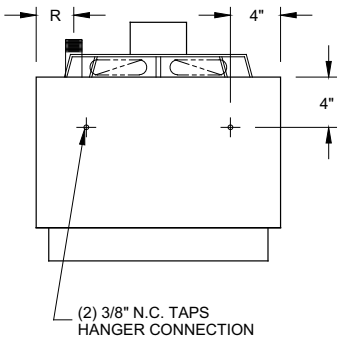
H Series

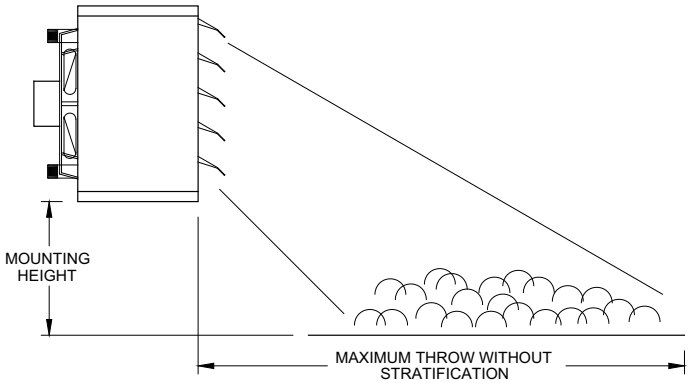
Horizontal Unit Heaters

AIRTEX™

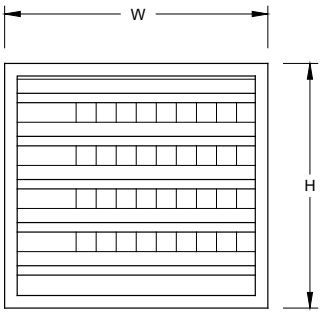
HYDRONIC SYSTEMS

HEAT TRANSFER DIVISION

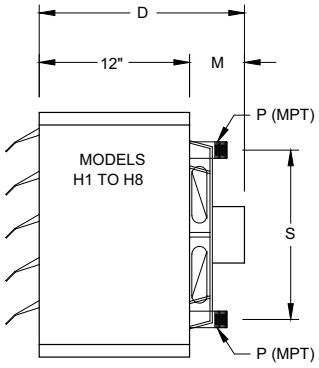


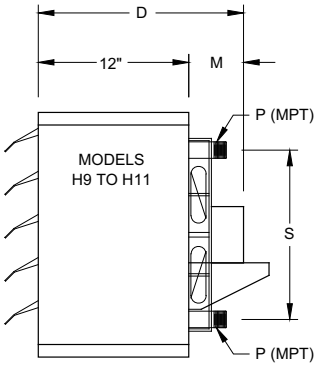


NOTE:
THE FIGURES GIVEN FOR HORIZONTAL THROW IN THE TABLE BELOW REPRESENT THE MAXIMUM THROW DISTANCE AT VARIOUS LEAVING AIR TEMPERATURES, USING THE HORIZONTAL LOUVRES.



