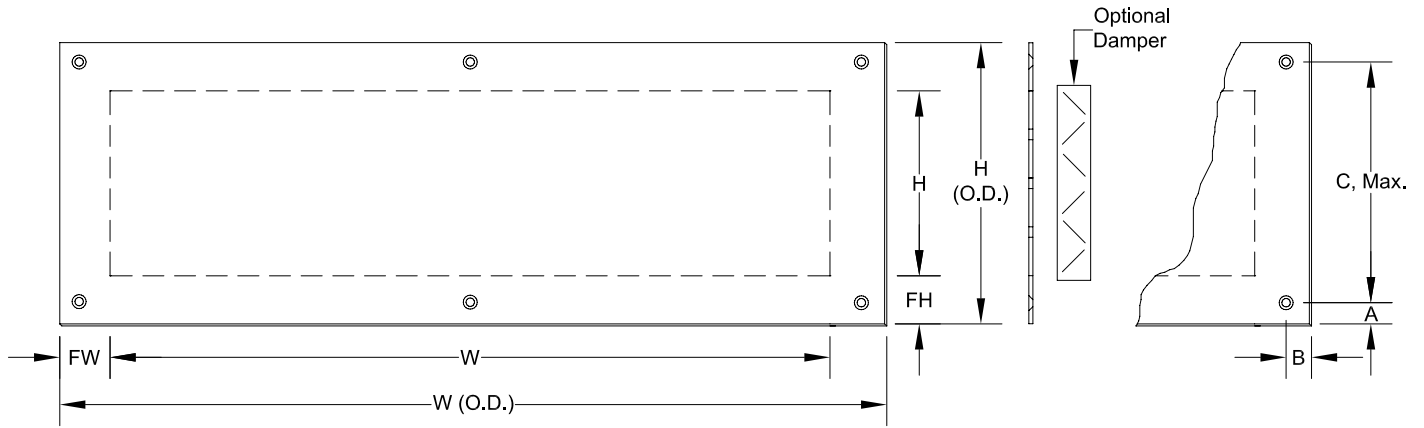


# PATTERN HA200 ARCHITECTURAL STAMPED GRILLE



## PATTERN HA200

2" HALF SHELL

70% OPEN

NO. OF PATTERNS	W INCHES	H INCHES	NO. OF PATTERNS	W INCHES	H INCHES	NO. OF PATTERNS	W INCHES	H INCHES	NO. OF PATTERNS	W INCHES	H INCHES
1	2.884	2.087	11	33.594	16.397	21	64.304	30.707	31	95.014	45.017
2	5.955	3.518	12	36.665	17.828	22	67.375	32.138	32	98.085	46.448
3	9.026	4.949	13	39.736	19.259	23	70.446	33.569	33	101.156	47.879
4	12.097	6.380	14	42.807	20.690	24	73.517	35.000	34	104.227	49.310
5	15.168	7.811	15	45.878	22.121	25	76.588	36.431	35	107.298	50.741
6	18.239	9.242	16	48.949	23.552	26	79.659	37.862	36	110.369	52.172
7	21.310	10.673	17	52.020	24.983	27	82.730	39.293	37	113.440	53.603
8	24.381	12.104	18	55.091	26.414	28	85.801	40.724	38	116.511	55.034
9	27.452	13.535	19	58.162	27.845	29	88.872	42.155	39	119.582	56.465
10	30.523	14.966	20	61.233	29.276	30	91.943	43.586	40	122.653	57.896

Qty.	O.D. Size W x H	Duct Size W x H	Pattern Size W x H	No. of Patterns W x H	Material	Thickness

Minimum Flange Allowed "F"	Actual "F"		Mounting Holes				Mounting Option	Finish	O.B.D.	Tag
	FW	FH	A & B	C	No. Holes					

**SCREW SIZE:**  #8 x 1",  #10 x 1-1/2",  Other \_\_\_\_\_  
**HEAD STYLE:**  Flat Head Phillips  Flat Head Slotted  Pan Head Phillips  Other \_\_\_\_\_  
**SCREW MATERIAL:**  Steel  Stainless  Brass  Bronze **SCREW FINISH:**  Mill  Mill, Lacquered  As Grille  Painted  
 Mill, Oxidized & Lacquered  
 NOTE: Corner of holes may have a small radii as required for manufacturing.  
 To maintain KEES' policy of continuous product development, we reserve the right to change prices, specifications, ratings and dimensions without notice or obligation.

