

Hi-Line™ HC RC

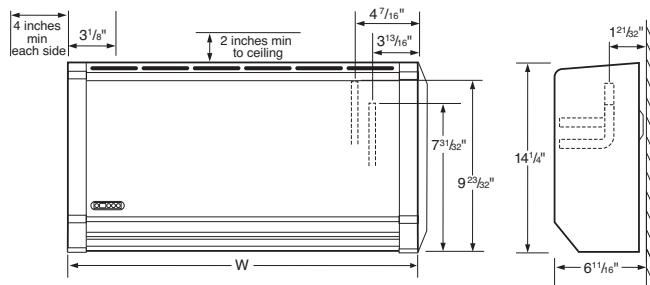
Heating and Cooling in One Convactor



Hi-Line HC RC Fan Convectors • Btu/hr Heat Output - entering air @ 65°F

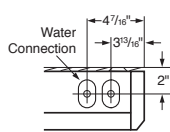
Model	Flow Rate (3 gpm)	Fan Speed	Air Delivery (cfm)	Entering water temperature (°F)									
				110	120	130	140	150	160	170	180	190	200
Hi Line HC 20-14 RC	1	Boost	254	6847	8454	10076	11711	13358	15014	16679	18352	20033	21720
		Medium	218	6116	7556	9011	10477	11955	13441	14936	16439	17948	19465
		Normal	168	5152	6367	7593	8831	10077	11332	12593	13862	15136	16417
	3	Boost	254	7870	9717	11582	13461	15354	17257	19171	21094	23026	24965
		Medium	218	7030	8685	10357	12043	13741	15449	17168	18895	20630	22373
		Normal	168	5922	7318	8728	10150	11583	13025	14475	15933	17398	18870
Hi Line HC 15-10 RC	1	Boost	196	5237	6470	7717	8973	10240	11514	12796	14084	15378	16678
		Medium	162	4035	4987	5949	6919	7896	8879	9869	10864	11863	12866
		Normal	122	3591	4440	5297	6161	7032	7909	8791	9679	10571	11466
	3	Boost	196	6019	7437	8870	10314	11770	13234	14708	16188	17676	19170
		Medium	162	4638	5732	6838	7953	9076	10206	11344	12487	13636	14789
		Normal	122	4128	5103	6088	7082	8083	9091	10105	11125	12150	13179
Hi Line HC 10-6 RC	1	Boost	129	3677	4545	5423	6308	7199	8097	9000	9908	10820	11736
		Medium	101	2896	3581	4272	4969	5672	6381	7092	7808	8528	9251
		Normal	84	2402	2969	3543	4121	4704	5291	5882	6475	7072	7672
	3	Boost	129	4226	5224	6233	7250	8275	9307	10345	11388	12437	13490
		Medium	101	3329	4116	4910	5712	6520	7334	8152	8975	9802	10633
		Normal	84	2761	3413	4072	4737	5407	6082	6761	7443	8129	8818
Hi Line HC 7-4 RC	1	Boost	78	2533	3132	3737	4347	4962	5581	6204	6830	7459	8092
		Medium	62	1942	2401	2866	3335	3807	4282	4761	5242	5725	621
		Normal	48	1409	1743	2081	2421	2765	3110	3458	3808	4159	4513
	3	Boost	78	2912	3600	4295	4996	5703	6415	7131	7851	8574	9301
		Medium	62	2232	2760	3294	3833	4376	4922	5472	6025	6581	7140
		Normal	48	1620	2004	2392	2783	3178	3575	3975	4377	4781	5187

Hi-Line HC RC Fan Convactor



Front View

Side View



Top View

NOTE: Piping and wiring openings are accessible from either top or back.
NOTE: For surface mounting application only.

DIMENSIONS

MODEL	W
HC 20-14 RC	46-3/32"
HC 15-10 RC	34-15/16"
HC 10-6 RC	26-7/8"
HC 7-4 RC	21-13/16"

Model	Flow Rate (gpm)	Friction Loss (head) FT WG
HC 20-14 RC	1.0 / 3.0	0.58 / 2.68
HC 15-10 RC	1.0 / 3.0	0.45 / 2.08
HC 10-6 RC	1.0 / 3.0	0.27 / 1.57
HC 7-4 RC	1.0 / 3.0	0.22 / 1.36

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 20-14 RC	3 gpm	Boost	5320	8750	12689	4528	6325	6998
		Medium	5018	8261	11988	4123	5707	6550
		Normal	4172	6867	9964	3437	4613	5292
HC 15-10 RC	3 gpm	Boost	4241	6978	10124	3633	5123	5767
		Medium	3182	5238	7600	2707	3781	4183
		Normal	2943	4842	7023	2530	3582	4061
HC 10-6 RC	3 gpm	Boost	2592	4266	6189	2121	3096	4091
		Medium	2145	3529	5119	1813	2517	2741
		Normal	1920	3158	4579	1627	2268	2487
HC 7-4 RC	3 gpm	Boost	1906	3137	4550	1526	2227	1941
		Medium	1572	2589	3758	1347	1898	2138
		Normal	1057	1740	2525	912	1294	1477

*These figures are at 50% relative humidity.

HI-LINE HC RC FAN CONVACTOR SPECIFICATIONS — Engineered to be efficient.

Controls... The supplied infrared remote control system can be operated in automatic or manual mode. In automatic mode, the desired room temperature is programmed into the unit and fan speed is automatically adjusted until temperature is achieved. In manual mode, 3 fan speeds can be selected.

The water temperature sensor brings the fan on at 90°F. in heating mode and 59°F. in cooling mode. Fan speed and room temperature may be adjusted with the remote control.

Construction... The chassis is manufactured from zinc-coated painted steel. Fan assemblies have ball bearings for longer life and quieter service.

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