SHOWN WITH THE STANDARD 4 WAY
ADJUSTABLE DIFFUSERS AND FAN GUARD



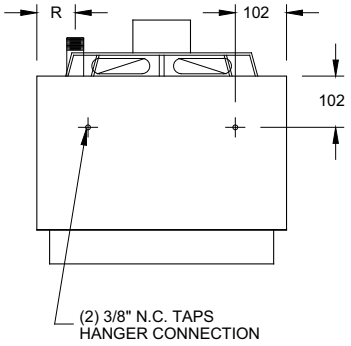


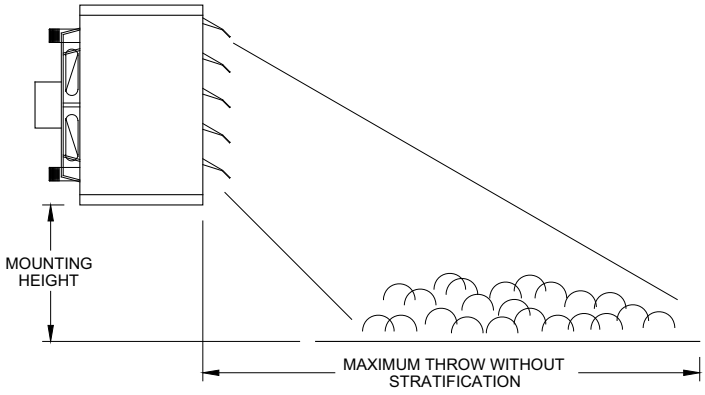
	MODEL	H (in)	W (in)	D (in)	M (in)	R (in)	S (in)	P (in)	NOISE LEVEL	WEIGHT (LBS.)	MAX. MTG. HEIGHT (FT)	HORIZONTAL THROW (FEET) LEAVING AIR TEMPERATURE			
												75°F	100°F	125°F	150°F
IMPERIAL	H 1	19 1/2	21	18 1/2	6 1/2	3	13 7/8	1	LOW	88	9	27	24	22	17
	H 2	22	24	18 1/2	6 1/2	3	16 3/8	1	LOW	94	9	35	30	27	21
	H 3	22	24	19 1/2	7 1/2	3	16 3/8	1	LOW	98	9	37	32	29	22
	H 4	24 1/2	27	19 1/2	7 1/2	2 7/8	18 7/8	1 1/4	LOW	112	10	40	35	32	24
	H 5	24 1/2	27	21 5/8	9 5/8	2 7/8	18 7/8	1 1/4	MED	130	11	44	38	35	26
	H 6	27	29	21 5/8	9 5/8	2 3/4	21 3/8	1 1/2	MED	147	11	46	40	37	28
	H 7	32	34	21 5/8	9 5/8	2 3/4	26 3/8	1 1/2	MED	180	11	49	43	39	30
	H 8	32	34	21 3/4	9 3/4	2 /34	26 3/8	1 1/2	MED	194	12	54	47	43	33
	H 9	32	34	22 3/4	10 3/4	2 3/4	26 3/8	1 1/2	HIGH	235	13	56	49	45	34
	H 10	37	39	22 3/4	10 3/4	2 7/8	31 3/8	2	HIGH	284	14	61	53	49	37
	H 11	42	44	22	10	2 7/8	36 3/8	2	HIGH	330	15	67	58	53	41

IMPERIAL

MODEL No. AIR FLOW RATE	MOTOR		WATER T.D. °F	200°F EWT			180°F EWT			160°F EWT			2 PSIG STEAM	
	HP (AMPS)	RPM		CAP. (MBH)	FLOW (GPM)	P.D. (FT.)	CAP. (MBH)	FLOW (GPM)	P.D. (FT.)	CAP. (MBH)	FLOW (GPM)	P.D. (FT.)	CAP. (MBH)	FLOW (LBS/HR)
H1 550 CFM	1/20 (1.6)	1500	**20**	**35.0**	**3.6**	**1.4**	**29.4**	**3.0**	**1.1**	**24.0**	**2.5**	**0.8**	39.1	40.5
			30	32.9	2.3	0.7	27.0	1.9	0.5	21.0	1.4	0.3		
			40	29.8	1.5	0.3	24.7	1.3	0.3	—	—	—		
H2 620 CFM	1/20 (1.6)	1500	**20**	**45.1**	**4.7**	**1.1**	**37.9**	**3.9**	**0.8**	**30.7**	**3.1**	**0.6**	51.5	53.3
			30	42.3	2.9	0.5	34.9	2.4	0.4	27.8	1.9	0.3		
			40	39.3	2.0	0.3	32.8	1.7	0.3	—	—	—		
H3 840 CFM	1/12 (3.8)	1500	**20**	**53.1**	**5.5**	**1.5**	**44.7**	**4.6**	**1.1**	**36.0**	**3.6**	**0.7**	64.2	66.5
			30	49.6	3.4	0.6	40.3	2.7	0.4	32.0	2.2	0.3		
			40	45.7	2.4	0.3	37.1	1.9	0.3	—	—	—		
H4 1000 CFM	1/12 (3.8)	1500	**20**	**67.4**	**7.0**	**1.1**	**56.8**	**5.9**	**0.7**	**45.7**	**4.7**	**0.5**	81.8	84.7
			30	63.0	4.4	0.4	51.8	3.5	0.3	41.0	2.8	0.2		
			40	58.1	3.0	0.2	—	—	—	—	—	—		
H5 1240 CFM	1/6 (3.0)	1075	**20**	**75.6**	**7.8**	**1.1**	**63.6**	**6.5**	**0.8**	**51.2**	**5.2**	**0.6**	93.8	97.1
			30	70.2	4.9	0.5	57.3	3.9	0.3	45.2	3.1	0.3		
			40	63.9	3.3	0.3	52.8	2.8	0.2	—	—	—		
H6 1480 CFM	1/6 (3.0)	1075	**20**	**93.8**	**9.7**	**1.3**	**79.0**	**8.1**	**0.9**	**64.1**	**6.6**	**0.7**	116.6	120.7
			30	87.9	6.1	0.5	71.7	4.9	0.4	56.8	3.9	0.2		
			40	80.5	4.2	0.3	—	—	—	—	—	—		
H7 1760 CFM	1/6 (3.0)	1075	**20**	**129.0**	**13.3**	**1.9**	**108.2**	**11.1**	**1.4**	**88.5**	**9.0**	**1.0**	161.7	167.4
			30	122.4	8.4	0.8	100.6	6.8	0.6	79.8	5.4	0.4		
			40	113.3	5.8	0.4	92.7	4.8	0.3	—	—	—		
H8 2280 CFM	1/4 (4.1)	1075	**20**	**143.0**	**14.7**	**0.89**	**120.7**	**12.4**	**0.66**	**96.4**	**9.8**	**0.44**	173.3	179.4
			30	132.2	9.1	0.37	108.7	7.4	0.26	86.6	6.0	0.18		
			40	122.2	6.3	0.16	—	—	—	—	—	—		
H9 3430 CFM	1/2 (9.9)	1050	**20**	**176.2**	**18.2**	**1.32**	**146.2**	**15.0**	**0.94**	**117.1**	**12.0**	**0.64**	212.1	219.6
			30	159.8	11.0	0.53	128.5	8.8	0.36	100.1	6.8	0.23		
			40	143.3	7.4	0.26	116.8	6.0	0.18	—	—	—		
H10 4020 CFM	1/2 (9.9)	1050	**20**	**235.0**	**24.2**	**1.52**	**197.8**	**20.3**	**1.14**	**158.4**	**16.3**	**0.79**	271.5	281.1
			30	217.9	15.0	0.65	177.2	12.1	0.45	138.3	9.4	0.30		
			40	197.2	10.2	0.32	158.4	8.1	0.22	—	—	—		
H11 4450 CFM	1/2 (9.9)	1050	**20**	**288.3**	**29.8**	**1.98**	**242.8**	**24.9**	**1.46**	**196.6**	**20.1**	**1.03**	335.0	346.0
			30	270.9	18.7	0.86	223.3	15.3	0.61	175.4	12.0	0.41		
			40	248.8	12.8	0.43	203.3	10.5	0.31	—	—	—		

