



Kickster

Hydronic Fan Coils



Turbonics INC.



 A MESTEK COMPANY



Turbonics has been a producer of quality hydronic heating and cooling equipment for more than 60 years. Turbonics introduced the Toester under-counter heating units several years ago, to fit the needs of high output emitters in small confined spaces, including kitchens and bathrooms.

The Toester's long history epitomizes the reliability and quality customers have come to expect from our products. Kickster, the Toester's little brother is a lower profile heating unit manufactured to fit under today's European style 14" deep cabinets. Regardless of your space constraints Turbonics has the unit to fit your hydronic heating needs.



Kickster-Pro

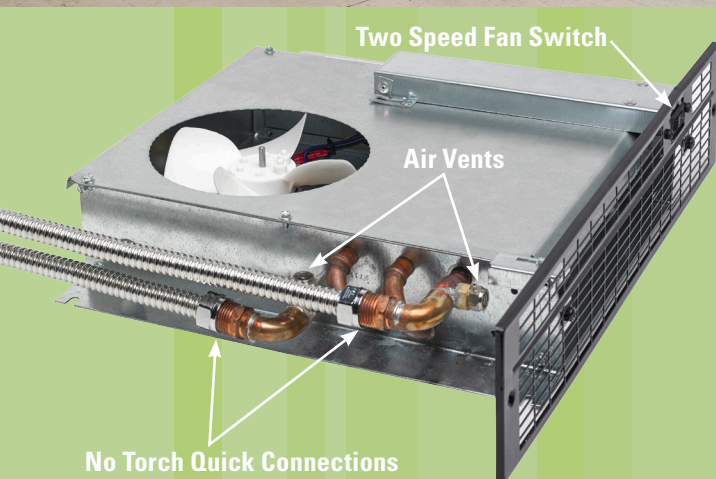
Under-Cabinet Hydronic Fan Coils

Kickster-Pro - K3PRO & K4PRO

Compact, quiet and responsive. Kickster-Pro units can deliver heat to any space evenly and comfortably. Perfect for kitchens and bathrooms, Kickster-Pro units were designed specifically for areas where space is limited including under counters and between wall studs. Kickster-Pro units are designed for easy, cost-effective installation with no solder, quick-connect stainless steel water hoses.

Features & Benefits:

- 1,800 – 4,700 BTU/h
- Centered Trans-Flow Turbine Fan for Quiet Operation and Longer Motor Life
- Black or Brushed Stainless Finish Grille Front
- Ultra-Low Profile
- Front Mounted Two Speed Fan Switch
- Stainless Steel Quick Connections
 - No Torch Installation
- Double Venting for Easier Air Purge/Removal
- Durable C-Frame Motor
- Five-year Limited Warranty



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Kickster - Standard Models

Features & Benefits:

- 1,800 – 4,700 BTU/h
- Lexan Grille
- Ultra-Low Profile
- Standard ½" Sweat Connections
- Application Flexibility in Confined Spaces
- High Efficiency Copper/ Aluminum Heat Exchanger
- Easily Accessed Electrical Components
- Factory Wired Reverse Acting Aquastat
- Durable C-Frame Motor
- Five-year Limited Warranty



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Wall-Mount Hydronic Fan Coils

Kickster – Wall-Mount Models

Features & Benefits:

- Aesthetically Pleasing Design
- Application Flexibility
- 2,700 – 9,200 BTU/h
- Fits Between Standard Construction Studs
- Recessed Grille
- Low Temperature / High Output Core w/ 6, 8 or 18* Passes
- Serpentine Flow Pattern for Optimal Efficiency
- Factory Wired Reversed Acting Aquastat
- Durable C-Frame Motor
- Five-year Limited Warranty

*passes dependent on size of unit



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Heating Capacity (BTU/Hr.) for Kickster-Pro & Standard Kickspace Models

Entering Water Temperature	Water Flow Rate (Gallons Per Minute)					
	1 GPM		2 GPM		3 GPM	
	K3	K4	K3	K4	K3	K4
120°F	1710	1995	1800	2100	1881	2194
140°F	2185	2660	2300	2800	2403	2926
160°F	2850	3615	3000	3700	3135	3866
180°F	3420	4275	3600	4500	3762	4702
Pressure Drop (Ft. Head)	.25		1.00		2.50	
Amps	.55 on High / .45 on Low					

Heating Capacity (BTU/Hr.) for Kickster Wall-Mount (KWM) Models

Entering Water Temperature	Water Flow Rate (Gallons Per Minute)								
	1 GPM			2 GPM			3 GPM		
	KWM4	KWM6	KWM11	KWM4	KWM6	KWM11	KWM4	KWM6	KWM11
120°F	2738	3227	4108	2800	3300	4200	2862	3373	4292
140°F	3814	4401	5672	3900	4500	5800	3986	4599	5928
160°F	4890	5575	7237	5000	5700	7400	5110	5825	7563
180°F	5966	6748	8802	6100	6900	9000	6234	7052	9198
Pressure Drop (Ft. Head)	0.5	0.7	1.0	1.5	2.0	3.0	6.0	7.2	9.0



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