



Fan casing - 25 mm insulation type MVB

Double skinned ventilation box

Application

- Ventilation of medium and large rooms
- Can be used for air intake as well as exhaust
- Designed to meet the highest standards in thermal and acoustic insulation

Composition

- Structure with aluminium profiles
- Corners in reinforced polyamide
- Interchangeable, removable panels allowing any type of installation
- Outer layer: prelacquered steel plate (RAL 7035) with protection sheet
- Insulation: high-quality glass wool 25 mm, fire class A2-s1,d0 (M0)
- Inside in galvanized steel plate
- Internal elements access panel equipped with security bolt
- Built-in nuts for fastening on floor, wall or ceiling
- Round connections with lip seals

Fan

- Double inlet centrifugal fan, forward curved blades (except MVB 4A)
- Supply: 230Vac 1ph or 400Vac 3ph
- Insulation class B directly driven motor with thermal protection
- Motor-fan assembly mounted on anti-vibration mounts
- Flexible connection between fan and exhaust panel

Accessories

- Speed controller **BTRN** or **BTRNTK**
- Frequency converter 230V in / 3x230V out **FIS-13**
- Frequency converter 3x400V in / 3x400V out **FIS-44**
- Roof **MXV TCB** for outside use
- Canopy with guard **MXV AGC**
- Damper to be motorised **MXV RM**
- Flexibel connectors **MTS**
- Safety switch **MXV IPC**
- Filter **G4** or **F7**
- Electrical heating module **MXV BE**

Fan casings

- Hot water heating module **MX BC**
- Chilled water module **MX BF**
- Direct expansion coil module **MX DX**

Order example

- **MVB 2000**

MVB: type of fan

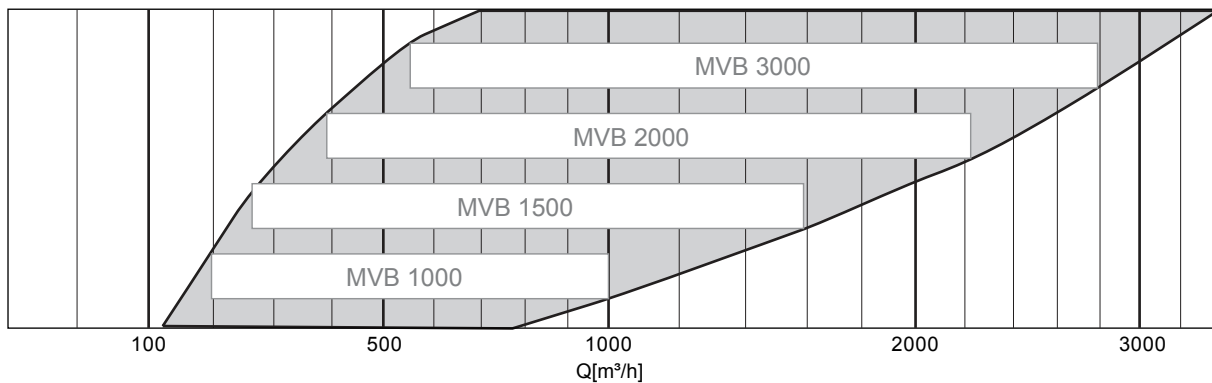
2000: maximum air volume

	Air performance data								
	50 Pa	100 Pa	150 Pa	200 Pa	250 Pa	300 Pa	350 Pa	400 Pa	450 Pa
MVB 1000	985	930	985	820	740	660	530	400	-
MVB 1500	-	1620	1515	1390	675	-	-	-	-
MVB 2000	-	2015	1870	1630	1010	-	-	-	-
MVB 3000	-	2820	2735	2655	2500	2305	1885	-	-
MVB 4000*	4210	4140	3950	3750	3560	3210	2800	-	-
MVB 4350*	-	4500	4460	4425	4290	4135	4100	3800	3750
MVB 6000*	5900	5720	5600	5420	5350	5110	4945	4750	-
MVB 6500*	5650	5535	5470	5380	5250	-	-	-	-