NOTES: All data for 60°F EAT.
For alternate operating conditions refer to page 62.





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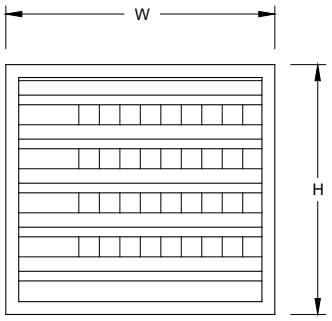
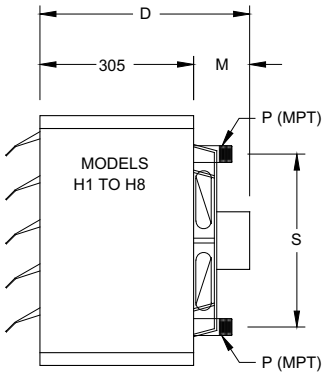
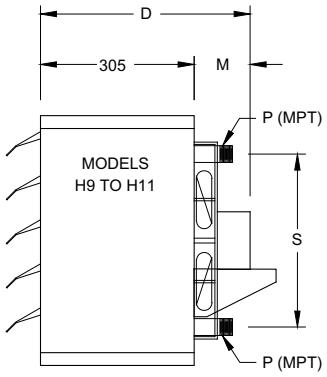


