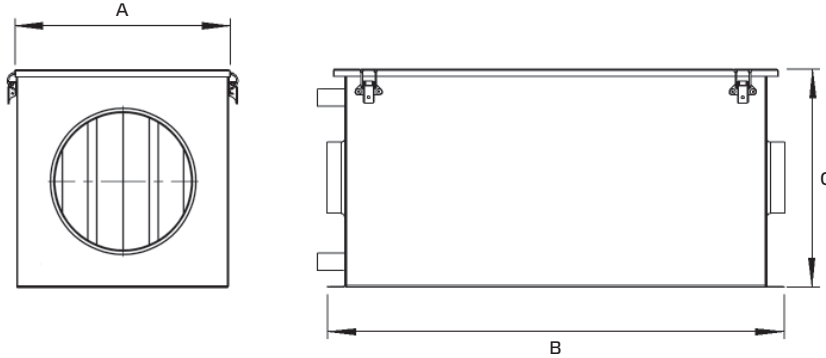


# DATA SHEET

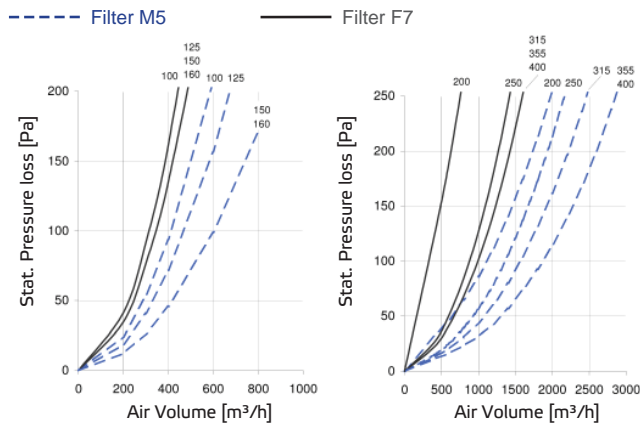
## Filter Box FTW



Type	ID	Nominal width mm	Filter Size	A mm	B mm	C mm	Weight kg
FTW 100	112849	100	1	306	648	308	8,8
FTW 125	112850	125	1	306	648	308	8,8
FTW 150	112851	150	1	306	648	308	8,8
FTW 160	112852	160	1	306	648	308	8,8
FTW 200	112853	200	1	306	648	308	8,8
FTW 250	112854	250	1	306	648	308	8,6
FTW 315	112855	315	2	506	648	508	17,4
FTW 355	112856	355	2	506	648	508	17,1
FTW 400	112857	400	2	506	648	508	17,0

- Filter Box with Bag Filter M5
- Integrated heating coil
- Galvanized sheet steel housing
- Toggle-type fastener

Pressure loss test with filter M5 and F7



Recommended maximum pressure loss according to filter manufacturer: 250 Pa



Bag Filter  
Max. ambient temp 80 °C  
1 pc

Replacement Filter		
Size	ID	Filtration class
1	102939	M5
1	102945	F7
2	102941	M5
2	102947	F7

## Filter Box FTW

Heating capacity - FTW 100 until FTW 250

Air in -15 / 90 °C / % r. H.	heating capacity $\dot{V}_L$ m <sup>3</sup> /h						
Water 70 / 50 °C		1000	800	600	400	300	200
Air out	°C	14,4	17,3	21,2	27,2	31,5	37,5
Capacity	kW	11,3	9,9	8,3	6,5	5,3	4,0
Water Volume	m <sup>3</sup> /h	0,5	0,4	0,4	0,3	0,2	0,2
Water pressure loss	kPa	9,8	7,8	5,7	3,7	2,6	1,6
Design pressure loss filter	Pa	150	150	140	140	130	120

Heating capacity - FTW 315 until FTW 400

Air in -15 / 90 °C / % r. H.	heating capacity $\dot{V}_L$ m <sup>3</sup> /h						
Water 70 / 50 °C		2000	1800	1600	1400	1200	1000
Air out	°C	20,7	22,2	23,9	25,9	28,2	29,7
Capacity	kW	27,0	26,0	24,0	22,0	20,0	18,0
Water Volume	m <sup>3</sup> /h	1,2	1,1	1,0	1,0	0,9	0,7
Water pressure loss	kPa	10,9	13,4	11,8	10,1	8,5	6,9
Design pressure loss filter	Pa	150	150	140	140	130	120