



**Features**

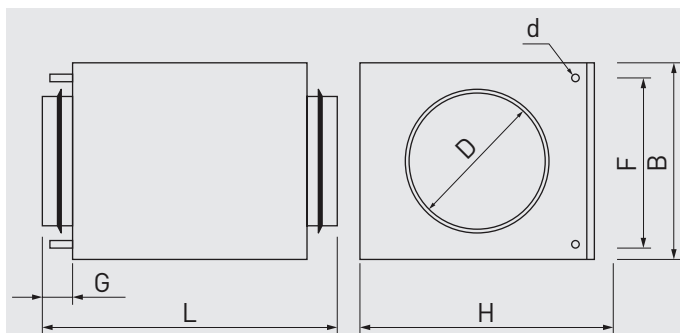
Range of connection diameters, 100 to 500 mm.  
Galvanised steel housing.  
Heaters with copper pipes and aluminium fins.  
Removable side for maintenance purposes.  
Can be mounted horizontally or vertically.  
Connections with watertight seals.  
Connection must be made between the heater and the hot water circuit.  
Maximum pressure: 10 bar.  
Maximum temperature: 100°C.  
Shut-off valves must be installed on each water connection, so that the unit can be isolated if necessary (for cleaning filters, repairs, etc.) without the need to drain the entire circuit.  
We recommend installing a filtration box with a filter (MFL-F + MFR) at the input to the unit, to capture water borne debris.

**TECHNICAL CHARACTERISTICS / ACCESSORIES**

Model	Air		Water							Weight (kg)	Accessories	
	Airflow (m³/h)	Pressure drop (Pa)	Temperature input/output 80/60°C			Temperature input/output 60/40°C			Connection Ø pipe (mm)		Manual temperature control	Thermostat anti-frost loss
			Heating power (kW)	Pressure drop (kPa)	Flow (l/h)	Heating power (kW)	Pressure drop (kPa)	Flow (l/h)				
MBW 100	145	22	1,7	0	70	1,0	0	40	10	5,8	TRW	THE-F
MBW 125	215	41	2,1	1	90	1,2	0	50	10	5,8	TRW	THE-F
MBW 160	355	26	4,6	4	200	3,0	2	130	10	7,7	TRW	THE-F
MBW 200	555	51	6,1	7	270	4,0	3	170	10	7,7	TRW	THE-F
MBW 250	900	49	9,7	4	430	6,2	2	270	22	9,6	-	-
MBW 315	1410	39	16,6	6	730	10,9	3	470	22	11,9	-	-
MBW 355	1800	41	23,2	11	1020	12,0	7	670	22	14,5	-	-
MBW 400	2280	50	25,6	9	1130	16,9	6	730	22	20,5	-	-
MBW 450	2900	41	38,3	15	1680	16,9	10	1120	22	20,3	-	-
MBW 500	3500	49	41,1	17	1810	27,6	10	1210	22	20,5	-	-