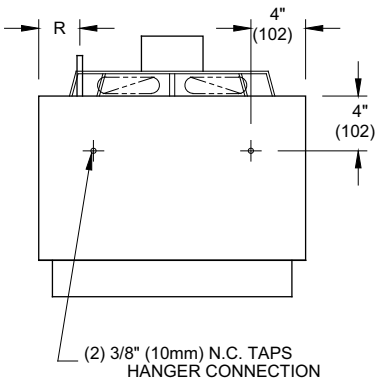
SHOWN WITH THE STANDARD 4 WAY
ADJUSTABLE DIFFUSERS AND FAN GUARD

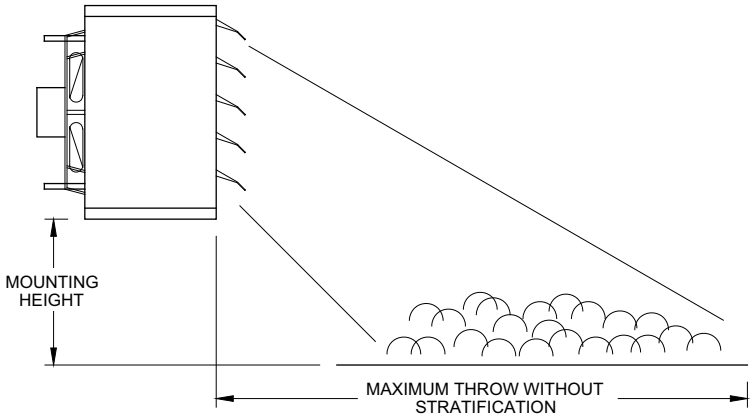




	MODEL	H (mm)	W (mm)	D (mm)	M (mm)	R (mm)	S (mm)	P (mm)	NOISE LEVEL	WEIGHT (KG.)	MAX. MTG. HEIGHT (M)	HORIZONTAL THROW (METRES) LEAVING AIR TEMPERATURE			
												24°C	38°C	52°C	66°C
METRIC	**H 1**	495	533	470	165	76	352	25	LOW	40	2.7	8.2	7.3	6.7	5.2
	H 2	559	610	470	165	76	416	25	LOW	43	2.7	10.7	9.1	8.2	6.4
	H 3	559	610	495	191	76	416	25	LOW	45	2.7	11.3	9.8	8.8	6.7
	H 4	622	686	495	191	73	479	32	LOW	51	3.0	12.1	10.7	9.8	7.3
	H 5	622	686	549	244	73	479	32	MED	59	3.4	13.4	11.6	10.7	7.9
	H 6	686	737	549	244	70	543	38	MED	67	3.4	14.0	12.2	11.3	8.5
	H 7	813	864	549	244	70	670	38	MED	82	3.4	14.9	13.1	11.9	9.1
	H 8	813	864	552	248	70	670	38	MED	88	3.7	16.4	14.3	13.1	10.1
	H 9	813	864	578	273	70	670	38	HIGH	107	4.0	17.1	14.9	13.7	10.4
	H 10	940	991	578	273	73	797	51	HIGH	129	4.3	18.6	16.2	14.9	11.3
	H 11	1067	1118	559	254	73	924	51	HIGH	150	4.6	20.4	17.7	16.2	12.5

LOW AIR TEMPERATURE RISE MODEL





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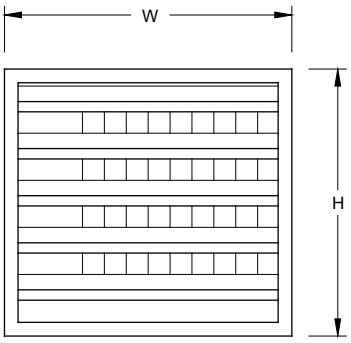

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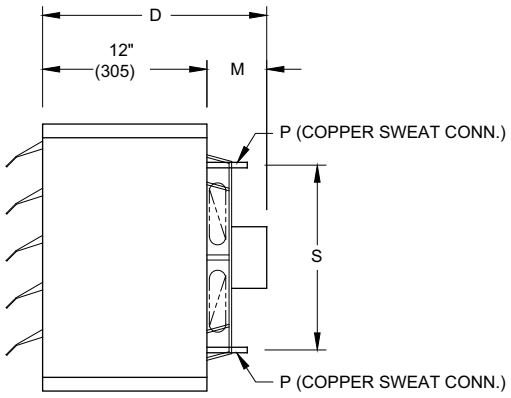


