

**Model L 50% net air passage**

Model of Tested Silencer:	Cut-offs:		Gaps:		Number of cut-offs in the canal section	Canal dimensions. cm
	Width: <b>25</b> cm Height: <b>100</b> cm Length: <b>100</b> cm	Width: <b>25</b> cm Height: <b>100</b> cm Length: <b>50</b> cm	Gaps between the cut-offs and the canal wall. cm	Gaps between the cut-offs. cm		
	Number of cut-offs according to the canal dimension					
Silencer <b>%50</b> Opened , Depth <b>100 cm</b>	<b>2</b>	-	<b>15</b>	<b>20</b>	<b>2</b>	100X100
Silencer <b>%50</b> Opened , Depth <b>150 cm</b>	<b>2</b>	<b>2</b>	<b>15</b>	<b>20</b>	<b>2</b>	100X100
Silencer <b>%50</b> Opened , Depth <b>200 cm</b>	<b>4</b>	-	<b>15</b>	<b>20</b>	<b>2</b>	100X100

**Model M 42% net air passage**

Model of Tested Silencer:	Cut-offs:		Gaps:		Number of cut-offs in the canal section	Canal dimensions. cm
	Width: 20 cm Height: 100 cm Length: 100 cm	Width: 20 cm Height: 100 cm Length: 50 cm	Gaps between the cut-offs and the canal wall. cm	Gaps between the cut-offs. cm		
	Number of cut-offs according to the canal dimension					
Silencer <b>%42</b> Opened ,Depth <b>100 cm</b>	<b>3</b>	-	<b>10</b>	<b>10</b>	<b>3</b>	100X100
Silencer <b>%42</b> Opened ,Depth <b>150 cm</b>	<b>3</b>	<b>3</b>	<b>10</b>	<b>10</b>	<b>3</b>	100X100
Silencer <b>%42</b> Opened ,Depth <b>200 cm</b>	<b>6</b>	-	<b>10</b>	<b>10</b>	<b>3</b>	100X100

**Model H 33% net air passage**

Model of Tested Silencer:	Cut-offs :			
	Width: 24 cm Height: 100 cm Length: 100 cm	Width: 24 cm Height: 100 cm Length: 50 cm	Width: 22 cm Height: 100 cm Length: 100 cm	Width: 22 cm Height: 100 cm Length: 50 cm
	Number of cut-offs according to the canal dimension			
Silencer %33 Opened , Depth 100 cm	2	-	1	-
Silencer %33 Opened , Depth 150 cm	2	2	1	1
Silencer %33 Opened , Depth 200 cm	4	-	2	-

**Here is the concentration of measurements made by Orkal:**

N	Tested Silencer:			Octave-band Frequencies, Hz							
	Model	Free Space %	Length m	63	125	250	500	1000	2000	4000	8000
1	"L"	50	1.0	2	7	12	17	15	12	8	7
2	"L"	50	1.5	3	9	18	24	23	18	11	8
3	"L"	50	2.0	3	12	22	30	29	22	13	10
4	"M"	42	1.0	3	7	17	22	22	24	14	10
5	"M"	42	1.5	3	11	25	31	29	30	18	12
6	"M"	42	2.0	5	15	34	38	35	38	20	14

N	Tested Silencer:			Octave-band Frequencies, Hz							
	Model	Free Space %	Length m	63	125	250	500	1000	2000	4000	8000
7	"H"	50	1.0	4	13	22	33	29	25	19	41
8	"H"	50	1.5	6	16	32	48	44	34	26	21
9	"H"	50	2.0	8	22	40	59	54	46	39	32