

Specifications

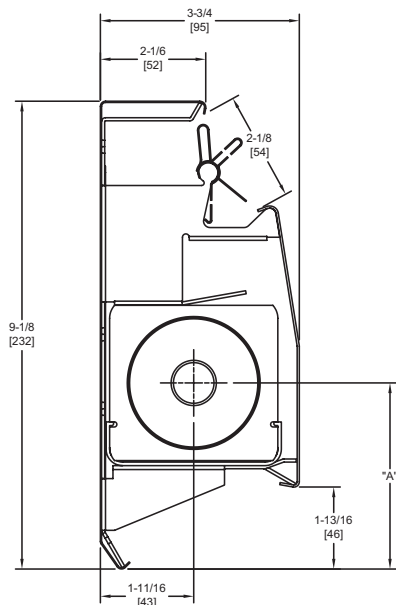
Ratings

Element Type	Tube Size & Material	Fin Size & Material	Water Flow (GPM)	Average Hot Water Temperature - BTU/Hr./Lin./Ft.									
				120°F	130°F	140°F	150°F	160°F	170°F	180°F	190°F	200°F	210°F
H1	3/4" Copper	3-1/4" x 3-1/4" x .018 aluminum	4	316	401	486	547	644	770	870	970	1070	1160
			1	299	380	460	518	610	730	820	920	1010	1100
H3	3/4" Copper	2-1/2" x 2-3/4" x .011 aluminum	4	269	342	414	466	549	640	740	820	910	990
			1	255	323	392	441	519	610	700	780	860	940
H4	1" Copper	2-1/2" x 2-3/4" x .011 aluminum	4	267	338	410	461	543	640	730	810	900	980
			1	252	320	388	437	514	610	690	770	850	930
H2	1" Copper	3-1/4" x 3-1/4" x .018 aluminum	4	307	389	472	531	625	740	840	930	1040	1130
			1	290	368	446	502	591	700	790	880	980	1070
H5	1-1/4" Copper	3-1/4" x 3-1/4" x .018 aluminum	4	295	375	454	511	602	710	800	900	990	1090
			1	306	388	470	529	623	670	760	850	940	1030
H6	1-1/4" IPS Steel	3-1/4" x 3-1/4" x .026 electro-gal. steel	4	252	320	388	437	514	610	690	770	850	930
			1	239	304	368	414	488	580	650	730	800	880

NOTE: All the above ratings are based on active length, which is 4" less than total length, and includes a 15% addition for heating effect.

The use of these ratings at 2000 lb/hr is limited to installations where the water flow rate through the baseboard unit is equal to or greater than 2000 lb/hr. Where the flow rate through the baseboard is not known; the rating at 500 lb/hr. must be used.

Dimensional Data



"A" DIMENSIONS

Dimension	H1	H3	H4	H2	H5	H6
"A"	3-5/8"	3-1/2"	3-1/2"	3-5/8"	3-5/8"	3-5/8"

H1 Element

3/4" Nominal Copper Tubing with 3-1/4" x 3-1/4" x .018" thick aluminum fins (natural finish) x 51 fins per ft. Pressure Drop (in ft. of head per 100 ft. - ft./100 ft.) @ 1 GPM = 0.32 ft./100 ft. and @ 4 GPM = 4.16 ft./100 ft. Bursting Pressure 1412 psi.; Operating Pressure 283 psi.

H3 Element

3/4" Nominal Copper Tubing with 2-1/2" x 2-3/4" x .010" thick aluminum fins (natural finish) x 58 fins per ft. Pressure Drop (in ft. of head per 100 ft. - ft./100 ft.) @ 1 GPM = 0.32 ft./100 ft. and @ 4 GPM = 4.16 ft./100 ft. Bursting Pressure 1412 psi.; Operating Pressure 283 psi.

H4 Element

1" Nominal Copper Tubing with 2-1/2" x 2-3/4" x .011" thick aluminum fins (natural finish) x 58 fins per ft. Pressure Drop (in ft. of head per 100 ft. - ft./100 ft.) @ 1 GPM = 0.09 ft./100 ft. and @ 4 GPM = 1.13 ft./100 ft. Bursting Pressure 1082 psi.; Operating Pressure 216 psi.

H2 Element

1" Nominal Copper Tubing with 3-1/4" x 3-1/4" x .018" thick aluminum fins (natural finish) x 51 fins per ft. Pressure Drop (in ft. of head per 100 ft. - ft./100 ft.) @ 1 GPM = 0.09 ft./100 ft. and @ 4 GPM = 1.13 ft./100 ft. Bursting Pressure 1082 psi.; Operating Pressure 216 psi.

