

Vacuum pumps / EJ-BLOWOFF

EJ-BLOWOFF-MEDIUMX2-HF-2

- Ideal for applications in dusty environments
- Adjustable blow-off for quick release and cleaning of the EJ cartridge
- Tank capacity 15 cm³
- G3/8" vacuum port
- Available with Gimatic's integrated vacuum switch, pre-set (-30, -50 and -70 kPa), in the PNP and NPN versions
- Multiple vacuum connections
- No additional valves are required, as only one 3/2 valve controls both the vacuum pump and the blow-off function
- Integrated silencer
- Manifold in POM
- Available with two two-stage EJ-MEDIUM cartridges (EJ-HF), high suction flow rate and low energy consumption

Typical applications

- Packaging machines, for the food and pharmaceutical sector
- Handling of cosmetic products
- Pick-up of porous items (cardboard, wooden sheets)



Application example



Technical features

Max feed pressure	0.7 MPa
Weight	256 ± 263 g
Material	PA, SS, Al, POM, Nitrile (NBR)
Noise level	< 70 dB

Suction flow rate

Model	Feed pressure [MPa]	Air consumption [l/s]	Suction flow rate [l/s] at different vacuum levels [kPa]										Max vacuum [kPa]
			0	-10	-20	-30	-40	-50	-60	-70	-80	-90	
EJ-BLOWOFF-MX2-HF-2	0.6	0.86	1.56	1.36	1.04	0.62	0.42	0.30	0.20	0.16	–	–	-73

For technical specifications regarding the suction flow rate and the air consumption at different pressures, refer to the technical data sheets of the two-stage EJ-MEDIUM-HF cartridges and multiply by 2 the values reported at the different vacuum levels

Evacuation time

Model	Feed pressure [MPa]	Air consumption [l/s]	Evacuation time [s/l] to reach different vacuum levels [kPa]									Max vacuum [kPa]
			-10	-20	-30	-40	-50	-60	-70	-80	-90	
EJ-BLOWOFF-MX2-HF-2	0.6	0.86	0.065	0.15	0.27	0.45	0.75	1.15	1.6	–	–	-73

For technical specifications regarding the evacuation time and the consumption at different pressures refer to the technical data sheets of the two-stage EJ-MEDIUM-HF cartridges and divide by 2 the reported values

Identification codes		
Alphanumeric code	Description	Order code
EJ-BLOWOFF-MX2-HF-2	EJ-BLOWOFF-MEDIUMX2-HF-2 vacuum pump with holder and integrated silencer	3030139
EJ-BLOWOFF-MX2-HF-2-VSW-30-P	EJ-BLOWOFF-MEDIUMX2-HF-2 vacuum pump with holder and integrated silencer, pre-set vacuum switch PNP -30 kPa	3030140
EJ-BLOWOFF-MX2-HF-2-VSW-50-P	EJ-BLOWOFF-MEDIUMX2-HF-2 vacuum pump with holder and integrated silencer, pre-set vacuum switch PNP -50 kPa	3030141
EJ-BLOWOFF-MX2-HF-2-VSW-70-P	EJ-BLOWOFF-MEDIUMX2-HF-2 vacuum pump with holder and integrated silencer, pre-set vacuum switch PNP -70 kPa	3030142
EJ-BLOWOFF-MX2-HF-2-VSW-30-N	EJ-BLOWOFF-MEDIUMX2-HF-2 vacuum pump with holder and integrated silencer, pre-set vacuum switch NPN -30 kPa	3030143
EJ-BLOWOFF-MX2-HF-2-VSW-50-N	EJ-BLOWOFF-MEDIUMX2-HF-2 vacuum pump with holder and integrated silencer, pre-set vacuum switch NPN -50 kPa	3030144
EJ-BLOWOFF-MX2-HF-2-VSW-70-N	EJ-BLOWOFF-MEDIUMX2-HF-2 vacuum pump with holder and integrated silencer, pre-set vacuum switch NPN -70 kPa	3030145

