

**SELECTION TABLES FOR FA-400**
**WALL INSTALLATION**

NOMINAL DIMENSIONS (mm)	Ak (m <sup>2</sup> )		Q	25	50	70	100	125	150	200	250	300	400	500	600	800	1000	
(150x150)	0,006		V	1,1	2,3	3,2	4,6	5,8	-	-	-	-	-	-	-	-	-	
		WITHOUT FILTER	ΔP	<1	3,8	7,0	14,0	22,0	-	-	-	-	-	-	-	-	-	-
			La	<25	<25	25	35	40	-	-	-	-	-	-	-	-	-	-
		WITH FILTER	ΔP	7,0	30,0	58,0	105,0	>100	-	-	-	-	-	-	-	-	-	-
La	<25		35	45	>50	>50	-	-	-	-	-	-	-	-	-	-		
(200x150)	0,009		V	-	1,5	2,2	3,1	3,8	4,6	6,2	-	-	-	-	-	-	-	
		WITHOUT FILTER	ΔP	-	1,7	3,5	6,5	9,5	14,0	24,0	-	-	-	-	-	-	-	
			La	-	<25	<25	25	30	35	45	-	-	-	-	-	-	-	
		WITH FILTER	ΔP	-	14,0	28,0	52,0	77,0	105,0	>105	-	-	-	-	-	-	-	
La	-		25	35	45	50	>50	-	-	-	-	-	-	-	-			
(250x150)	0,011		V	-	1,3	1,8	2,5	3,2	3,8	5,1	-	-	-	-	-	-	-	
		WITHOUT FILTER	ΔP	-	1,2	2,3	4,5	7,0	9,5	17,0	-	-	-	-	-	-	-	
			La	-	<25	<25	<25	25	30	35	-	-	-	-	-	-	-	
		WITH FILTER	ΔP	-	9,5	18,0	35,0	55,0	77,0	>100	-	-	-	-	-	-	-	
La	-		<25	30	35	45	50	>50	-	-	-	-	-	-	-			
(200x200)	0,013		V	-	-	1,5	2,1	2,7	3,2	4,3	5,3	-	-	-	-	-	-	
		WITHOUT FILTER	ΔP	-	-	1,7	3,0	5,0	7,0	12,0	18,0	-	-	-	-	-	-	
			La	-	-	<25	<25	<25	25	35	35,0	-	-	-	-	-	-	
		WITH FILTER	ΔP	-	-	14,0	26,0	40,0	55,0	90,0	>100	-	-	-	-	-	-	
La	-		-	25	30	40	45	50	>50	-	-	-	-	-	-			
(250x200)	0,017		V	-	-	1,1	1,6	2,0	2,5	3,3	4,0	5,0	6,5	-	-	-	-	
		WITHOUT FILTER	ΔP	-	-	<1	1,8	2,8	4,5	7,5	10,5	16,5	27,0	-	-	-	-	
			La	-	-	<25	<25	<25	<25	25	30	35	45	-	-	-	-	
		WITH FILTER	ΔP	-	-	7,0	15,0	24,0	35,0	58,0	82,0	>100	-	-	-	-	-	
La	-		-	<25	25	30	35	45	50	>50	-	-	-	-	-			
(300x200)	0,020		V	-	-	-	1,4	1,7	2,1	2,8	3,5	4,2	5,5	-	-	-	-	
		WITHOUT FILTER	ΔP	-	-	-	1,5	2,0	3,0	5,5	8,0	11,5	19,0	-	-	-	-	
			La	-	-	-	<25	<25	<25	25	25	30	40	-	-	-	-	
		WITH FILTER	ΔP	-	-	-	12,0	16,0	26,0	45,0	65,0	87,0	>100	-	-	-	-	
La	-		-	-	<25	25	30	40	50	50	>50	-	-	-	-			
(400x200)	0,027		V	-	-	-	-	1,3	1,5	2,1	26,0	3,1	4,1	5,1	6,2	-	-	
		WITHOUT FILTER	ΔP	-	-	-	-	1,2	1,7	3,0	4,8	6,5	11,0	17,0	24,0	-	-	
			La	-	-	-	-	<25	<25	<25	<25	25	30	35	45	-	-	
		WITH FILTER	ΔP	-	-	-	-	9,5	14,0	26,0	38,0	52,0	85,0	>100	-	-	-	
La	-		-	-	-	<25	25	30	40	45	50	>50	-	-	-			

Q: AIR FLOW RATE (m<sup>3</sup>/h)  
 ΔP: PRESSURE DROP (Pa)  
 V: DISCHARGE VELOCITY (m/s)  
 La: NOISE LEVEL (dB(A))

