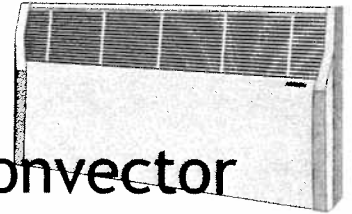


Lo-Line™ HC

Heating and Cooling from a Single Convactor



LO-LINE HC FAN CONVECTORS – BTU/HR HEAT OUTPUT – ENTERING AIR @ 65 °F

MODEL #	FLOW RATE GPM ¹	POWER WATTS	FAN SPEED	AIR DELIVERY (CFM)	ENTERING WATER TEMPERATURE (°F)									
					110**	120**	130**	140	150	160	170	180	190	200
HC 19-15	3.0	60	Boost	221	7,817	9,654	11,525	13,429	15,357	17,316	19,305	21,324	23,372	25,448
			Medium	179	6,381	7,871	9,385	10,924	12,487	14,074	15,683	17,315	18,969	20,645
			Low	132	5,064	6,246	7,447	8,668	9,908	11,166	12,443	13,738	15,049	16,374
HC 14-10	3.0	60	Boost	186	6,383	7,886	9,418	10,979	12,569	14,187	15,832	17,504	19,203	20,928
			Medium	138	5,237	6,468	7,722	8,999	10,299	11,618	12,954	14,309	15,685	17,080
			Low	94	4,376	5,399	6,440	7,498	8,573	9,664	10,772	11,896	13,036	14,191
HC 9-6	3.0	40	Boost	96	4,209	5,198	6,207	7,233	8,279	9,342	10,416	11,506	12,613	13,735
			Medium	69	3,836	4,732	5,644	6,572	7,514	8,471	9,442	10,427	11,426	12,438
			Low	52	3,331	4,109	4,900	5,703	6,519	7,346	8,186	9,038	9,902	10,775
HC 6-4	3.0	25	Boost	60	2,518	3,110	3,714	4,329	4,956	5,593	6,241	6,899	7,569	8,246
			Medium	42	2,133	2,635	3,147	3,668	4,199	4,739	5,288	5,846	6,413	6,985
			Low	28	1,821	2,250	2,688	3,134	3,589	4,052	4,522	5,001	5,487	5,981

¹NOTE: Correction factor for 1.0 gpm, multiply by 0.87

**For output at water temperatures below 140°F, optional 107°F low temperature cut-off required.

NOTE: For proper sizing, use the rating at Medium or Low speeds.

FAN CONVECTOR COMPARISON @ 180 °F WATER TEMP

MODEL #	FAN SPEED	BASEBOARD (525 BTU/FT)	C.I. RADIATORS (225 BTU/SQ FT)
HC 19-15	Boost/Med/Low	41/33/26 ft	95/77/61 sq ft
HC 14-10	Boost/Med/Low	33/27/23 ft	78/64/53 sq ft
HC 9-6	Boost/Med/Low	22/20/17 ft	51/46/40 sq ft
HC 6-4	Boost/Med/Low	13/11/10 ft	31/26/22 sq ft

UNIT WEIGHT (LBS)

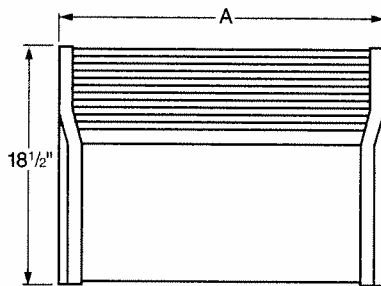
MODEL #	UNIT WEIGHT	WEIGHT PACKED
HC 19-15	35.5	38.5
HC 14-10	30.0	33.0
HC 9-6	21.0	24.5
HC 6-4	16.5	20.0

FRICITION LOSS (HEAD)

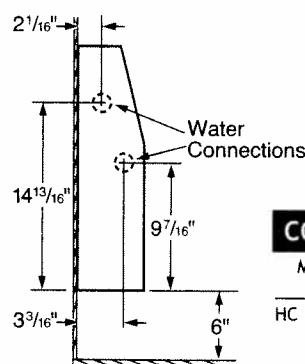
MODEL #	FT WG	
	0.5 GPM	1.25 GPM
HC 19-15	0.6	3.0
HC 14-10	0.4	2.4
HC 9-6	0.4	2.3
HC 6-4	0.4	2.1

DIMENSIONS

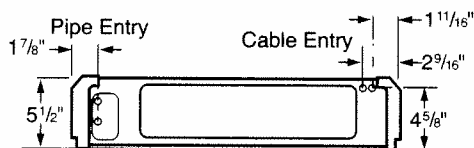
MODEL #	A
HC 19-15	45 7/8"
HC 14-10	35 7/8"
HC 9-6	25"
HC 6-4	20 1/4"



Front View



Side View



Bottom View

NOTE: For surface mounting application only.



COOLING MODE: ENTERING WATER/AIR TEMP. DIFF. °F

Model #	Flow Rate	Fan Speed	Latent* – BTU/hr			Sensible – BTU/hr		
			25°F	35°F	45°F	25°F	35°F	45°F
HC 19-15	3 gpm	Boost	6,430	10,638	15,488	5,239	6,263	7,157
		Medium	6,080	10,035	14,588	4,774	5,806	6,719
		Low	5,466	8,995	13,042	4,333	5,163	5,886
HC 14-10	3 gpm	Boost	4,932	8,088	11,706	4,166	5,075	5,882
		Medium	4,034	6,588	9,503	3,449	4,132	4,731
		Low	3,359	5,485	7,853	2,934	3,608	4,211
HC 9-6	3 gpm	Boost	2,662	4,314	6,187	2,169	3,013	3,849
		Medium	2,218	3,585	5,132	1,961	2,324	2,638
		Low	1,822	2,939	4,204	1,626	1,943	2,218
HC 6-4	3 gpm	Boost	1,810	2,921	4,178	1,459	2,026	2,590
		Medium	1,409	2,271	3,243	1,275	1,561	1,816
		Low	1,147	1,845	2,633	1,047	1,300	1,527

*These figures are at 50% relative humidity.

LO-LINE HC FAN CONVECTOR SPECIFICATIONS - Engineered to be efficient.

Fan Unit... A highly efficient tangential fan extends the full width of the heat exchanger, giving extremely quiet, trouble-free operation. All units have aluminum fans, sealed motor bearings, and permanently lubricated porous bronze sleeve fan bearings.

Controls... The Lo-Line Heater Cooler has a three speed fan, best controlled by a 110V AC heat/cool thermostat with 3-speed sub-base. (By others.)

Heat Exchanger... Fin tube heat exchanger is a manifold design with copper water conduits expanded to create firm contact with the surrounding aluminum fins. Special air turbulator design maximizes the rate of heat transfer. All units are hydraulically tested to 300 psi.

Tamper-Proof Controls Cover... All units include a tamper-proof controls cover which conceals all electrical controls from unauthorized usage.

Construction... The chassis is manufactured from zinc-coated painted steel.

Water Connections... Supply and return are 1/2" copper to compression isolation valves in the lower left corner of the unit. An air vent(s) for bleeding the convactor is easily accessed through the front of the unit with a screwdriver. No special key is needed.

Warranty... MYSON offers a full ten year warranty on the heat exchanger and a full three year warranty on the fan motor.