* No longer available

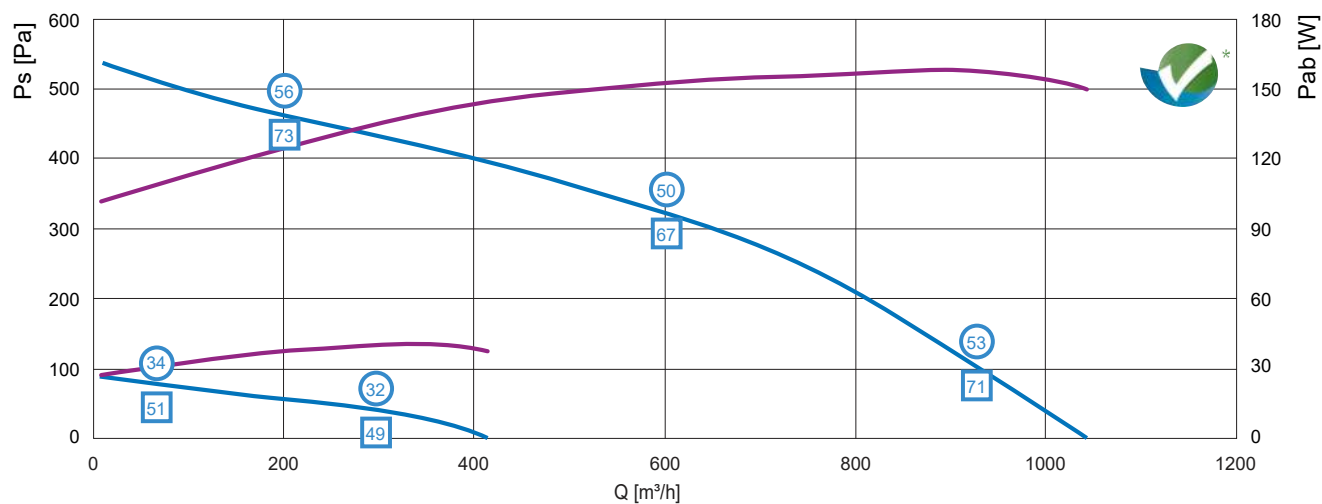
The MVB fan may never be used with free inlet. There should be a minimal counter-pressure as indicated above. Please measure the current at first starting.