<b>Project</b>		<b>Location</b>	
<b>Engineer</b>			
<b>Architect</b>		<b>Dwg. No.</b>	<b>SD-HA200</b>
<b>Contractor</b>		<b>Date</b>	<b>10/14</b>

**KEES INCORPORATED**  
 400 S. Industrial Dr.  
 Elkhart Lake, WI 53020  
 Phone: (920) 876-3391  
 Fax: (920) 876-3065  
 Website: www.kees.com

**PATTERN HA200**

2" HALF SHELL

70% OPEN

NO. OF PATTERNS	W INCHES	H INCHES	NO. OF PATTERNS	W INCHES	H INCHES	NO. OF PATTERNS	W INCHES	H INCHES	NO. OF PATTERNS	W INCHES	H INCHES
41		59.327	56		80.792	71		102.257			
42		60.758	57		82.223	72		103.688			
43		62.189	58		83.654	73		105.119			
44		63.620	59		85.085	74		106.550			
45		65.051	60		86.516	75		107.981			
46		66.482	61		87.947	76		109.412			
47		67.913	62		89.378	77		110.843			
48		69.344	63		90.809	78		112.274			
49		70.775	64		92.240	79		113.705			
50		72.206	65		93.671	80		115.136			
51		73.637	66		95.102	81		116.567			
52		75.068	67		96.533	82		117.998			
53		76.499	68		97.964	83		119.429			
54		77.930	69		99.395						
55		79.361	70		100.826						

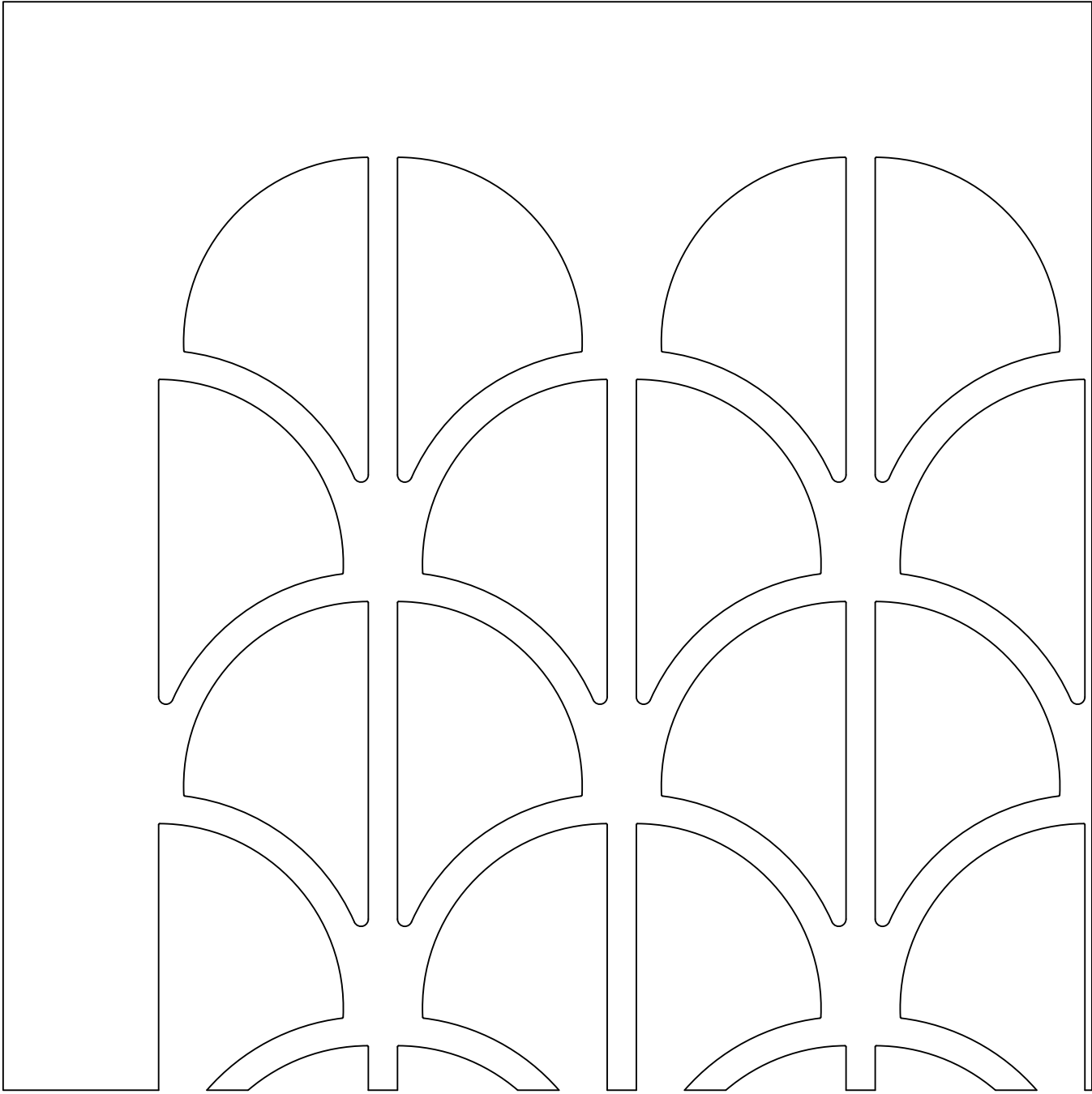


**KEES INCORPORATED**  
400 S. Industrial Dr.  
Elkhart Lake, WI 53020

Phone: (920) 876-3391  
Fax: (920) 876-3065  
Website: [www.kees.com](http://www.kees.com)

**DECORATIVE STAMPED GRILLE HOLE PATTERN**

**PATTERN HA200 - HALF SHELL  
FULL SCALE**



**KEES INCORPORATED**  
400 S. Industrial Dr.  
Elkhart Lake, WI 53020

Phone: (920) 876-3391  
Fax: (920) 876-3065  
Website: [www.kees.com](http://www.kees.com)