MODEL	H	W	D	M	R	S	P	NOISE LEVEL	WEIGHT	MAX. MTG. HEIGHT	HORIZONTAL THROW FT (M)		
											LEAVING AIR TEMPERATURE		
	INCHES (mm)	INCHES (mm)	INCHES (mm)	INCHES (mm)	INCHES (mm)	INCHES (mm)	INCHES (mm)		LBS (LG)	FT (M)	75°F (24°C)	100°F (38°C)	125°F (52°C)
H1L	19 1/2 (495)	21 (533)	18 1/2 (470)	6 1/2 (165)	3 (76)	13 7/8 (352)	1/2 (13)	LOW	85 (39)	9 (2.7)	27 (8.2)	24 (7.3)	22 (6.7)
H2L	22 (559)	24 (610)	18 1/2 (470)	6 1/2 (165)	3 (76)	16 3/8 (416)	1/2 (13)	LOW	90 (41)	9 (2.7)	35 (10.7)	30 (9.1)	27 (8.2)
H3L	22 (559)	24 (610)	19 1/2 (495)	7 1/2 (191)	3 (76)	16 3/8 (416)	1/2 (13)	LOW	94 (43)	9 (2.7)	37 (11.3)	32 (9.8)	29 (8.8)
H4L	24 1/2 (622)	27 (686)	19 1/2 (495)	7 1/2 (191)	2 7/8 (73)	18 7/8 (479)	5/8 (16)	LOW	106 (48)	10 (3.0)	40 (12.1)	35 (10.7)	32 (9.8)
H5L	24 1/2 (622)	27 (686)	21 5/8 (549)	9 5/8 (244)	2 7/8 (73)	18 7/8 (479)	5/8 (16)	MED	124 (56)	11 (3.4)	44 (13.4)	38 (11.6)	35 (10.7)
H6L	27 (686)	29 (737)	21 5/8 (549)	9 5/8 (244)	2 3/4 (70)	21 3/8 (543)	5/8 (16)	MED	139 (63)	11 (3.4)	46 (14.0)	40 (12.2)	37 (11.3)