Selection curves

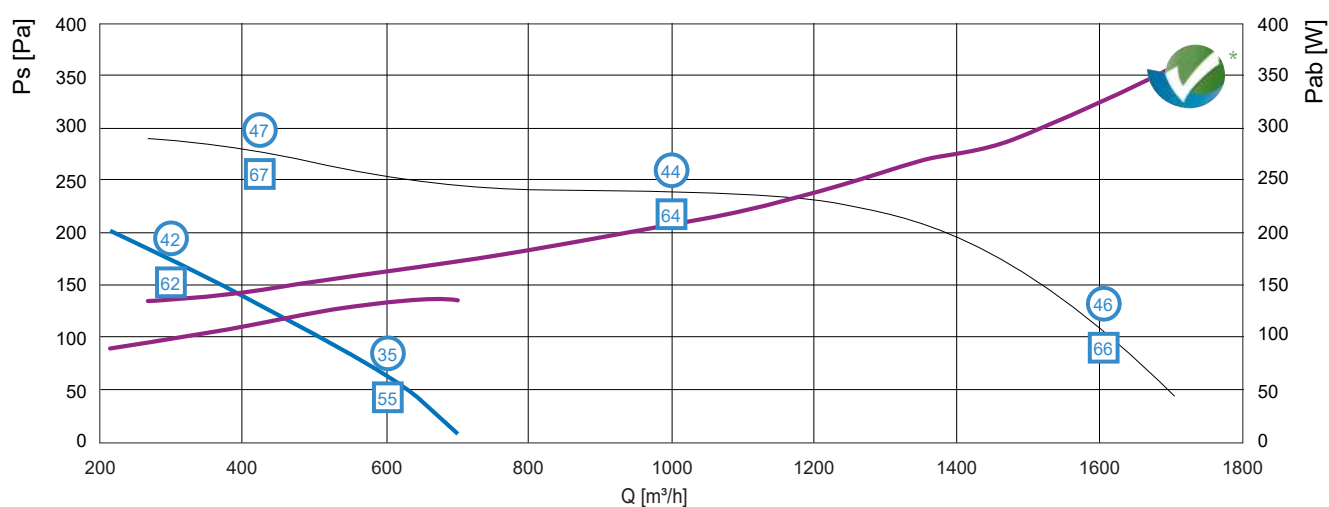


Selection curves

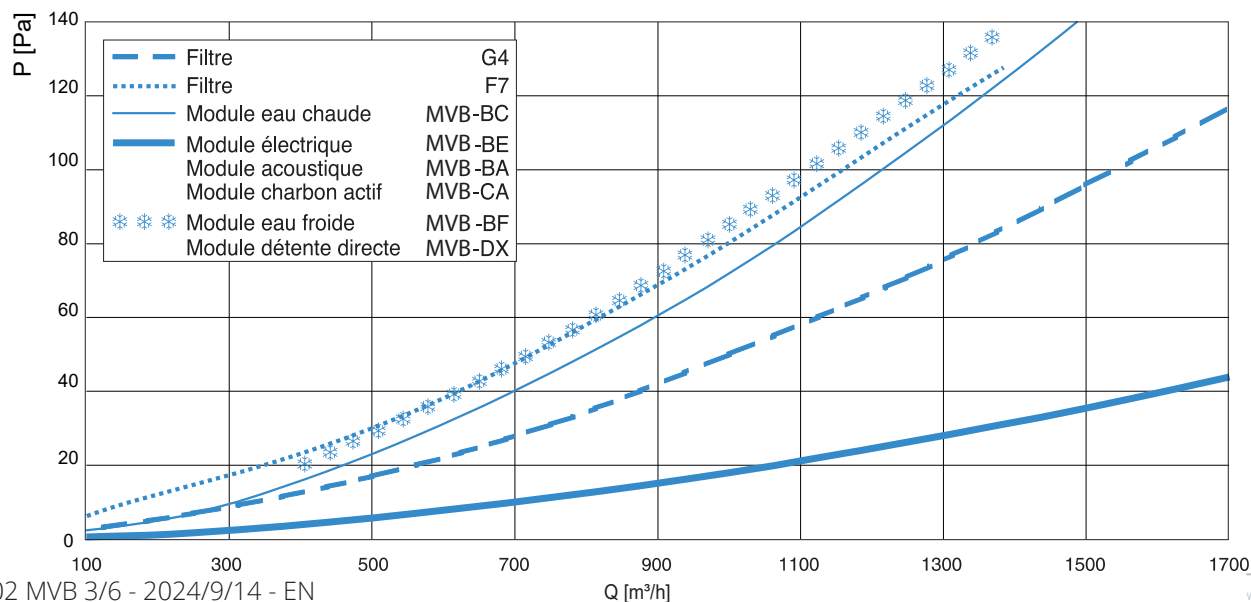
MVB 1000



MVB 1500

