



Centrifugal fans type VMI

Direct driven centrifugal fan

Application

- **VMI** fans are used for air supply or exhaust of offices, restaurants or shops.

Composition

- Casing in galvanized sheet steel
- Direct drive double inlet forward curved impeller
- Motor with overheat protection – Insulation class F – Protection IP44
- Supply: 230Vac 1ph or 400Vac 3ph
- Suitable for speed regulation
- Mounting profile included

Accessories

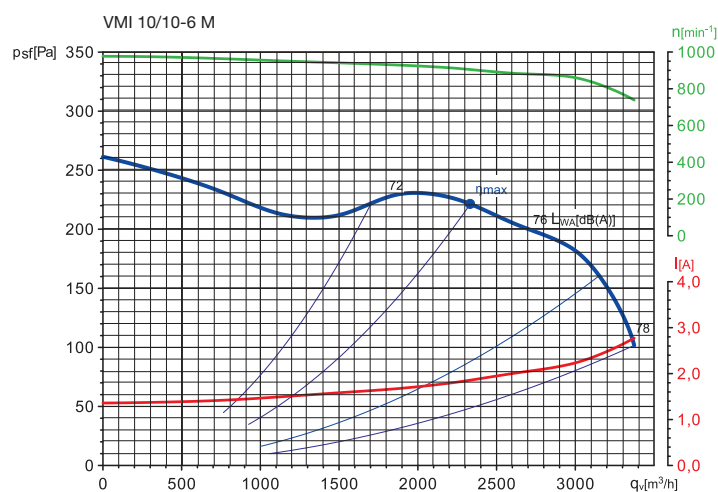
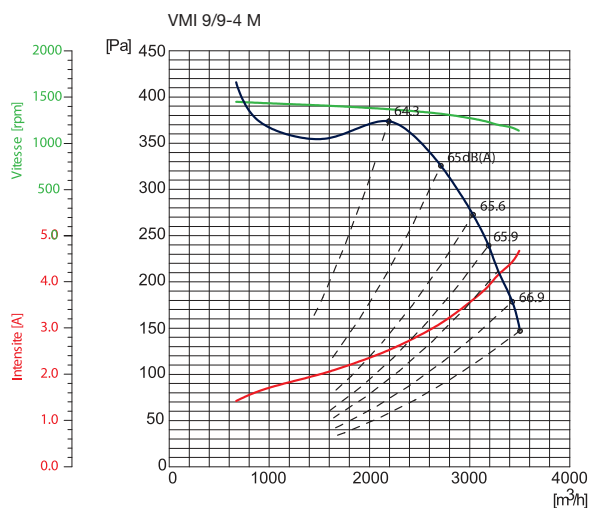
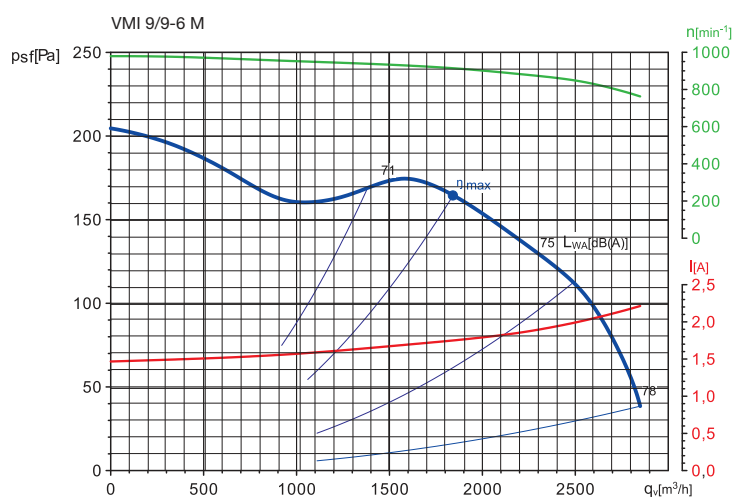
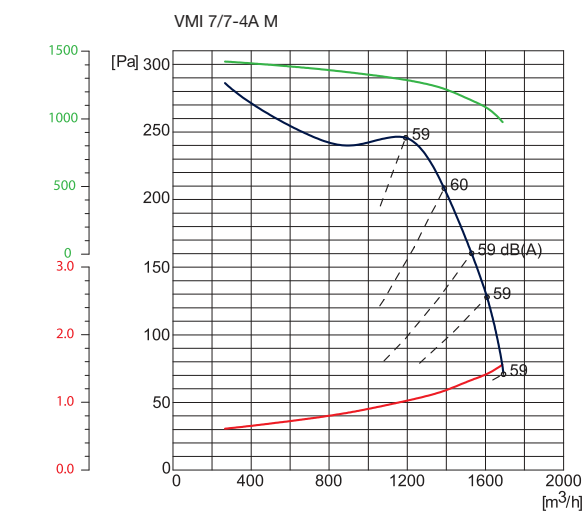
- Auto transformer, type **BTRN** or **BTRNTK**
- Frequency converter 230V in / 3x230V out, type **FIS-13**
- Frequency converter 3x400V in / 3x400V out, type **FIS-44**