**SELECTION TABLES FOR FA-400**

NOMINAL DIMENSIONS (mm)	Ak (m <sup>2</sup> )		Q	25	50	70	100	125	150	200	250	300	400	500	600	800	1000		
(500x200)	0,035		V	-	-	-	-	-	1,2	1,6	2,0	2,4	3,2	4,0	4,8	6,3	-		
		WITHOUT FILTER	ΔP	-	-	-	-	-	-	1,0	1,8	2,8	4,0	7,0	10,5	15,0	25,0	-	
			La	-	-	-	-	-	-	<25	<25	<25	<25	25	30	35	45	-	
		WITH FILTER	ΔP	-	-	-	-	-	-	8,0	15,0	24,0	32,0	55,0	82,0	>100	-	-	-
			La	-	-	-	-	-	-	<25	25	30	35	45	50	>50	-	-	-
		(600x200)	0,042		V	-	-	-	-	-	1,3	1,7	2,0	2,6	3,3	4,0	5,3	-	-
WITHOUT FILTER	ΔP			-	-	-	-	-	-	1,2	2,0	2,8	4,8	7,5	10,5	18,0	-	-	
	La			-	-	-	-	-	-	<25	<25	<25	<25	25	30	35	-	-	
WITH FILTER	ΔP			-	-	-	-	-	-	9,5	16,0	24,0	38,0	58,0	82,0	>100	-	-	-
	La			-	-	-	-	-	-	<25	25	30	40	45	50	>50	-	-	-
(300x300)	0,034				V	-	-	-	-	-	1,2	1,6	2,0	2,5	3,3	4,1	5,0	6,5	-
		WITHOUT FILTER	ΔP	-	-	-	-	-	-	1,0	1,8	2,8	4,5	7,5	11,0	16,5	27,0	-	
			La	-	-	-	-	-	-	<25	<25	<25	<25	25	30	35	45	-	
		WITH FILTER	ΔP	-	-	-	-	-	-	8,0	15,0	24,0	35,0	58,0	85,0	>100	-	-	-
			La	-	-	-	-	-	-	<25	25,0	30	35	45	50	>50	-	-	-
		(400x300)	0,046		V	-	-	-	-	-	1,2	1,5	1,8	2,4	3,0	3,6	4,8	6,0	-
WITHOUT FILTER	ΔP			-	-	-	-	-	-	1,0	1,7	2,3	4,0	6,0	8,5	15,0	23,0	-	
	La			-	-	-	-	-	-	<25	<25	<25	<25	25	25	35	45,0	-	
WITH FILTER	ΔP			-	-	-	-	-	-	8,0	14,0	18,0	32,0	50,0	70,0	>100	-	-	-
	La			-	-	-	-	-	-	<25	25	30	35	45	50	>50	-	-	-
(500x300)	0,058				V	-	-	-	-	-	1,2	1,4	1,9	2,4	2,8	3,8	4,8	-	-
		WITHOUT FILTER	ΔP	-	-	-	-	-	-	1,0	1,5	2,6	4,0	5,5	9,5	15,0	-	-	
			La	-	-	-	-	-	-	<25	<25	<25	<25	25,0	30,0	35,0	-	-	
		WITH FILTER	ΔP	-	-	-	-	-	-	8,0	12,0	20,0	32,0	45,0	77,0	>100	-	-	-
			La	-	-	-	-	-	-	<25	<25	30	35	40	50	>50	-	-	-
		(600x300)	0,070		V	-	-	-	-	-	1,2	1,6	2,0	2,4	3,2	4,0	5,0	6,0	-
WITHOUT FILTER	Δp			-	-	-	-	-	-	1,0	1,8	2,8	4,0	7,0	10,5	16,5	23,0	-	
	La			-	-	-	-	-	-	<25	<25	<25	<25	25	30	35	45	-	
WITH FILTER	Δp			-	-	-	-	-	-	8,0	15,0	24,0	32,0	55,0	82,0	>100	-	-	-
	La			-	-	-	-	-	-	<25	25	30	35	45	50	>50	-	-	-
(700x300) (500x400)	0,082				V	-	-	-	-	-	1,4	1,7	2,0	2,7	3,4	4,2	5,1	-	-
		WITHOUT FILTER	Δp	-	-	-	-	-	-	1,5	2,0	2,8	5,0	7,7	11,5	17,0	-	-	
			La	-	-	-	-	-	-	<25	<25	<25	<25	25	30	35	-	-	
		WITH FILTER	Δp	-	-	-	-	-	-	12,0	16,0	24,0	40,0	60,0	87,0	>100	-	-	-
			La	-	-	-	-	-	-	<25	25	30	40	45	50	>50	-	-	-

Q: AIR FLOW RATE (m<sup>3</sup>/h)  
 ΔP: PRESSURE DROP (Pa)  
 V: DISCHARGE VELOCITY (m/s)  
 La: NOISE LEVEL (dB(A))

