

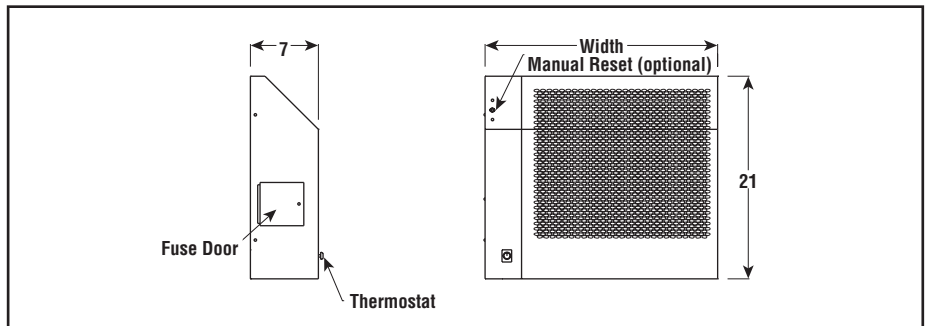


## HCH Wall Mounted Convection Heater

- 500 - 5,000 Watts
- 1,706 - 17,060 Btuh
- 120, 208, 240, 277, 480, 575 and 600 Volt
- 1 & 3 Phase
- Built-in Controls
- 24, 36 or 48" Widths



### Dimensions (Inches)



### Description

Type HCH convection heaters are designed for easy installation in hard-use areas. The patented metal sheath Fintube® radiating heating elements with furnace brazed steel fins assures long life and superior heat transfer. Each unit is self-contained, complete with thermostat, automatic reset (standard) and manual reset (optional) cutout.

### Applications

- Entryways
- Stairwells
- Guard Shacks
- Isolated Buildings
- Cold Spots in Offices or Plants

### Construction

**Cabinet** — Heavy 18 gauge steel, zinc chromate primer and almond polyester powder coat finish.

**Heating Elements** — Rugged, shock-proof 0.475" diameter steel with furnace brazed steel fins.

### Features

**Power Terminal Block** — Provided to facilitate field installation.

**Built-in Contactors and Fused Control Voltage Transformers** — Typical on all models rated over 277V and all three-phase heaters.

**Thermostat and Overtemperature Cutout** — All models include a thermostat (55 - 105°F) and automatic reset overtemperature cutout. Models with suffix M in the model number include an additional manual reset cutout.

### Advantages

- Minimum Maintenance
- Attractive Design
- Self Contained
- Safer to Operate in Unattended Areas