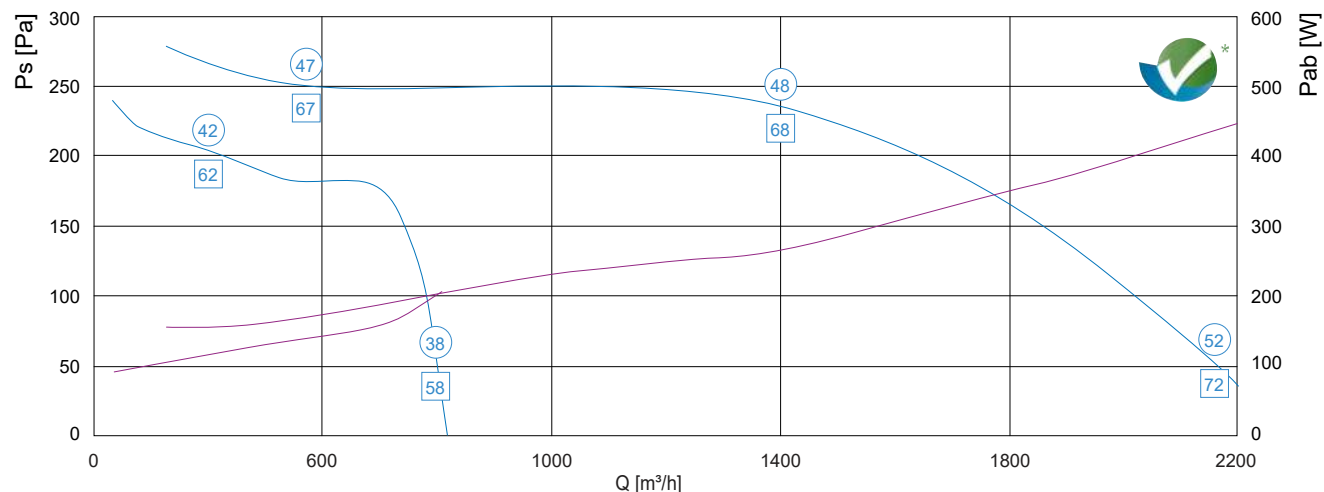


MVB 1000 - MVB 1500

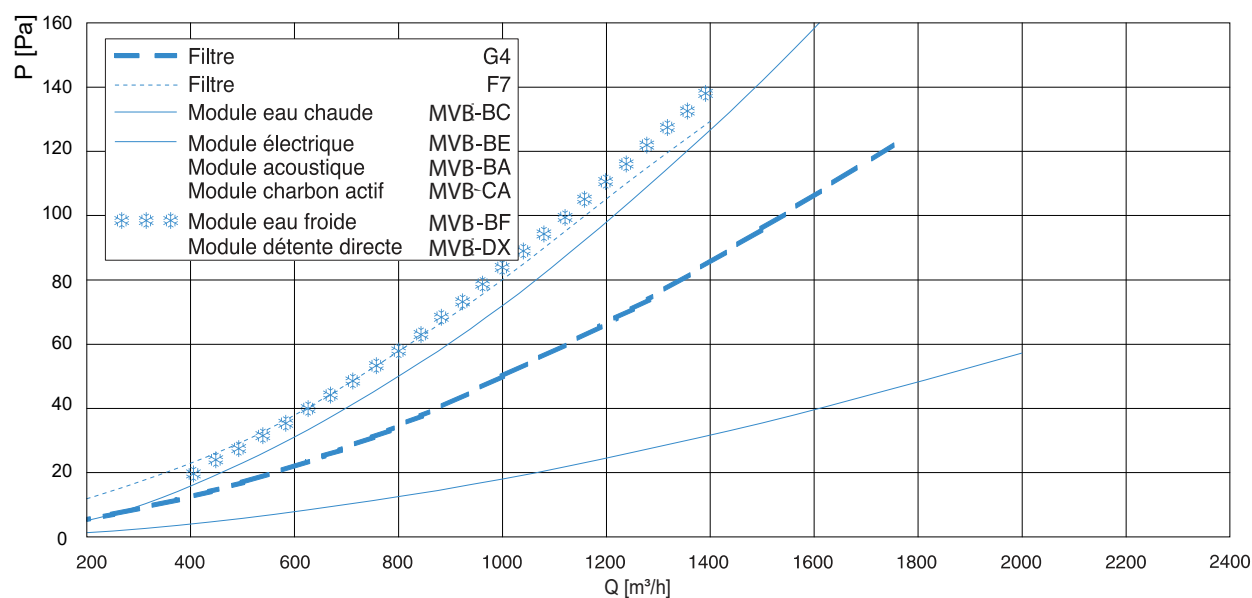


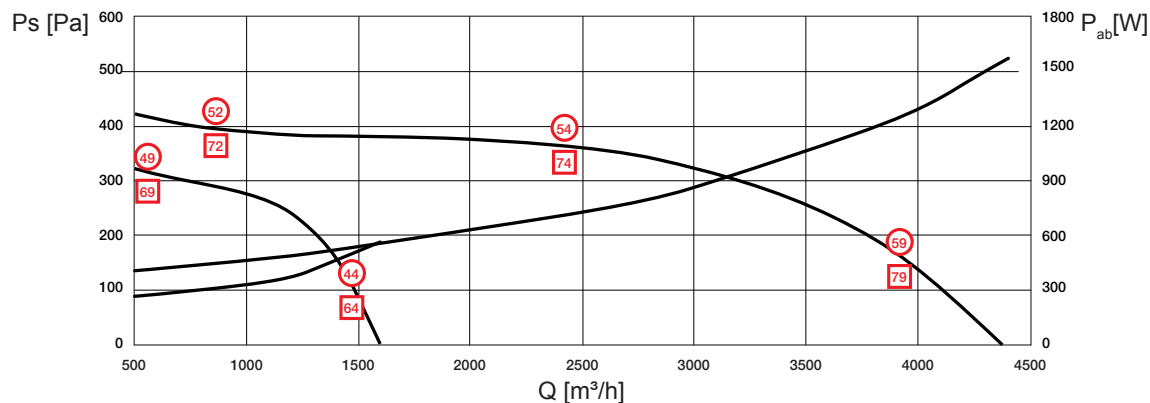
