



Finned Tubular Heaters

Backer North America has been a trusted supplier of Finned Tubular heaters for over 100 years. Our specialized engineer design and testing capabilities allow us to consistently produce heating elements that maximize heat exchange and allow it to be transmitted evenly and efficiently.

BENEFITS

- Large Surface Area
- Reduced Sheath & Coil Temperature
- Higher Power Density
- Minimized Radiant Heat-Transfer
- Resilient in harsh environments

APPLICATIONS

- Static heat (Baseboard heat)
- Drying
- Commercial Process & HVAC Equipment
- Duct Heating



Finned Tubular heaters are produced using high-quality steel and customized to be integrated into your application. They are typically used in the Home Appliance, Foodservice Equipment, HVAC & Comfort, Scientific & Medical, and Transportation industries. All heaters have successfully passed rigorous testing and are UL, CE, and CSA recognized.

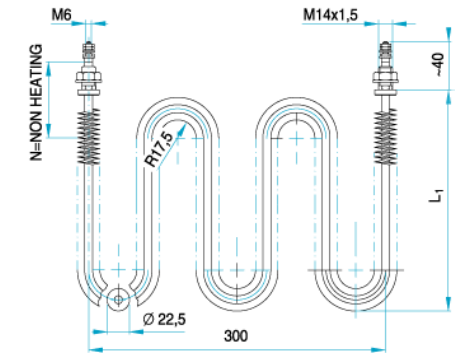
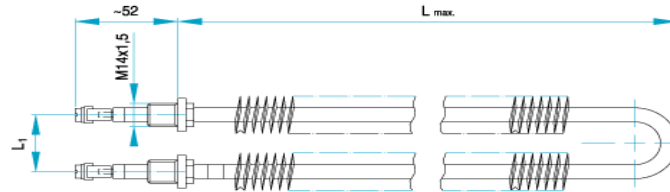


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FINNED TUBULAR HEATERS

TECHNICAL SPECIFICATIONS

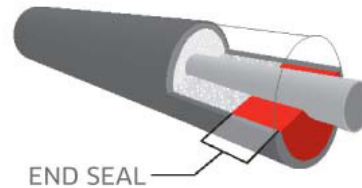
- Spiral-fins tension wound, brazed at ends.
- .312/ .375/ .430/ .475 Sheath diameters
- .315" 304 Stainless Steel Fin
- Overall Diameter = Sheath O.D. + (2x Fin width)



CURRENT CAPABILITIES

Element Sheath Diameter	Sheath Alloys	Standard Fin Stock	Overall Diameter
0.312	304, 321, 840, 800	.315" w x .016"	0.942
0.375	321, 840, 800		1.005
0.43	304, 321, 840, 800		1.06
0.475	304, 321, 840, 800		1.105

END SEAL TREATMENTS



END SEAL

Depending upon the intended use, Backer utilizes our engineering capabilities to construct a heater based on your application specifications. Moisture resistant, water resistant, and waterproof elements can be made to fit your requirements. Elements may be supplied with alternative end seal to allow customer flexibility in sealing the ends after additional processing.

BEND CONFIGURATIONS

Contact a Backer sales representative to confirm dimensions and ensure maximum application suitability.



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