



## Hydronic Unit Heater

Designed to maximize efficiency with minimum size.

### Lodronic™ Low-Temperature Hot Water Unit Heater

The Lodronic™ has been developed by Modine as the first low-temperature hot water heater in the USA engineered and designed specifically for use with high efficiency boilers.

With Lodronic, the typical oversized hydronic unit heater can be downsized and replaced to stop overworking your boiler, maximizing efficiency.



### Experience Significant Performance Improvements with Lodronic\*

- 50% less electric used
- 35% higher discharge temperature
- 30% smaller footprint
- 15% lighter

\* Compared to HC165

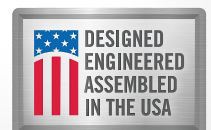
Lodronic is UL1995 certified

#### Ideal Commercial Applications:

- Warehouses
- Industrial buildings
- Mechanical rooms
- Manufacturing plants
- Entryways

#### Ideal Residential Applications:

- Garages
- Work rooms



### Standard Features

- High-temperature output vs older traditional systems
- High-efficiency 4-row coil with low water pressure drop
- Smaller fan and motor for a lower system amp draw
- Designed for lower entering hot water temperatures

### Select from Six Sizes to Perfectly Match Your Application

- 22k to 195k BTU/hr
- 370 to 3200 CFM
- 115, 208, 240, 480, 575V/ 1 phase
- 208, 240, 480, 575V/ 3 phase



\*Hazardous location construction available

	TARGET CAPACITY (BTU/hr)					
With 60F EAT, 140F EWT, 20F WTD	22,000	39,000	67,000	104,000	170,000	195,000
Previous Horizontal Unit Options	WSC 63	WSC 108	WSC 165	WSC 290	WPC 500	WPC 610
Casting Size (H"xW"xD")	20.4 x 21.5 x 8.75	24.4 x 25.5 x 9.5	30.5 x 30.5 x 9.3	38.5 x 38.5 x 12.5	Ø43.3 x 29	Ø51.5 x 29.6
Weight (lbs)	48	74	92	168	376	472
Sound (dba @ 10' from front)	58.4	58.1	62.3	64	-	74.5
Motor HP	1/12	1/8	1/3	1/2	1-1/2	1-1/2
Amp Draw @ 115V	1.7	2.2	4.2	7	18	18
GPM	2.4	4.3	7	11.9	17.8	22.7
WPD	0.2	0.8	2.6	2	0.1	0.3
Final Air Temp (°F)	78	79	79	83	75	77
Lodronic Options	WSH 22	WSH 39	WSH 67	WSH 104	WSH 170	WSH 195
Casing Size (H"xW"xD")	14.5 x 20.2 x 8.4	18.5 x 24.5 x 8.4	22.5 x 29 x 9.7	26.5 x 33 x 9.7	34.5 x 39.5 x 11.2	34.5 x 45.5 x 11.2
% Smaller	36%	36%	27%	54%	64%	71%
Weight (lbs)	32	46	80	93	145	160
% Lighter	33%	38%	13%	45%	61%	66%
Sound (dba @ 10' from front)	53.3	49.8	53.9	57.1	64.6	66.2
Sound % compared to above unit	180%	260%	260%	221%	-	-
Motor HP	1/15	1/15	1/6	1/6	1/3	1/3
Amp Draw @ 115V	0.6	0.6	2.5	2.5	4.2	4.2
Watt Savings / Year	126.5	184	195.5	517.5	1,587	1,587
% Less Energy	65%	73%	40%	64%	77%	77%
Electrical Savings/Year*	\$32.89	\$47.84	\$50.83	\$134.55	\$412.62	\$412.62
GPM	2.2	3.9	6.7	10.4	17	19.5
GPM reduction	0.2	0.4	0.3	1.5	0.8	3.2
WPD	4.9	1.5	2.6	4.8	7.4	10.4
WPD Difference	-4.7	-0.7	0	-2.8	-7.3	-10.1
Final Air Temp (°F)	113	113	113	112	115	115
Increase in Final Air Temp (°F)	35	34	34	29	40	38

\*Based on national average \$0.13 \$/kW/h and 2000 hours of heating runtime.  
 Sound comparison at 10' from unit front calculated using: <https://rechneronline.de/log-scale/decibel.php>



To learn more, visit [www.modinehvac.com](http://www.modinehvac.com) or call 800-828-HEAT

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Modine Manufacturing Company  
 1500 DeKoven Avenue  
 Racine, Wisconsin 53403-2552

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