H5 Element

1-1/4" Nominal Copper Tubing with 3-1/4" x 3-1/4" x .018" thick aluminum fins (natural finish) x 51.5 fins per ft. Pressure Drop (in ft. of head per 100 ft. - ft./100 ft.) @ 1 GPM = 0.03 ft./100 ft. and @ 4 GPM = 0.41 ft./100 ft. Bursting Pressure 1556 psi.; Operating Pressure 311 psi.

H6 Element

1-1/4" IPS Steel Pipe with 3-1/4" x 3-1/4" x .026" thick steel fins (painted finish) x 48 fins per ft. Pressure Drop @ 4 GPM = 0.35 ft./100 ft. Both ends threaded. Bursting Pressure 7590 psi.; Operating Pressure 1000 psi.

Multi/Pak® 88 Baseboard

NU-WHITE RUST RESISTANT GALVANIZED STEEL

88
SERIES

COMPLETE ASSEMBLY

Stock No.	Description	Output*	Shipping Wt./Ft. (lbs/Kg)
88A	Complete Assembly with H3 Element Fully Assembled	940	3.6 / 1.6
88D	Enclosure Only	--	2.9 / 1.3

ELEMENT ONLY

Stock No.	Heating Element	Output*	Shipping Wt./Ft. (lbs/Kg)
H-1	3/4" (19mm) Copper with 3 1/4" x 3 1/4" Aluminum Fins	1070	1.3 / 0.6
H-3	3/4" (19mm) Copper with 2 3/4" x 2 1/2" Aluminum Fins	910	0.9 / 0.4
H-4	1" (25mm) Copper with 2 3/4" x 2 1/2" Aluminum Fins	900	1.0 / 0.4
H-2	1" (25mm) Copper with 3 1/4" x 3 1/4" Aluminum Fins	1040	1.5 / 0.7
H-5X	1 1/4" (32mm) Copper with 3 1/4" x 3 1/4" Aluminum Fins	990	1.6 / 0.7
H-6X	1 1/4" (32mm) IPS Steel with 3 1/4" x 3 1/4" Aluminized Steel Fins	850	4.6 / 2.1

*BTU/hr/ft at 200°F water temp., 4 g.p.m. flow.

88A Complete Assembly

Packed in individual cartons. Price includes element, enclosure, brackets, plastic expansion cradles, and damper. Splice plate set also included with lengths 5 feet and longer. Pre-cut lengths: 2, 3, 4, 5, 6, 7, 8 and 10 feet. (10 foot assembly contains two separate elements.)

Enclosure Only

Complete assembly, without element. Pre-cut lengths: 2, 3, 4, 5, 6, 7, 8 and 10 feet. Splice plate included in 5 feet and longer.

Element Only

(No enclosure.) Complete with expansion cradles. Pre-cut lengths: 2, 3, 4, 5, 6, 7 and 8 feet.

ACCESSORIES

Description	Carton Quantity	Shipping Wt. (lbs/Kg)	Orientation
NON-HINGED			
Wall Trim, 5" (102mm)	8	0.8 / 0.3	
Wall Trim, 9" (228mm)	8	1.0 / 0.5	
Splice Plate 2" (50mm) Wide	As Ordered	0.2 / 0.1	
Filler Sleeve, 14" (356mm) Wide	10	1.7 / 0.8	
Outside Corner 90°	6	0.8 / 0.3	
Outside Corner 135°	6	0.8 / 0.3	
End Cap, 3" (75 mm) Wide	18	0.9 / 0.4	R L
Slotted End Cap, 3" (75 mm) Wide	18	0.8 / 0.3	R L
Inside Corner 90°	12	0.4 / 0.2	
Inside Corner 135°	12	0.4 / 0.2	
HINGED			
Valve Cover, 9" (228 mm) Wide	6	1.9 / 0.9	R L
Slotted Valve Cover, 9" (228 mm) Wide	6	1.8 / 0.8	R L

ADDITIONAL ACCESSORIES

Description	Carton Quantity	Shipping Wt. (lbs/Kg)
Front Panel Only	As Ordered	1.0 / 0.5 (ft)
Damper Only	As Ordered	0.4 / 0.1 (ft)
Support Brackets	As Ordered	0.2 / 0.1
Plastic Expansion Cradle for H3, H4	As Ordered	0.1 / 0.1
Plastic Expansion Cradle for H1, H2, H5, H6	As Ordered	0.1 / 0.1