**SELECTION TABLES FOR FA-400**

NOMINAL DIMENSIONS (mm)	Ak (m <sup>2</sup> )		Q	300	400	500	600	800	1000	1250	1500	2000	2500	3000	3500	4000	5000	
(400x400)	0,064	WITHOUT FILTER	V	1,3	1,7	2,2	2,6	3,5	4,3	5,4	6,5	-	-	-	-	-	-	
			Δp	1,2	2,0	3,5	4,8	8,0	12,0	18,5	27,0	-	-	-	-	-	-	
			La	<25	<25	<25	<25	25	35	35	45	-	-	-	-	-	-	
		WITH FILTER	Δp	9,5	16,0	28,0	38,0	65,0	90,0	>100	-	-	-	-	-	-	-	
			La	<25	25	35	40	50	50	>50	-	-	-	-	-	-	-	
(600x400)	0,100	WITHOUT FILTER	V	-	-	1,4	1,7	2,2	2,8	3,5	4,2	5,5	-	-	-	-	-	
			Δp	-	-	1,5	2,0	3,5	5,5	8,0	11,5	19,0	-	-	-	-	-	
			La	-	-	<25	<25	<25	25	25	30,0	40,0	-	-	-	-	-	
		WITH FILTER	Δp	-	-	12,0	16,0	28,0	45,0	65,0	87,0	>100	-	-	-	-	-	
			La	-	-	<25	25	35	40	50	50	>50	-	-	-	-	-	
(800x400)	0,130	WITHOUT FILTER	V	-	-	-	1,3	1,7	2,1	2,7	3,2	4,3	5,3	6,4	-	-	-	
			Δp	-	-	-	1,2	2,0	3,0	5,0	7,0	12,0	18,0	26,0	-	-	-	
			La	-	-	-	<25	<25	<25	<25	25	35	35	45	-	-	-	
		WITH FILTER	Δp	-	-	-	9,5	16,0	26,0	40,0	55,0	90,0	>100	-	-	-	-	
			La	-	-	-	<25	25	30	40	45	50	>50	-	-	-	-	
(500x500)	0,104	WITHOUT FILTER	V	-	-	1,3	1,6	2,1	2,7	3,3	4,0	5,3	6,7	-	-	-	-	
			Δp	-	-	1,2	1,8	3,0	5,0	7,5	10,5	18,0	28,0	-	-	-	-	
			La	-	-	<25	<25	<25	<25	25	30	35	50	-	-	-	-	
		WITH FILTER	Δp	-	-	9,5	15,0	26,0	40,0	58,0	82,0	>100	-	-	-	-	-	
			La	-	-	<25	25,0	30	40	45	50	>50	-	-	-	-	-	
(1000x500) (800x600)	0,210	WITHOUT FILTER	V	-	-	-	-	-	1,3	1,7	2,0	2,6	3,3	4,0	4,6	5,3	6,6	
			Δp	-	-	-	-	-	-	1,2	2,0	2,8	4,8	7,5	10,5	14,0	18,0	27,5
			La	-	-	-	-	-	-	<25	<25	<25	<25	<25	25	35	40	45,0
		WITH FILTER	Δp	-	-	-	-	-	-	9,5	16,0	24,0	38,0	58,0	82,0	>100	-	-
			La	-	-	-	-	-	-	<25	25	30	40	45	50	>50	-	-
(600x600)	0,160	WITHOUT FILTER	V	-	-	-	-	-	1,7	2,2	2,6	3,5	4,3	5,2	6,1	-	-	
			Δp	-	-	-	-	-	-	2,0	3,5	4,8	8,0	12,0	17,5	23,5	-	-
			La	-	-	-	-	-	-	<25	<25	<25	25	35	40	45	-	-
		WITH FILTER	Δp	-	-	-	-	-	-	16,0	28,0	38,0	65,0	90,0	>100	-	-	-
			La	-	-	-	-	-	-	25,0	35,0	40	50	50	>50	-	-	
(900x600)	0,240	WITHOUT FILTER	V	-	-	-	-	-	-	1,5	1,7	2,3	2,9	3,5	4,0	4,6	5,8	
			Δp	-	-	-	-	-	-	-	1,7	2,0	38,0	5,8	8,0	10,5	14,0	22,0
			La	-	-	-	-	-	-	-	<25	<25	<25	25	25	30	35	40,0
		WITH FILTER	Δp	-	-	-	-	-	-	-	14,0	16,0	30,0	47,0	65,0	82,0	>100	-
			La	-	-	-	-	-	-	-	25,0	25	35	40	50	50	>50	-
(1000x600)	0,270	WITHOUT FILTER	V	-	-	-	-	-	-	1,3	1,5	2,0	2,6	3,0	3,6	4,1	5,1	
			Δp	-	-	-	-	-	-	-	1,2	1,7	2,8	4,8	6,0	8,5	11,0	17,0
			La	-	-	-	-	-	-	-	<25	<25	<25	<25	25	25	30	35,0
		WITH FILTER	Δp	-	-	-	-	-	-	-	9,5	14,0	24,0	38,0	50,0	70,0	85,0	>100
			La	-	-	-	-	-	-	-	<25	25	30	40	45	50	50	>50