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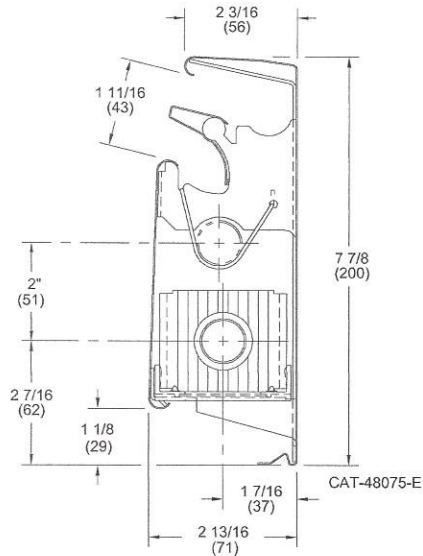
PRICE SHEET: SN-23
EFFECTIVE: 7/1/16
SUPERSEDES: SN-22



Imperial 700-A1 Hydronic Baseboard Radiation



DIMENSIONAL DATA



NOTE: DIMENSIONS IN "()" ARE
SHOWN IN MILLIMETERS.



RATINGS

Model	GPM	Average Hot Water Temperature - BTU/HR./LIN. FT.						
		120°F	130°F	140°F	150°F	160°F	170°F	180°F
700-A1 3/4"	4	215	270	330	390	450	530	590
	1	205	255	310	370	430	500	560
700-A1 1/2"	4	225	280	345	410	480	550	610
	1	215	270	330	390	450	520	580

CORRECTION FACTORS

If the calculated water flow rate through a baseboard is greater than the standard flow rate (1 GPM), the rating of that unit may be increased by multiplying the standard water rating at 1 GPM by the factor shown for the actual flow rate. All ratings based on 65°F entering air temperature.

WATER FLOW CORRECTION FACTORS

G.P.M.	Heat Output Factor	Pressure Drop – Millinches Per Linear Ft.	
		Copper Element Tube Size	
		3/4"	1/2"
1.0	1.000	47	260
1.5	1.016	96	520
2.0	1.028	157	850
2.5	1.038	230	1270
3.0	1.045	320	1730
3.5	1.051	420	2290
4.0	1.057	525	2880
4.5	1.062	650	3600
5.0	1.067	775	4300
6.0	1.074	1060	5900



SUNTEMP 700-A1 BASEBOARD - WHITE

Unit	Catalog Number		Unit Length	Lin. Feet Per Crtn.	Approx. Pkgd. Shipping Wt.	Package Contents
	3/4"	1/2"				
Enclosure and Element Complete Assembled Single Pack	SUS-14	SUS-14-2	14'	14'	35 lbs.	Contains one length each of front and back panel, damper-louver, support brackets, element expansion cradles, and heating element. Panel joiner included with lengths of 5', 6' and 8'.
	SUS-13	SUS-13-2	13'	13'	32.5 lbs.	
	SUS-12	SUS-12-2	12'	12'	30 lbs.	
	SUS-11	SUS-11-2	11'	11'	27.5 lbs.	
	SUS-10	SUS-10-2	10	10	25 lbs.	
	SUS-9	SUS-9-2	9'	9'	22.5 lbs.	
	SUS-8	SUS-8-2	8'	8'	20 lbs.	
	SUS-7	SUS-7-2	7'	7'	17.5 lbs.	
	SUS-6	SUS-6-2	6'	6'	15 lbs.	
	SUS-5	SUS-5-2	5'	5'	12.5 lbs.	
	SUS-4	SUS-4-2	4'	4'	10 lbs.	
	SUS-3	SUS-3-2	3'	3'	7.5 lbs.	
	SUS-2	SUS-2-2	2'	2'	5 lbs.	
Enclosure Only Assembled Single Pack	SCS-14		14'	14'	28 lbs.	Contains one length each of front and back panel, damper-louver, and support brackets. Panel joiner included with lengths of 5', 6' and 8'.
	SCS-13		13'	13'	26 lbs.	
	SCS-12		12'	12'	24 lbs.	
	SCS-11		11'	11'	22 lbs.	
	SCS-10		10	10	20 lbs.	
	SCS-9		9'	9'	18 lbs.	
	SCS-8		8'	8'	16 lbs.	
	SCS-7		7'	7'	14 lbs.	
	SCS-6		6'	6'	12 lbs.	
	SCS-5		5'	5'	10 lbs.	
	SCS-4		4'	4'	8 lbs.	
	SCS-3		3'	3'	6 lbs.	
	SCS-2		2'	2'	4 lbs.	
Element Only Four Pack	SH700-A-8	SH700-B-8	8'	32'	10 lbs.	Contains four lengths each of Imperial 700-A heating element, plus required element expansion cradles.
	SH700-A-7	SH700-B-7	7'	28'	14 lbs.	
	SH700-A-6	SH700-B-6	6'	24'	12 lbs.	
	SH700-A-5	SH700-B-5	5'	20'	10 lbs.	
	SH700-A-4	SH700-B-4	4'	16'	8 lbs.	
	SH700-A-3	SH700-B-3	3'	12'	6 lbs.	
	SH700-A-2	SH700-B-2	2'	8'	5 lbs.	

NOTE: Shipped on pallets - standard pallet quantity is 55 cartons.

SUNTEMP 700-A1 ACCESSORIES - WHITE

	Description	Catalog Number	Master Carton Quantity	Master Carton Shipping Wt.
	3" End Cap, Left Hand	SEL 3	16	7 lbs.
	3" End Cap, Right Hand	SER 3	16	7 lbs.
	6" End Cap, Left Hand	SBL	8	6 lbs.
	6" End Cap, Right Hand	SBR	8	6 lbs.
	4" Hinged End Cap, Left Hand	HEL	16	11 lbs.
	4" Hinged End Cap, Right Hand	HER	16	11 lbs.
	90° Inside Corner	SIC	10	3.1 lbs.
	135° Inside Corner	SCP	12	2.25 lbs.
	Field Adaptable Inside Corner	FIC	As Ordered	10 oz. ea.
	90° Outside Corner	SOC	12	5.25 lbs.
	135° Outside Corner	SOP	As Ordered	8 oz. ea.
	3" Wall Joiner, Left Hand	SWL 3	12	3 lbs.
	3" Wall Joiner, Right Hand	SWR 3	12	3 lbs.
	6" Wall Joiner, Left Hand	SAL	As Ordered	9 oz. ea.
	6" Wall Joiner, Right Hand	SAR	As Ordered	9 oz. ea.
	2" Panel Joiner Set (3 pieces)	SPJ	24	4.5 lbs.
	7" Telescoping Extension Set (3 pieces)	ST-7	As Ordered	1 lb. ea.
	14" Telescoping Extension Set (3 pieces)	ST-14	As Ordered	2 lb. ea.
	Support Bracket and Element Expansion Cradle	SSB	As Ordered	2 oz. ea.
	Return Pipe Hanger (upper)	RPH	As Ordered	.5 oz. ea.
	Supply Tubing Support Hanger (lower)	SPH	As Ordered	1 oz. ea.
	Touch-Up Spray Paint	ST-TUP	6	3 lbs.
	Element Expansion Cradle	SSS	As Ordered	—