

Vacuum Pumps

Central Conveying System

Main Features:

Vismec offers a wide range of vacuum systems using single, double and three stage side channel blowers and claw pumps for high distance and throughput applications.

The very high efficient 3 sector cyclone filter can be supplied in double version with manual or automatic switch over to avoid any production stop or loss due to a clogged filter or simple filter maintenance. Automatic filter cleaning is a standard feature. Softstart or Inverter options increase energy savings, and the vacuum systems lifespan. They also protect the material from creating dust or angel hair through the control of the conveying speed. Other options are vacuum system protection for high ambient temperature or material applications.



VISIBUS FW 50 Control:

The Vismec Visibus FW 50 is a central system microprocessor control managing up to 48 conveying stations and 1 vacuum with eventual emergency spare system. All components are linked by a bus-communication.

The FW50 control has a 6-line full text multilanguage backlight display for easy use and operation and is already prepared for the connection to a Vismec supervising system.

VISIBUS FW 50 Control

Vacuum System and Cyclone Filter options:

- ▶ For high heat ambient or high heat material applications special cooling systems are available.
- ▶ The vacuum blowers can be equipped with a Softstart option and exhaust air and blower temperature sensors.
- ▶ Single filters can be supplied with a pressure switch to show an alarm in case of filter clogging.
- ▶ Double filters with automatic switch over with optional dust sensors are also available on request.
- ▶ Dry air conveying is available in a closed circuit type installation or with an additional dry air supply called DRYFEED.

Vacuum Unit	L [mm]	P [mm]	H [mm]
DR2	400	500	1220
DR2 - double	500	600	1220
DR4	400	550	1580
DR4 - Double	800	850	1580
DR8	700	850	1980
DR8 - double	1050	1150	1980



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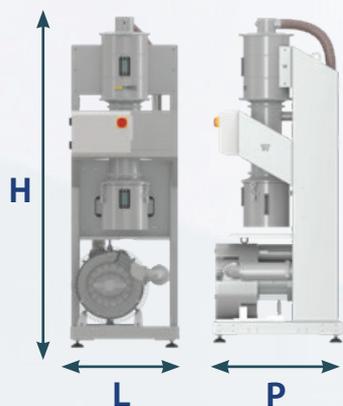
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Vacuum Unit	Filter	L [mm]	P [mm]	H [mm]
VB31-41-51	DR2	400	500	1675
VB32	DR2	554	790	1681
VB41-42-51	DR4	554	790	1965
VB61-62	DR4	700	850	2193
VB61-62-72	DR8	700	1080	1986
VB34Si-44Si	DR4	800	1325	1452
VB44Si-54Si-64Si	DR8	700	1325	1452

Technical specification - vacuum units with visibus control system

Mode	Code	Power Supply [3ph + n]	Air Flow [m3/h]	Vacuum [mbar]	Pipe Ø [mm]	Blower Power [kW]	Suitable Filter	Throughput [kg/h]*
VB31	01503	400 V / 50-60Hz	210	225	40	2.2	DR2	480
VB41	01504	400 V / 50-60Hz	315	185	50	3	DR2	630
VB41	02810	400 V / 50-60Hz	315	185	50	3	DR4	630
VB51	02001	400 V / 50-60Hz	415	225	50	4	DR2	760
VB51	02599	400 V / 50-60Hz	415	225	50	4	DR2	760
VB61	02061	400 V / 50-60Hz	520	300	60	5.5	DR4	900
VB61	02811	400 V / 50-60Hz	520	300	60	5.5	DR8	900
VB32	01505	400 V / 50-60Hz	230	385	40	4	DR2	720
VB42	02400	400 V / 50-60Hz	320	425	50	5.5	DR4	1.050
VB62	02401	400 V / 50-60Hz	525	400	60	7.5	DR4	1.500
VB62	01507	400 V / 50-60Hz	525	400	70	7.5	DR8	1.500
VB72	01508	400 V / 50-60Hz	525	425	70	11	DR8	2.050
VB34Si	3285	400 V / 50-60Hz	250	600	60	4-6.6	DR4	1.200
VB44Si	3286	400 V / 50-60Hz	345	600	60	7.5-8.6	DR4	1.260
VB44Si	3286	400 V / 50-60Hz	345	600	60	7.5-8.6	DR8	1.260
VB54Si	3287	400 V / 50-60Hz	460	600	70	7.5-9	DR8	2.520
VB64Si	3288	400 V / 50-60Hz	600	600	90	11-12.6	DR8	2640

* at the shortest distance, and free flowing granules.

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