	Air performance data														
	Q [m³/h]														
	50 Pa	100 Pa	150 Pa	200 Pa	250 Pa	300 Pa	350 Pa	400 Pa	450 Pa	500 Pa	550 Pa	600 Pa	650 Pa	700 Pa	750 Pa
VMI 7/7-4A M	-	1700	1650	1450	750	-	-	-	-	-	-	-	-	-	-
VMI 9/9-6 M	2800	2600	2100	-	-	-	-	-	-	-	-	-	-	-	-
VMI 9/9-4 M	-	-	3530	3375	3150	2800	2525	700	-	-	-	-	-	-	-
VMI 10/10-6 M	-	3350	3175	2750	350	-	-	-	-	-	-	-	-	-	-
VMI 12/9-6 M (ErP 2015)*	5750	5500	5210	5050	4800	4100	-	-	-	-	-	-	-	-	-
VMI 12/9-6 M	-	-	-	4680	4150	3500	860	-	-	-	-	-	-	-	-
VMI 12/12-6 M	-	-	-	-	4850	2000	685	-	-	-	-	-	-	-	-
VMI 12/12-6 T	-	-	-	6550	5750	4680	1450	935	-	-	-	-	-	-	-
VMI 15/15-6 T	-	-	-	-	-	-	9000	6625	5000	1310	435	-	-	-	-
VMI 18/18-6 T	-	-	-	-	-	-	-	-	-	-	-	12800	5000	3500	2680

