17.6 (8)
	150	490	1200	01200C‡-2400	5.8	01200N‡-2400	4.3	01200T‡-2400	2.5	1200/900	01200V‡-2400	5.0/4.3	
	175	574	1400	01400C‡	6.7	01400N‡	5.1	01400T‡	2.9	1400/1052	01400V‡	5.8/5.1	

Other voltages available, consult factory.

‡Standard colors - Add W for white finish or A for almond finish to the end of catalog number when ‡ is indicated.

Special or custom colors - See inside back cover for color codes to be added to end of catalog number where ‡ is indicated