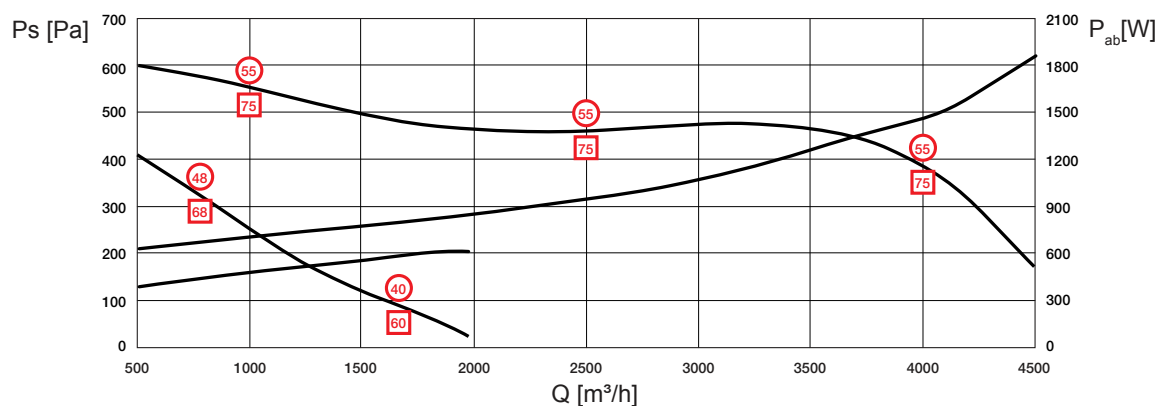
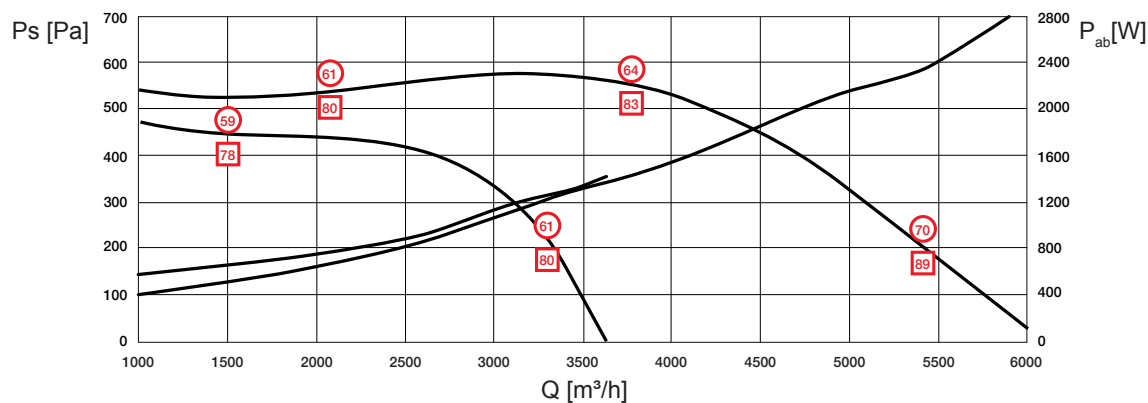
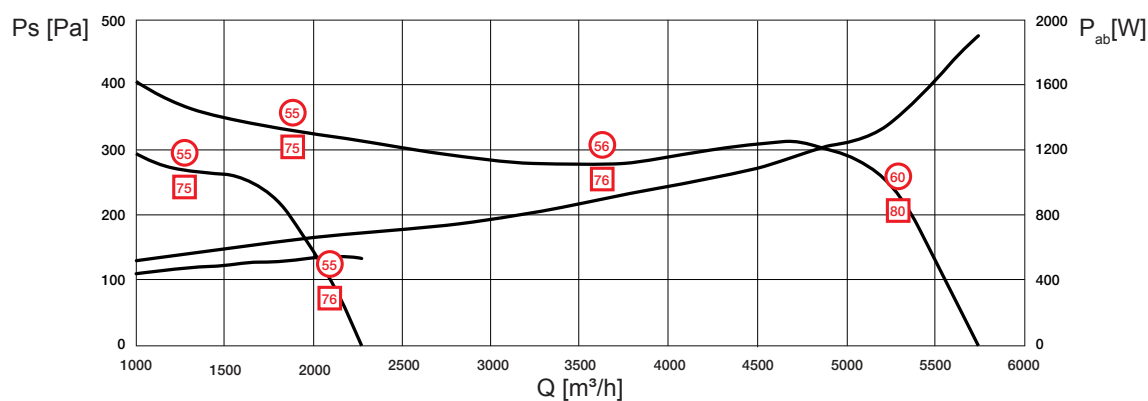
Selection curves