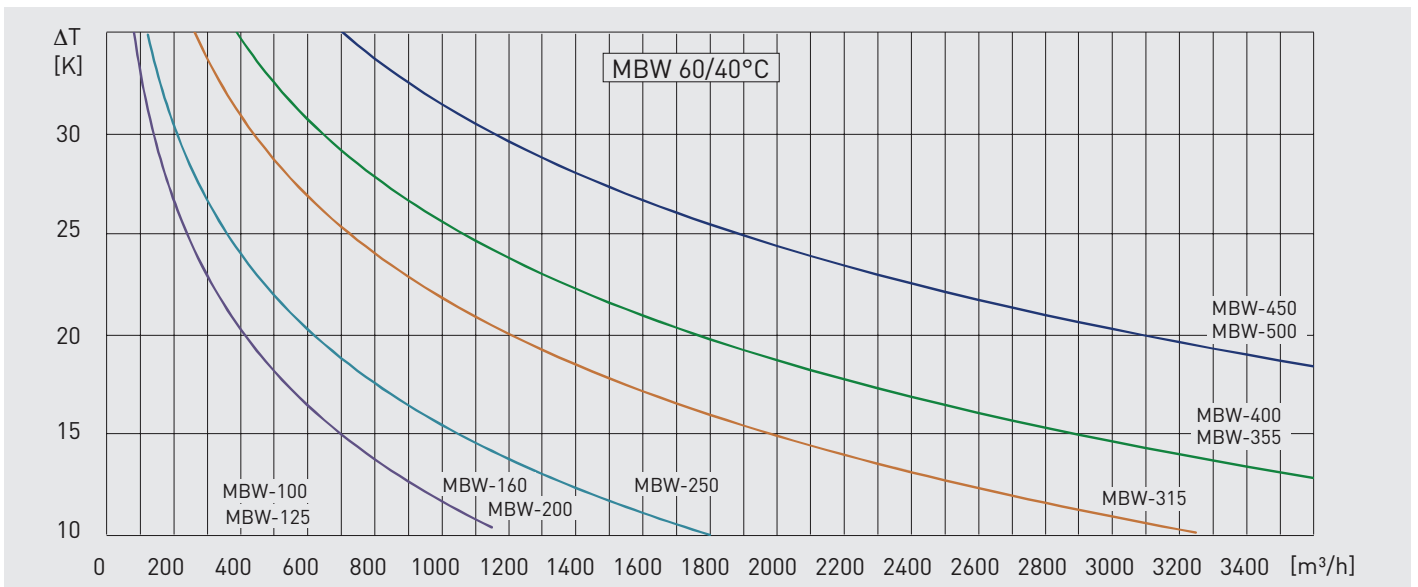
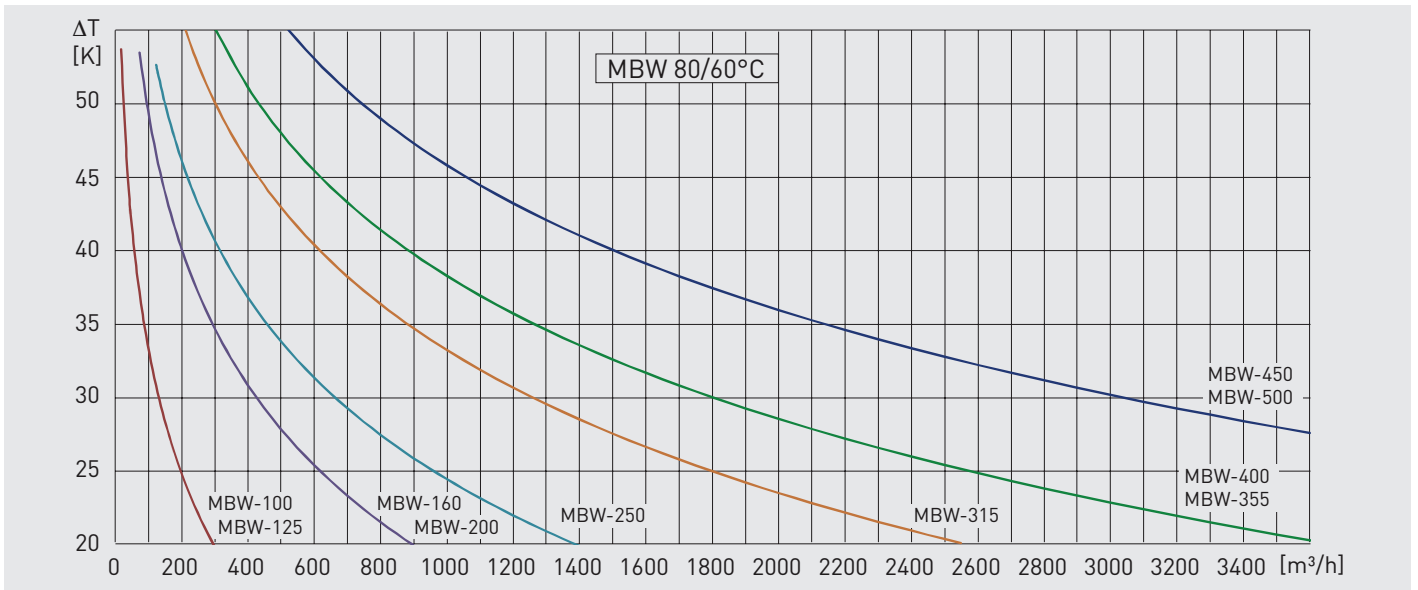
Data provided refers to an outdoor temperature of 0°C and input/output water temperature of 80/60°C and 60/40°C