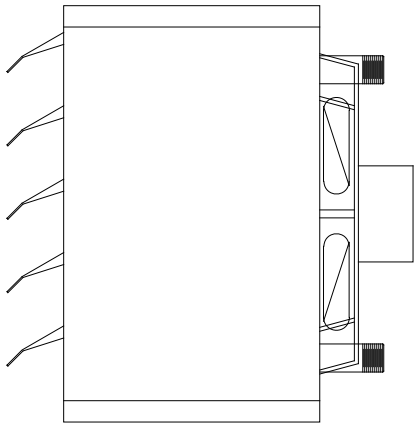
METRIC

MODEL No. AIR FLOW RATE	MOTOR		WATER T.D. °C	93°C EWT			82°C EWT			71°C EWT			13.8 kPa STEAM	
	WATTS (AMPS)	RPM		CAP. (kW)	FLOW (L/s)	P.D. (kPa)	CAP. (kW)	FLOW (L/s)	P.D. (kPa)	CAP. (kW)	FLOW (L/s)	P.D. (kPa)	CAP. (kW)	FLOW (KG/HR)
H1 260 L/s	37 (1.6)	1500	**11**	**10.3**	**0.23**	**4.2**	**8.6**	**0.19**	**3.3**	**7.0**	**0.16**	**2.4**	11.5	18.4
			17	9.6	0.15	2.1	7.9	0.12	1.5	6.2	0.09	0.9		
			22	8.7	0.09	0.9	7.2	0.08	0.9	—	—	—		
H2 293 L/s	37 (1.6)	1500	**11**	**13.2**	**0.30**	**3.3**	**11.1**	**0.25**	**2.4**	**9.0**	**0.20**	**1.8**	15.1	24.2
			17	12.4	0.18	1.5	10.2	0.15	1.2	8.2	0.12	0.9		
			22	11.5	0.13	0.9	9.6	0.11	0.9	—	—	—		
H3 396 L/s	62 (3.8)	1500	**11**	**15.6**	**0.35**	**4.5**	**13.1**	**0.29**	**3.3**	**10.6**	**0.23**	**0.21**	18.8	30.2
			17	14.5	0.21	1.8	11.8	0.17	1.2	9.4	0.14	0.9		
			22	13.4	0.15	0.9	10.9	0.12	0.9	—	—	—		
H4 472 L/s	62 (3.8)	1500	**11**	**19.8**	**0.44**	**3.3**	**16.7**	**0.37**	**2.1**	**13.4**	**0.30**	**1.5**	24.0	38.5
			17	18.5	0.28	1.2	15.2	0.22	0.9	12.0	0.18	0.6		
			22	17.0	0.19	0.6	—	—	—	—	—	—		
H5 585 L/s	124 (3.0)	1075	**11**	**22.2**	**0.49**	**3.3**	**18.6**	**0.41**	**2.4**	**15.0**	**0.33**	**1.8**	27.5	44.1
			17	20.6	0.31	1.5	16.8	0.25	0.9	13.3	0.20	1.2		
			22	18.7	0.21	0.9	15.5	0.18	0.6	—	—	—		
H6 698 L/s	124 (3.0)	1075	**11**	**27.5**	**0.61**	**3.9**	**23.2**	**0.51**	**2.7**	**18.8**	**0.42**	**2.1**	34.2	54.9
			17	25.8	0.38	1.5	21.0	0.31	1.2	16.7	0.25	0.6		
			22	23.6	0.27	0.9	—	—	—	—	—	—		
H7 831 L/s	124 (3.0)	1075	**11**	**37.8**	**0.84**	**5.7**	**31.7**	**0.70**	**4.2**	**26.0**	**0.57**	**3.0**	47.4	76.1
			17	35.9	0.53	2.4	29.5	0.43	1.8	23.4	0.34	1.2		
			22	33.2	0.37	1.2	27.2	0.30	0.9	—	—	—		
H8 1076 L/s	187 (4.1)	1075	**11**	**41.9**	**0.93**	**2.7**	**35.4**	**0.78**	**2.0**	**28.3**	**0.62**	**1.3**	50.8	91.5
			17	38.8	0.57	1.1	31.9	0.47	0.8	25.4	0.38	0.5		
			22	35.8	0.40	0.5	—	—	—	—	—	—		
H9 1619 L/s	373 (9.9)	1050	**11**	**51.6**	**1.15**	**4.0**	**42.9**	**0.95**	**2.8**	**34.3**	**0.76**	**1.9**	62.1	99.8
			17	46.8	0.69	1.6	37.7	0.56	1.1	29.3	0.43	0.7		
			22	42.0	0.47	0.8	34.2	0.39	0.5	—	—	—		
H10 1897 L/s	373 (9.9)	1050	**11**	**68.9**	**1.53**	**4.6**	**58.0**	**1.28**	**3.4**	**46.4**	**1.03**	**2.4**	79.5	127.8
			17	63.9	0.95	2.0	51.9	0.76	1.4	40.5	0.59	0.9		
			22	57.8	0.64	1.0	46.4	0.51	0.7	—	—	—		
H11 2100 L/s	373 (9.9)	1050	**11**	**84.5**	**1.88**	**5.9**	**71.2**	**1.57**	**1.4**	**57.6**	**1.27**	**3.1**	98.2	157.3
			17	79.4	1.18	2.6	65.5	0.97	1.8	51.4	0.76	1.2		
			22	72.9	0.81	1.3	59.6	0.66	0.9	—	—	—		

NOTES: All data for 16°C EAT.
For alternate operating conditions refer to page 62.

STEAM PRESSURE	ENTERING AIR TEMPERATURE							
	°F (°C)	°F (°C)	°F (°C)	°F (°C)	°F (°C)	°F (°C)	°F (°C)	°F (°C)
PSI (kPa)	30 (-1)	40 (4)	50 (10)	60 (15)	70 (21)	80 (26)	90 (32)	100 (37)
0 (0)	1.19	1.11	1.03	0.96	0.88	0.81	0.74	0.67
2 (14)	1.24	1.16	1.08	1.00	0.93	0.85	0.78	0.71
5 (34)	1.29	1.21	1.13	1.05	0.97	0.90	0.83	0.76
10 (69)	1.38	1.29	1.21	1.13	1.06	0.98	0.91	0.84
15 (103)	1.44	1.34	1.28	1.19	1.12	1.04	0.97	0.90
20 (138)	1.50	1.42	1.33	1.25	1.17	1.10	1.02	0.95
50 (345)	1.76	1.67	1.58	1.50	1.42	1.34	1.26	1.19
75 (518)	1.90	1.81	1.72	1.64	1.55	1.47	1.39	1.32
100 (690)	2.02	1.93	1.84	1.75	1.66	1.58	1.50	1.42

