





CAST IRON and ALUMINUM GRILLES ARE APPROXIMATELY 75% OPEN

The Reggio Register Company  
 31 Jytek Road  
 Leominster, MA 01453  
 (978) 870-1020

PERFORMANCE TEST RESULTS  
 Model 814 = (fits into 6x12 duct)

-12

Octave Band Center Frequency	Discharge Sound Power Level Lw dB re 10 Watt			
	Test Number			
Hertz	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
125	(37)	(41)	(42)	(44)
250	(28)	35	39	43
500	26	35	40	44
1000	(20)	31	38	43
2000	(18)	(21)	32	37
4000	(22)	(22)	(25)	32
8000	(29)	(29)	(29)	(29)
Total Air Volume CFM	150	200	250	300
Inlet Static Pressure				
Inches H <sub>2</sub> O	0.017	0.03	0.047	0.065
*Noise Criteria	<10	19	26	32

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Model 1214G = (fits into 10x12 duct)

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Octave Band Center Frequency	Discharge Sound Power Level Lw dB re 10 Watt			
	Test Number			
Hertz	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
125	(45)	(43)	(45)	(46)
250	36	36	(41)	44
500	29	32	38	42
1000	23	30	36	40
2000	(18)	(22)	29	35
4000	(21)	(21)	(22)	(27)
8000	(28)	(28)	(28)	(28)
Total Air Volume CFM	400	500	600	700
Inlet Static Pressure				
Inches H <sub>2</sub> O	0.025	0.035	0.05	0.07
*Noise Criteria	11	18	24	29

Note: Sound power level data in parentheses has reached ambient levels in the test room or is determined by instrument limitations. Actual levels are less than or equal to levels indicated.

\*Noise Criteria ratings were determined by subtracting 10 dB (room effect) from the Sound Power Levels.

ALL METAL GRILLES HAVE APPROXIMATELY 75% FREE AREA

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PERFORMANCE TEST RESULTS  
 Model 414 = (fits into 2¼x12 duct)

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Octave Band Center Frequency	Discharge Sound Power Level Lw dB re 10 Watt			
	Test Number			
Hertz	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
125	(39)	(39)	(41)	(43)
250	(29)	34	38	41
500	25	32	37	41
1000	23	29	34	38
2000	(18)	24	31	35
4000	(22)	(22)	(28)	35
8000	(29)	(29)	(29)	(29)
Total Air Volume CFM	100	125	150	175
Inlet Static Pressure				
Inches H <sub>2</sub> O	0.10	0.155	0.225	0.310
*Noise Criteria	<10	17	22	28

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Model 612 = (fits into 4x10 duct)

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Octave Band Center Frequency	Discharge Sound Power Level Lw dB re 10 Watt			
	Test Number			
Hertz	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
125	(39)	(38)	(42)	46
250	29	32	38	44
500	25	30	38	43
1000	(21)	26	35	41
2000	(18)	(20)	31	38
4000	(22)	(22)	(25)	35
8000	(29)	(29)	(29)	(30)
Total Air Volume CFM	125	150	200	250
Inlet Static Pressure				
Inches H <sub>2</sub> O	0.05	0.07	0.125	0.200
*Noise Criteria	<10	14	23	30

Note: Sound power level data in parentheses has reached ambient levels in the test room or is determined by instrument limitations. Actual levels are less than or equal to levels indicated.

\*Noise Criteria ratings were determined by subtracting 10 dB (room effect) from the Sound Power Levels.