

### MODEL

- 5DMGSU - Single deflection spiral duct supply grille with universal end caps to accommodate multiple duct diameters

### FEATURES

- All aluminum construction
- Horizontal (H) or vertical (V) blades
- 3/4" blade spacing
- Ideal choice for exposed duct ceiling applications

### GRILLE SIZE

- Width: 10" - 48" (1" increments)
- Height
 

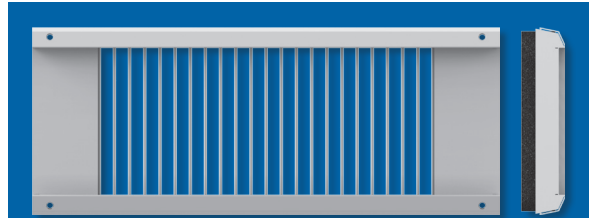
Height	Min Width	Duct Diameter
3"	10"	6" - 36"
4"	10"	10" - 36"
6"	10"	12" - 36"
8"	14"	20" - 36"
10"	16"	24" - 36"
- Duct diameter available in 2" increments

### COMPATIBLE OPTIONS AND ACCESSORIES

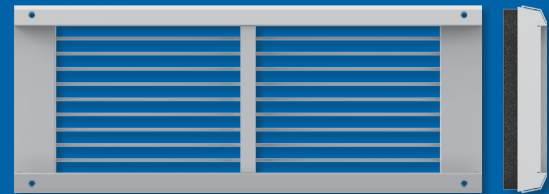
- Damper/Extractor <sup>1</sup>

#### NOTES:

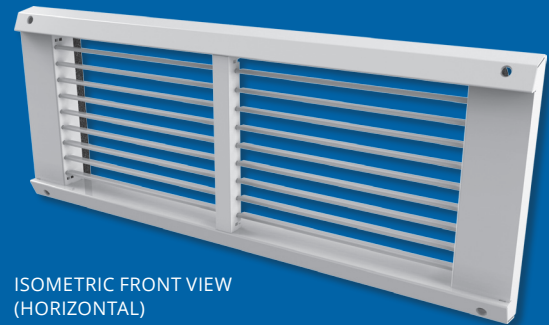
<sup>1</sup> Damper/Extractor must be ordered with the product; cannot be retrofitted.



FACE AND SIDE VIEW (VERTICAL)



FACE AND SIDE VIEW (HORIZONTAL)



ISOMETRIC FRONT VIEW (HORIZONTAL)

GRILLES | DUCT-MOUNTED

5DMGSU

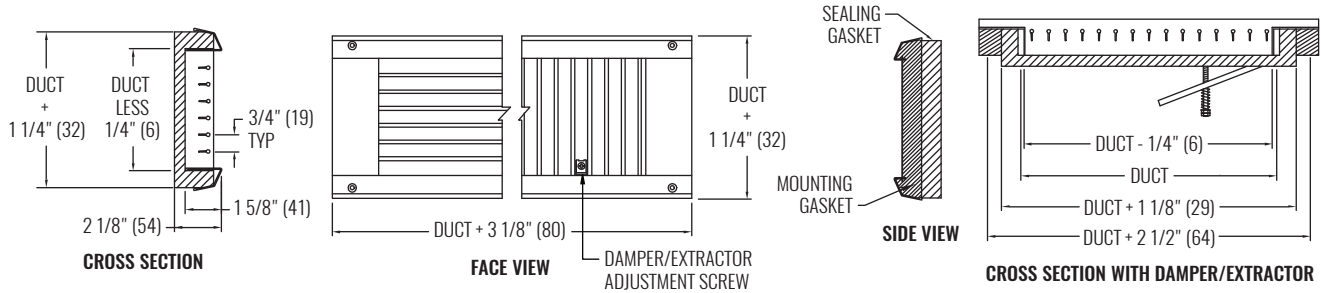


# 5DMGSU

Spiral Duct Grille, Single Deflection, Universal Endcap



## DIMENSIONAL DATA



### AVAILABLE SIZES AND MINIMUM DUCT DIAMETER

DESCRIPTION	HEIGHT				
	3" (76)	4" (102)	6" (152)	8" (203)	10" (254)
WIDTH MIN / MAX	10" (254) / 48" (1219)	10" (254) / 48" (1219)	10" (254) / 48" (1219)	14" (356) / 48" (1219)	16" (406) / 48" (1219)
DUCT DIAMETER MIN / MAX	6" (152) / 36" (914)	10" (254) / 36" (914)	12" (305) / 36" (914)	20" (508) / 36" (914)	24" (610) / 36" (914)

NOTES: Dimensions in parentheses are millimeters (mm).

## PERFORMANCE DATA

SIZE	PERFORMANCE - FREE JET THROW							
	WxH	CFM	NC (< 25)			NC (25 - 40)		
			DEFLECTION			DEFLECTION		
		0° THROW (ft)	22.5° THROW (ft)	45° THROW (ft)	CFM	0° THROW (ft)	22.5° THROW (ft)	45° THROW (ft)
18"x3"	63 - 176	10 - 17	8 - 13	4 - 8	183 - 290	18 - 22	14 - 17	8 - 10
10"x4"	63 - 141	10 - 15	8 - 12	5 - 7	147 - 233	16 - 20	12 - 15	7 - 19
12"x4"	51 - 167	8 - 17	6 - 13	4 - 8	173 - 276	17 - 22	13 - 17	8 - 10
10"x6"	72 - 213	10 - 19	8 - 15	4 - 9	221 - 352	19 - 24	15 - 19	9 - 11
12"x6"	90 - 252	11 - 21	9 - 16	5 - 9	262 - 417	21 - 27	16 - 21	9 - 12
14"x6"	97 - 290	11 - 22	9 - 17	5 - 10	300 - 480	23 - 28	17 - 22	10 - 13
16"x6"	117 - 328	13 - 24	10 - 18	6 - 11	340 - 542	24 - 30	19 - 23	11 - 14
18"x6"	125 - 365	13 - 25	10 - 19	6 - 11	377 - 603	25 - 32	20 - 35	11 - 14
12"x8"	108 - 333	12 - 24	9 - 18	5 - 11	346 - 551	12 - 31	10 - 24	6 - 14
14"x8"	133 - 384	13 - 25	10 - 20	6 - 11	398 - 634	36 - 33	20 - 25	12 - 15
18"x8"	159 - 481	14 - 29	11 - 22	6 - 13	499 - 796	29 - 37	23 - 28	13 - 17
20"x8"	194 - 529	16 - 30	12 - 23	7 - 13	548 - 875	30 - 38	24 - 30	14 - 17

### SEE BACK SUPPLEMENT FOR DESIGN INFO

Information shown is abbreviated. See website for complete information. Dimensions in parentheses are millimeters (mm). Throw value ranges are given for isothermal conditions, unless otherwise noted, and a terminal velocity of 50 FPM (0.25 m/s). NC ranges are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10<sup>-12</sup> Watts. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741.