ENTERING WATER TEMPERATURE	ENTERING AIR TEMPERATURE °F (°C)							
	°F (°C)	°F (°C)	°F (°C)	°F (°C)	°F (°C)	°F (°C)	°F (°C)	°F (°C)
°F (°C)	30 (-1)	40 (4)	50 (10)	60 (15)	70 (21)	80 (26)	90 (32)	100 (37)
100 (38)	0.49	0.43	0.36	0.29	0.21	0.14	0.07	0.00
120 (49)	0.66	0.58	0.51	0.43	0.35	0.28	0.21	0.14
140 (60)	0.81	0.73	0.65	0.57	0.49	0.42	0.35	0.27
160 (71)	0.96	0.88	0.80	0.72	0.64	0.56	0.48	0.41
180 (82)	1.11	1.03	0.94	0.86	0.78	0.70	0.62	0.55
200 (93)	1.26	1.17	1.09	1.00	0.92	0.84	0.76	0.68
220 (104)	1.41	1.32	1.23	1.14	1.06	0.89	0.90	0.82
240 (116)	1.56	1.46	1.38	1.29	1.20	1.12	1.04	0.96



NOTES: Apply to 2 PSIG (13.8 kPa) steam or 200°F (93°C) EWT and 60°F (16°C) EAT.

LOW AIR TEMPERATURE RISE MODEL

IMPERIAL

MODEL NO. AIR FLOW RATE	MOTOR		WATER T.D. °F	200°F EWT			180°F EWT			160°F EWT			2 PSIG STEAM	
	HP (AMPS)	RPM		CAP. (MBH)	FLOW (GPM)	P.D. (FT.)	CAP. (MBH)	FLOW (GPM)	P.D. (FT.)	CAP. (MBH)	FLOW (GPM)	P.D. (FT.)	CAP. (MBH)	FLOW (LBS/HR)
H1L 475 CFM	1/20 (1.6)	1500	**20**	**18.3**	**1.9**	**1.7**	**15.2**	**1.6**	**1.2**	**12.0**	**1.2**	**0.8**	21.2	21.9
			30	16.8	1.2	0.7	13.7	0.9	0.5	10.6	0.7	0.3		
			40	15.6	0.8	0.4	12.3	0.6	0.2	9.0	0.5	0.1		
H2L 510 CFM	1/20 (1.6)	1500	**20**	**22.9**	**2.4**	**3.6**	**19.1**	**2.0**	**2.5**	**15.3**	**1.6**	**1.7**	26.4	27.3
			30	21.5	1.5	1.4	17.6	1.2	1.0	13.9	0.9	0.7		
			40	20.0	1.0	0.7	16.1	0.8	0.5	12.2	0.6	0.3		
H3L 910 CFM	1/12 (3.8)	1500	**20**	**32.3**	**3.3**	**7.1**	**27**	**2.8**	**5.0**	**21.7**	**2.2**	**3.1**	36.1	37.3
			30	30.3	2.1	2.8	24.9	1.7	1.9	19.4	1.3	1.2		
			40	28.1	1.5	1.4	22.7	1.2	1.0	17.1	0.9	0.6		
H4L 965 CFM	1/12 (3.8)	1500	**20**	**41.5**	**4.3**	**4.5**	**34.7**	**3.6**	**3.1**	**27.7**	**2.8**	**2.0**	43.7	45.2
			30	38.8	2.7	1.7	31.9	2.2	1.2	24.9	1.7	0.8		
			40	36.2	1.9	0.9	29.0	1.5	0.6	22.0	1.1	0.4		
H5L 1420 CFM	1/6 (3.0)	1075	**20**	**51.8**	**5.4**	**6.9**	**43.1**	**4.4**	**4.8**	**34.5**	**3.5**	**3.0**	53.3	55.2
			30	48.4	3.3	2.7	39.5	2.7	1.8	30.9	2.1	1.1		
			40	44.8	2.3	1.3	35.9	1.8	0.9	27.1	1.4	0.5		
H6L 1585 CFM	1/6 (3.0)	1075	**20**	**62.6**	**6.5**	**12.7**	**52.2**	**5.3**	**8.7**	**42.0**	**4.3**	**5.6**	63.5	65.7
			30	58.8	4.0	5.0	48.4	3.3	3.3	38.0	2.6	2.1		
			40	55.1	2.8	2.4	44.4	2.3	1.6	34.0	1.7	1.0		