**CAUTION** — Not intended for use where flammable vapors, gases, liquids or other combustible atmospheres are present.

# Industrial Air Heaters

## HCH

### Wall Mounted

### Convection Heater *(cont'd.)*

#### Specifications and Ordering Information

Electrical				Dimensions (In.)			w/o Manual Reset			w/ Manual Reset			Wt. (Lbs.)	
kW	Volts	Phase	Amps	Btuh	Height	Width	Depth	Model	Stock	PCN	Model	Stock		PCN
0.5	120	1	4.2	1,706	21	24	7	HCH-051	NS	330376	HCH-051M	NS	331459	41
0.5	208	1	2.4	1,706	21	24	7	HCH-051	NS	330384	HCH-051M	NS	331467	41
0.5	240	1	2.1	1,706	21	24	7	HCH-051	NS	330392	HCH-051M	NS	331475	41
0.5	277	1	1.8	1,706	21	24	7	HCH-051	NS	330405	HCH-051M	NS	331483	41
0.75	120	1	6.25	2,559	21	24	7	HCH-071	NS	330413	HCH-071M	NS	331491	41
0.75	208	1	3.6	2,559	21	24	7	HCH-071	NS	330421	HCH-071M	NS	331504	41
0.75	240	1	3.1	2,559	21	24	7	HCH-071	NS	330430	HCH-071M	NS	331512	41
0.75	277	1	2.7	2,559	21	24	7	HCH-071	NS	330448	HCH-071M	NS	331520	41
1	120	1	8.3	3,412	21	24	7	HCH-101	NS	330456	HCH-101M	NS	331539	41
1	208	1	4.8	3,412	21	24	7	HCH-101	NS	330464	HCH-101M	NS	331547	41
1	208	3	2.8	3,412	21	24	7	HCH-101	NS	330501	HCH-101M	NS	331580	41
1	240	1	4.2	3,412	21	24	7	HCH-101	NS	330472	HCH-101M	NS	331555	41
1	240	3	2.4	3,412	21	24	7	HCH-101	NS	330510	HCH-101M	NS	331598	41
1	277	1	3.6	3,412	21	24	7	HCH-101	NS	330480	HCH-101M	NS	331563	41
1	480	1	2.1	3,412	21	24	7	HCH-101	NS	330499	HCH-101M	NS	331571	41
1	480	3	1.2	3,412	21	24	7	HCH-101	NS	330528	HCH-101M	NS	331600	41
1	480	3	1.2	3,412	21	24	7	HCH-101 (4W)	NS	330536	HCH-101M (4W)	NS	331619	41
1.5	120	1	12.5	5,118	21	24	7	HCH-151	NS	330544	HCH-151M	NS	331627	41
1.5	208	1	7.2	5,118	21	24	7	HCH-151	NS	330552	HCH-151M	NS	331635	41
1.5	208	3	4.2	5,118	21	24	7	HCH-151	NS	330595	HCH-151M	NS	331678	41
1.5	240	1	6.3	5,118	21	24	7	HCH-151	NS	330560	HCH-151M	NS	331643	41
1.5	240	3	3.6	5,118	21	24	7	HCH-151	NS	330608	HCH-151M	NS	331686	41
1.5	277	1	3.1	5,118	21	24	7	HCH-151	NS	330579	HCH-151M	NS	331651	41
1.5	480	1	3.1	5,118	21	24	7	HCH-151	NS	330587	HCH-151M	NS	331661	41
1.5	480	3	1.8	5,118	21	24	7	HCH-151	NS	330616	HCH-151M	NS	331694	41
1.5	480	3	1.8	5,118	21	24	7	HCH-151 (4W)	NS	330659	HCH-151M (4W)	NS	331731	41
1.5	550	3	1.6	5,118	21	24	7	HCH-151	NS	330624	HCH-151M	NS	331707	41
1.5	575	3	1.5	5,118	21	24	7	HCH-151	NS	330632	HCH-151M	NS	331715	41
1.5	600	3	1.4	5,118	21	24	7	HCH-151	NS	330640	HCH-151M	NS	331723	41