**DIMENSIONS (mm)**

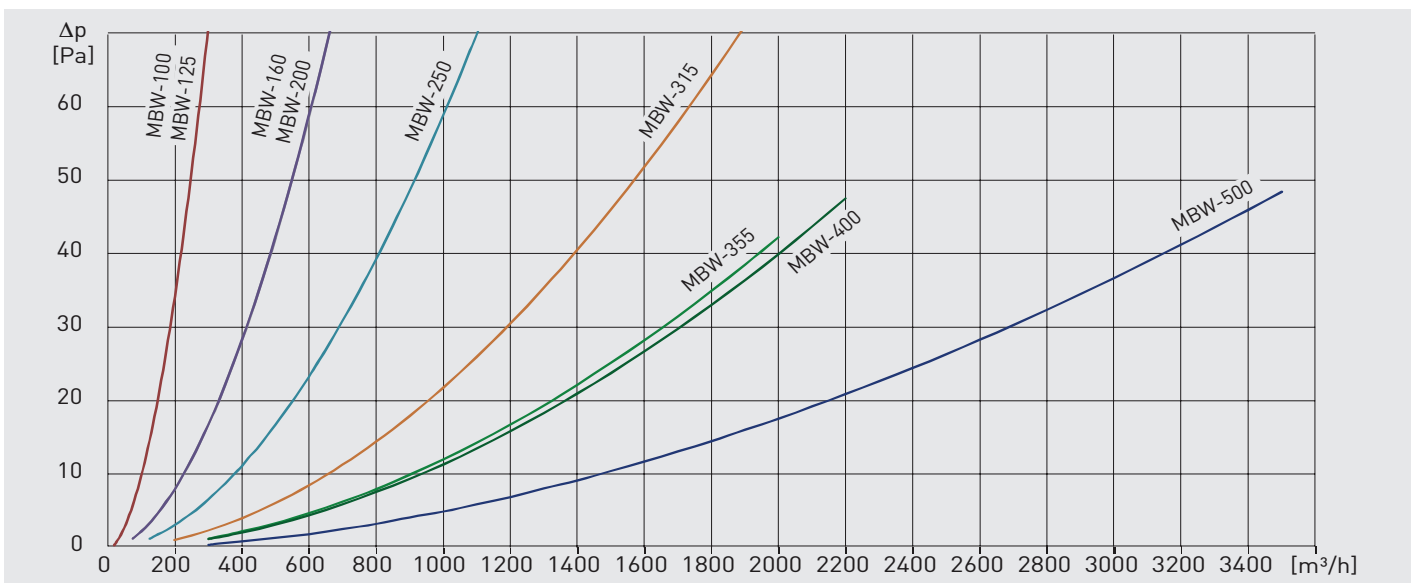


Model	D	B	H	d	F	G	L
MBW-100	100	183	225	10	140	40	380
MBW-125	125	183	225	10	140	40	380
MBW-160	160	258	305	10	215	40	380
MBW-200	200	258	305	10	215	40	380
MBW-250	250	333	385	22	290	40	380
MBW-315	315	408	460	22	365	40	380
MBW-355	355	479	534	22	400	65	430
MBW-400	400	479	534	22	400	65	430
MBW-450	450	529	685	22	425	65	465
MBW-500	500	529	685	22	425	65	465

AIR TEMPERATURE INCREASES  $\Delta T$  (°C)



PRESSURE DROP  $\Delta p$  (Pa)



**ACCESSORIES MBW**

For more information see electrical accessories.



**TRW**  
Temperature control unit.



**THE 16/4 A**  
Adjustable exterior thermostat, surface application.



**THE-F**  
Thermostat with anti-frost capillary.



**DPS**  
Differential pressure switches to check the good conditions of the filters or coils.