METRIC

MODEL NO. AIR FLOW RATE	MOTOR		WATER T.D. °C	93°C EWT			82°C EWT			71°C EWT			13.8 kPa STEAM	
	WATTS (AMPS)	RPM		CAP. (kW)	FLOW (L/s)	P.D. (kPa)	CAP. (kW)	FLOW (L/s)	P.D. (kPa)	CAP. (kW)	FLOW (L/s)	P.D. (kPa)	CAP. (kW)	FLOW (KG/HR)
H1L 224 L/s	37 (1.6)	1500	**11**	**5.4**	**0.12**	**5.2**	**4.5**	**0.10**	**3.6**	**3.5**	**0.08**	**2.4**	6.2	9.9
			17	4.9	0.08	2.1	4.0	0.06	1.5	3.1	0.04	0.9		
			22	4.6	0.05	1.2	3.6	0.04	0.6	2.6	0.03	0.3		
H2L 241 L/s	37 (1.6)	1500	**11**	**6.7**	**0.15**	**10.9**	**5.6**	**0.13**	**7.6**	**4.5**	**0.10**	**5.2**	7.7	12.4
			17	6.3	0.09	4.2	5.2	0.08	3.0	4.1	0.06	2.1		
			22	5.9	0.06	2.1	4.7	0.05	1.5	3.6	0.04	0.9		
H3L 430 L/s	62 (3.8)	1500	**11**	**9.5**	**0.21**	**21.5**	**7.9**	**0.18**	**15.2**	**6.4**	**0.14**	**9.4**	10.6	16.9
			17	8.9	0.13	8.5	7.3	0.11	5.8	5.7	0.08	3.6		
			22	8.2	0.09	4.2	6.7	0.08	3.0	5.0	0.06	1.8		
H4L 456 L/s	62 (3.8)	1500	**11**	**12.2**	**0.27**	**13.6**	**10.2**	**0.23**	**9.4**	**8.1**	**0.18**	**6.1**	12.8	20.5
			17	11.4	0.17	5.2	9.3	0.14	3.6	7.3	0.11	2.4		
			22	10.6	0.12	2.7	8.5	0.09	1.8	6.4	0.07	1.2		
H5L 671 L/s	124 (3.0)	1075	**11**	**15.2**	**0.34**	**20.9**	**12.6**	**0.28**	**14.5**	**10.1**	**0.22**	**9.1**	15.6	25.1
			17	14.2	0.21	8.2	11.6	0.17	5.5	9.1	0.13	3.3		
			22	13.1	0.14	3.9	10.5	0.11	2.7	7.9	0.09	1.5		
H6L 749 L/s	124 (3.0)	1075	**11**	**18.3**	**0.41**	**38.5**	**15.3**	**0.33**	**26.4**	**12.3**	**0.27**	**17.0**	18.6	29.8
			17	17.2	0.25	15.2	14.2	0.21	10.0	11.1	0.16	6.4		
			22	16.1	0.18	7.3	13.0	0.14	4.8	10.0	0.11	3.0		

NOTES: All data for 60°F EAT.
For alternate operating conditions refer to page 62.

HORIZONTAL UNIT HEATERS

1. Casings shall be constructed of 18 gauge (1.2mm) satin coat steel with electrostatically applied powder coat prime finish and shall have two integral 3/8" (10mm) threaded hanger connections. Provide four way adjustable louvred diffuser, factory mounted on each unit.

2. Coils shall be 1/2" (13mm) copper _____ steel tube with rippled aluminum fins. Headers include steel MPT pipe connections located at back of unit. Coils to be factory tested with air at 300 psig (2070 kPa).

3. Fans shall be aluminum blade type, dynamically balanced and direct connected to motor shaft.

4. Motors shall be 115V/1/60 and incorporate sleeve bearings and automatic re-set overload protection. H-1 through H-4 use 1500 RPM open shaded pole _____ totally enclosed permanent split capacitor, type motors. Size H-5 through H-8 motors are 1050 RPM totally enclosed permanent split capacitor type. H-9 through H-11 motors are open permanent split capacitor type. All units complete with fan guards.

5. Optional explosion proof motors: 1/4 HP (0.19 kW) 4.6 amps 1725 RPM H-1 through H-4, 1/4 HP (0.19 kW) 5.8 amps 1200 RPM H-5 through H-8; 1/2 HP (0.37 kW) 9.4 amps 1140 RPM H-9 through H-11

6. Optional Stainless Steel: Casing shall be 18 gauge (1.3mm) 304 Stainless Steel. Coil shall have baked Heresite coating and motor shall be totally enclosed.

7. Units shall be Airtex Hydronic Systems, model numbers and sizes as indicated on drawings and/or schedules.

HORIZONTAL UNIT HEATER SCHEDULE
(BASED ON AIRTEX HYDRONIC SYSTEMS)

TYPE ON PLAN	MODEL	ARRANGEMENT	MBH (kW)	HP (WATTS)	REMARKS

helpful hints