2	120	1	16.7	6,824	21	24	7	HCH-201	NS	330667	HCH-201M	NS	331740	41
2	208	1	9.6	6,824	21	24	7	HCH-201	NS	330675	HCH-201M	NS	331758	41
2	208	3	5.6	6,824	21	24	7	HCH-201	NS	330712	HCH-201M	NS	331790	41
2	240	1	8.3	6,824	21	24	7	HCH-201	NS	330683	HCH-201M	NS	331766	41
2	240	3	4.8	6,824	21	24	7	HCH-201	NS	330720	HCH-201M	NS	331803	41
2	277	1	7.2	6,824	21	24	7	HCH-201	NS	330691	HCH-201M	NS	331774	41
2	480	1	4.2	6,824	21	24	7	<b>HCH-201</b>	<b>S</b>	<b>330704</b>	HCH-201M	NS	331782	41
2	480	3	2.4	6,824	21	24	7	HCH-201	NS	330739	HCH-201M	NS	331811	41
2	480	3	2.4	6,824	21	24	7	HCH-201 (4W)	NS	330771	HCH-201M (4W)	NS	331854	41
2	550	3	2.1	6,824	21	24	7	HCH-201	NS	330747	HCH-201M	NS	331820	41
2	575	3	2	6,824	21	24	7	HCH-201	NS	330755	HCH-201M	NS	331838	41
2	600	3	1.9	6,824	21	24	7	HCH-201	NS	330763	HCH-201M	NS	331846	41
2.5	120	1	20.8	8,530	21	36	7	HCH-251	NS	330780	HCH-251M	NS	331862	57
2.5	208	1	12	8,530	21	36	7	HCH-251	NS	330798	HCH-251M	NS	331870	57
2.5	240	1	10.4	8,530	21	36	7	HCH-251	NS	330800	HCH-251M	NS	331889	57
2.5	277	1	9	8,530	21	36	7	HCH-251	NS	330819	HCH-251M	NS	331897	57
2.5	480	1	5.2	8,530	21	36	7	HCH-251	NS	330827	HCH-251M	NS	331900	57
2.5	208	3	6.9	8,530	21	36	7	HCH-251	NS	330835	HCH-251M	NS	331918	57
2.5	240	3	6	8,530	21	36	7	HCH-251	NS	330843	HCH-251M	NS	331926	57
2.5	480	3	3	8,530	21	36	7	HCH-251	NS	330851	HCH-251M	NS	331934	57
2.5	480	3	3	8,530	21	36	7	HCH-251 (4W)	NS	330894	HCH-251M (4W)	NS	331977	57
2.5	550	3	2.6	8,530	21	36	7	HCH-251	NS	330860	HCH-251M	NS	331942	57
2.5	575	3	2.5	8,530	21	36	7	HCH-251	NS	330878	HCH-251M	NS	331950	57
2.5	600	3	2.4	8,530	21	36	7	HCH-251	NS	330886	HCH-251M	NS	331969	57
3	208	1	14.4	10,236	21	36	7	HCH-301	NS	330907	HCH-301M	NS	331985	57
3	208	3	8.3	10,236	21	36	7	HCH-301	NS	330940	HCH-301M	NS	332021	57
3	240	1	12.5	10,236	21	36	7	HCH-301	NS	330915	HCH-301M	NS	331993	57
3	240	3	7.2	10,236	21	36	7	HCH-301	NS	330958	HCH-301M	NS	332030	57
3	277	1	10.8	10,236	21	36	7	HCH-301	NS	330923	HCH-301M	NS	332005	57
3	480	1	6.3	10,236	21	36	7	HCH-301	NS	330931	HCH-301M	NS	332013	57
3	480	3	3.6	10,236	21	36	7	HCH-301	NS	330966	HCH-301M	NS	332048	57
3	550	3	3.2	10,236	21	36	7	HCH-301	NS	330974	HCH-301M	NS	332056	57
3	575	3	3	10,236	21	36	7	HCH-301	NS	330982	HCH-301M	NS	332064	57
3	600	3	2.9	10,236	21	36	7	HCH-301	NS	330990	HCH-301M	NS	332072	57
3	480	3	3.6	10,236	21	36	7	HCH-301 (4W)	NS	331002	HCH-301M (4W)	NS	332080	57