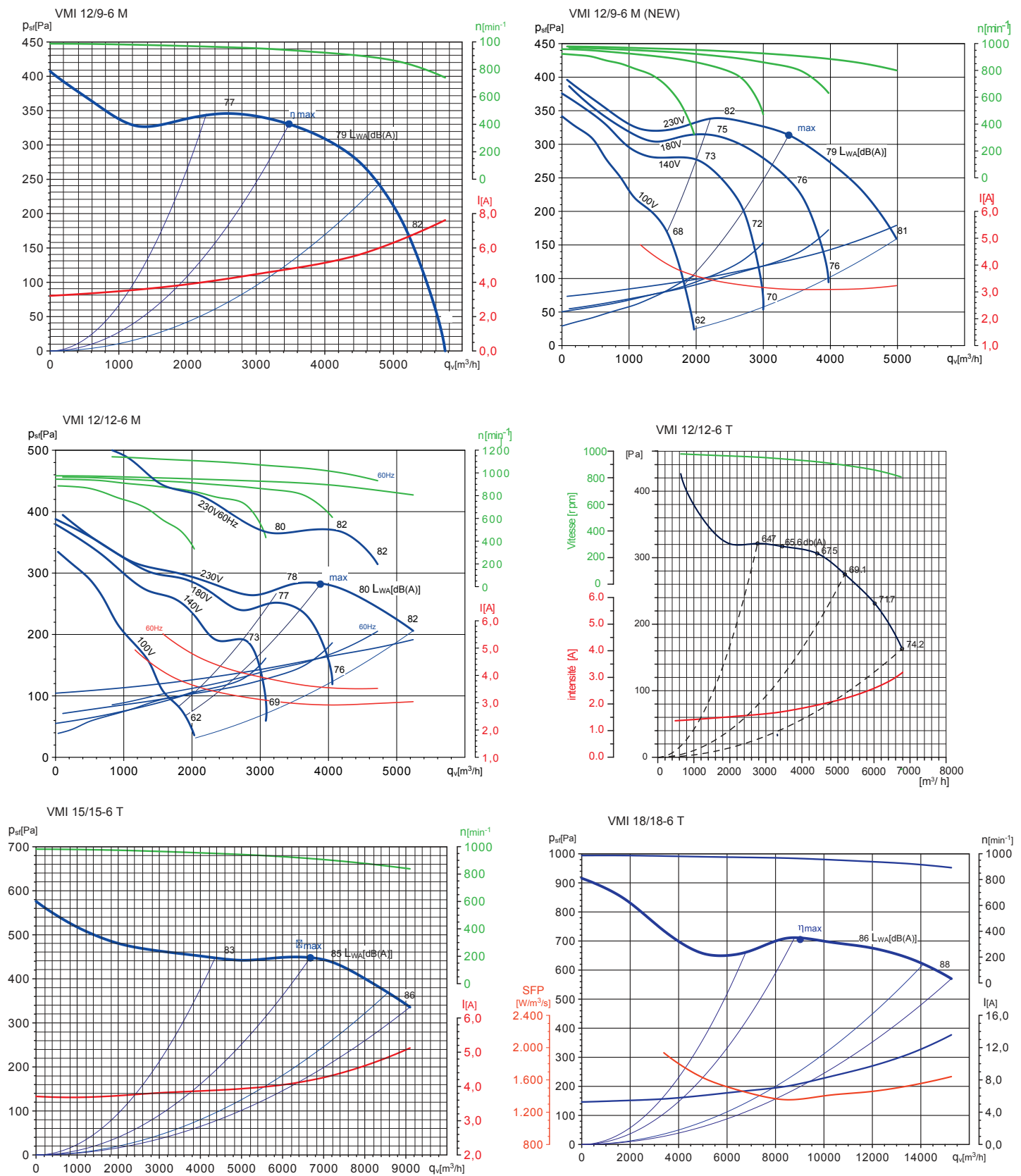
Attention

The VMI 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



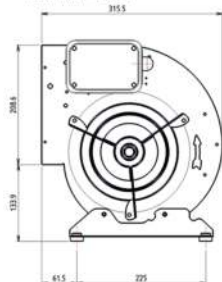
Centrifugal fans

Technical data								
	U [V]	P [W]	I [A]	SC _T	t _m [°C]	IP	n [rpm]	Lp _a max [dB(A)]
VMI 7/7-4A M	1 x 230	147	1.6	BTRN-1-2	40	55	1420	59
VMI 9/9-6 M	1 x 230	245	2.2	BTRN-1-3	40	55	960	78
VMI 9/9-4 M	1 x 230	550	4.6	BTRN-1-5	40	55	1420	67
VMI 10/10-6 M	1 x 230	245	2.8	BTRN-1-3	40	44	980	78
VMI 12/9-6 M (ErP 2015)*	1 x 230	736	7.6	BTRN-1-10	40	44	980	84
VMI 12/9-6 M	1 x 230	750	5.5	BTRN-1-7	40	55	913	79
VMI 12/12-6 M	1 x 230	750	5.6	BTRN-1-7	40	55	899	81
VMI 12/12-6 T	3 x 230/400	1100	5.2 / 3	BTRN-3-7 / BTRNTK-4-40	40	44	980	74
VMI 15/15-6 T	3 x 230/400	2200	8.83 / 5.1	/	40	44	990	86
VMI 18/18-6 T	3 x 230/400	4000	23.9 / 13.6	/	40	44	964	88

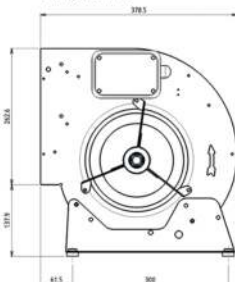
- SC_T = Speed controller
- t_m = Maximum air temperature
- Lp_a = Sound pressure level

* Not available anymore

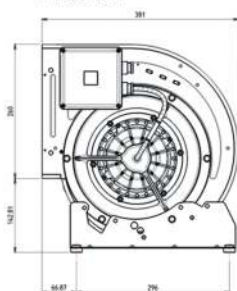
VMI 7/7-4A M



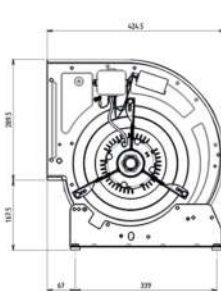
VMI 9/9-4 M



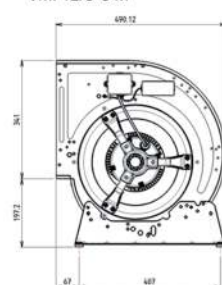
VMI 9/9-6 M



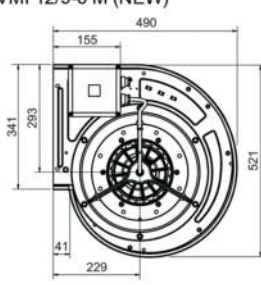
VMI 10/10-6 M



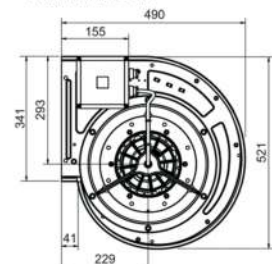
VMI 12/9-6 M



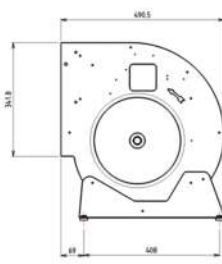
VMI 12/9-6 M (NEW)



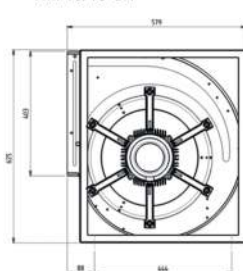
VMI 12/12-6 M



VMI 12/12-6 T



VMI 15/15-6 T



VMI 18/18-6 T