MVB 2000



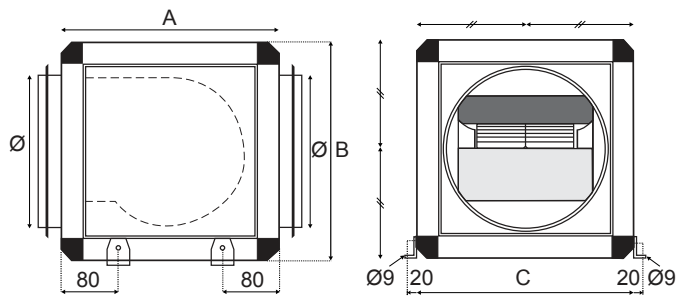
MVB 2000



Selection curves
MVB 4000*

MVB 4350*

MVB 6000*

MVB 6500*


Fan casings

Technical data										
	U [V]	P [W]	I [A]	SC _T	t _{max} [°C]	t _{min} [°C]	TP	L _w [dB(A)]	L _{pa} @4m [dB(A)]	IP
MVB 1000	1 x 230	155	0.68	BTRN-1-S1	60	-25	PTI	73	56	IP44 / F
MVB 1500	1 x 230	147	1.60	BTRN-1-2	40	-20	PTI	67	47	IP55 / F
MVB 2000	1 x 230	300	2.40	BTRN-1-3	40	-20	PTI	67	47	IP55 / F
MVB 3000	1 x 230	500	5.00	BTRN-1-5	40	-20	PTI	70	50	IP10 / F
MVB 4000*	1 x 230	550	7.40	BTRN-1-7	40	-20	PTI	-	-	IP10 / F
MVB 4350*	1 x 230	550	8.00	BTRN-1-10	40	-20	PTI	-	-	IP10 / F
MVB 6000*	3 x 230/400	1500	8.00/4.70	BTRNTK-4-60/FIS-4420E-2.2	40	-20	PTO	-	-	IP20 / B
MVB 6500*	1 x 230	1100	10.20	BTRN-1-130	40	-20	PTI	-	-	IP20 / B



	Dimensions				
	A [mm]	B [mm]	C [mm]	Ø [mm]	Kg
MVB 1000	445	445	445	250	27
MVB 1500	445	445	445	315	32
MVB 2000	445	445	445	315	34
MVB 3000	545	545	545	400	46
MVB 4000*	545	545	545	400	34
MVB 4350*	645	645	645	450	42
MVB 6000*	745	745	745	500	50
MVB 6500*	745	745	745	500	52