# Industrial Air Heaters

## HCH

### Wall Mounted

### Convection Heater *(cont'd.)*

#### Specifications and Ordering Information

Electrical				Dimensions (In.)			w/o Manual Reset			w/ Manual Reset			Wt. (Lbs.)	
kW	Volts	Phase	Amps	Btuh	Height	Width	Depth	Model	Stock	PCN	Model	Stock		PCN
3.5	208	1	16.8	11,942	21	36	7	HCH-351	NS	331010	HCH-351M	NS	332099	57
3.5	240	1	14.6	11,942	21	36	7	HCH-351	NS	331029	HCH-351M	NS	332101	57
3.5	277	1	12.6	11,942	21	36	7	HCH-351	NS	331037	HCH-351M	NS	332110	57
3.5	480	1	7.3	11,942	21	36	7	HCH-351	NS	331045	HCH-351M	NS	332128	57
3.5	208	3	9.7	11,942	21	36	7	HCH-351	NS	331053	HCH-351M	NS	332136	57
3.5	240	3	8.4	11,942	21	36	7	HCH-351	NS	331061	HCH-351M	NS	332144	57
3.5	480	3	4.2	11,942	21	36	7	HCH-351	NS	331070	HCH-351M	NS	332152	57
3.5	550	3	3.7	11,942	21	36	7	HCH-351	NS	331088	HCH-351M	NS	332160	57
3.5	575	3	3.5	11,942	21	36	7	HCH-351	NS	331096	HCH-351M	NS	332179	57
3.5	600	3	3.4	11,942	21	36	7	HCH-351	NS	331109	HCH-351M	NS	332187	57
3.5	480	3	4.2	11,942	21	36	7	HCH-351 (4W)	NS	331117	HCH-351M (4W)	NS	332195	57
4	208	1	19.2	13,648	21	48	7	HCH-401	NS	331125	HCH-401M	NS	332208	70
4	208	3	11.1	13,648	21	48	7	HCH-401	NS	331168	HCH-401M	NS	332240	70
4	240	1	16.7	13,648	21	48	7	<b>HCH-401</b>	<b>S</b>	<b>331133</b>	HCH-401M	NS	332216	70
4	240	3	9.6	13,648	21	48	7	HCH-401	NS	331176	HCH-401M	NS	332259	70
4	277	1	14.4	13,648	21	48	7	HCH-401	NS	331141	HCH-401M	NS	332224	70
4	480	1	8.3	13,648	21	48	7	HCH-401	NS	331150	HCH-401M	NS	332232	70
4	480	3	4.8	13,648	21	48	7	HCH-401	NS	331184	HCH-401M	NS	332267	70
4	550	3	4.2	13,648	21	48	7	HCH-401	NS	331192	HCH-401M	NS	332275	70
4	575	3	4.0	13,648	21	48	7	HCH-401	NS	331205	HCH-401M	NS	332283	70
4	600	3	3.9	13,648	21	48	7	HCH-401	NS	331213	HCH-401M	NS	332291	70
4	480	3	4.8	13,648	21	48	7	HCH-401 (4W)	NS	331221	HCH-401M (4W)	NS	332304	70
4.5	208	1	21.6	15,354	21	48	7	HCH-451	NS	331230	HCH-451M	NS	332355	70
4.5	240	1	18.8	15,354	21	48	7	HCH-451	NS	331248	HCH-451M	NS	332320	70
4.5	277	1	16.2	15,354	21	48	7	HCH-451	NS	331256	HCH-451M	NS	332339	70
4.5	480	1	9.4	15,354	21	48	7	HCH-451	NS	331264	HCH-451M	NS	332347	70
4.5	208	3	12.5	15,354	21	48	7	HCH-451	NS	331272	HCH-451M	NS	332355	70
4.5	240	3	10.8	15,354	21	48	7	HCH-451	NS	331280	HCH-451M	NS	332363	70
4.5	480	3	5.4	15,354	21	48	7	HCH-451	NS	331299	HCH-451M	NS	332371	70
4.5	480	3	5.4	15,354	21	48	7	HCH-451 (4W)	NS	331336	HCH-451M (4W)	NS	332419	70
4.5	550	3	4.7	15,354	21	48	7	HCH-451	NS	331301	HCH-451M	NS	332380	70
4.5	575	3	4.5	15,354	21	48	7	HCH-451	NS	331310	HCH-451M	NS	332398	70
4.5	600	3	4.3	15,354	21	48	7	HCH-451	NS	331328	HCH-451M	NS	332400	70
5	208	1	24	17,060	21	48	7	HCH-501	NS	331344	HCH-501M	NS	332427	70
5	208	3	13.9	17,060	21	48	7	HCH-501	NS	331387	HCH-501M	NS	332460	70
5	240	1	20.1	17,060	21	48	7	HCH-501	NS	331352	HCH-501M	NS	332435	70
5	240	3	12	17,060	21	48	7	HCH-501	NS	331395	HCH-501M	NS	332478	70
5	277	1	18.1	17,060	21	48	7	HCH-501	NS	331360	HCH-501M	NS	332443	70
5	480	1	10.4	17,060	21	48	7	<b>HCH-501</b>	<b>S</b>	<b>331379</b>	HCH-501M	NS	332451	70
5	480	3	6	17,060	21	48	7	HCH-501	NS	331408	HCH-501M	NS	332486	70
5	480	3	6	17,060	21	48	7	HCH-501 (4W)	NS	331440	HCH-501M (4W)	NS	332523	70
5	550	3	5.3	17,060	21	48	7	HCH-501	NS	331416	HCH-501M	NS	332494	70
5	575	3	5	17,060	21	48	7	HCH-501	NS	331424	HCH-501M	NS	332507	70
5	600	3	4.8	17,060	21	48	7	HCH-501	NS	331432	HCH-501M	NS	332515	70

**Stock Status:** S = stock NS = non-stock  
**To Order**—Specify model, PCN, kW, volts, phase and quantity.

**Note** — (4W) represents 4 wire.

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