

# Company

PVR continues the production of vacuum pumps which began in the Sixties, with the aid of new technologies, as requested from the market. The experience built in over 50 years, the development of new products, the modern production lines and a trained staff allow us to supply reliable and innovative products.



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Provide trusted & advanced technologies



## Diaphragm Vacuum Pumps and compressors **M** Series



## Service

PVR guarantees a qualified advice for every inquiry thanks to its skilled technical/sales office that supports every project. The Service Department assists and advises our customers with scheduled servicing qualified overhauls and spare parts promptly delivered.



### PVR Srl

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# M Series

## Diaphragm vacuum pumps and compressors

Diaphragm pumps of “M41 and M71 Series” are completely oil free. They can be used either to create vacuum or pressure. The “M41 Series” has a Ryton®-made pump body, the diaphragm and the gasket VITON, EPDM or PTFE.

The “M71 Series” has the pump body made of galvanized anticorodal aluminium, the diaphragms and the gaskets can be made of EPDM or VITON. All the pumps are available either with single or double-head to be used either in parallel or in series.

The “M41 Series” can also be supplied with three or four heads to increase the capacity.

### Applications

Packaging machines with modified atmosphere  
Blister packaging machines  
Bottle fillings  
Chemical processes  
Degassing materials  
Solvent recovery systems  
Distillation systems  
Pick & place systems

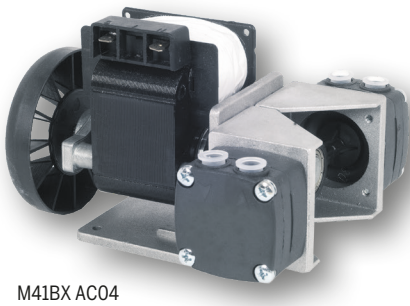
Dental equipments  
Cosmetic industries  
Laboratories  
Ozone generators  
Gas analysers

		M41S AC04	M41S DC52	M41BX AC04	M41BX DC53	EMMEBOX AC04	M41S AC04 HT	M71S AC05	M71S DC54	M71BX AC08	M71BX DC55
Nominal pumping speed	50 Hz	8	8,5	Parallel 16 Series 8	Parallel 17	9.5	7	30	33	Parallel 56 Series 30	Parallel 62
	60 Hz	9.5		Parallel 19 Series 9.5	Series 8.5			36		Parallel 68 Series 36	Series 33
Ultimate pressure (abs)	mbar	200	200	Parallel 200 Series 40	Parallel 200 Series 40	200	180	100	100	Parallel 100 Series 15	Parallel 100 Series 15
Pressure (gauge)	bar	2	2.5	2	3	2	2	0.7	0.7	Parallel 0.7 Series 1.3	Parallel 0.7 Series 1.3
Voltage*	V	110/230 AC	12/24 DC	110/230 AC	12/24 DC	110/230 AC	230 AC	110/230 AC	12/24 DC	110/230 AC	12/24 DC
Overall dimensions	mm	140x74 x104	131x60 x104	147x133 x100	149x133 x75	180x120 x116	150x74 x142	169x81 x130	177x90 x130	194x153 x94	230x153 x94
Total weight	kg	1.31	0.62	1.59	1.19	2.8	1.85	2.13	1.90	3.20	2.70

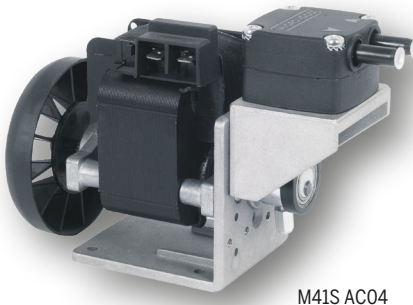
\* Motors having different voltages could be supplied on demand

## Designed to offer the customer numerous benefits

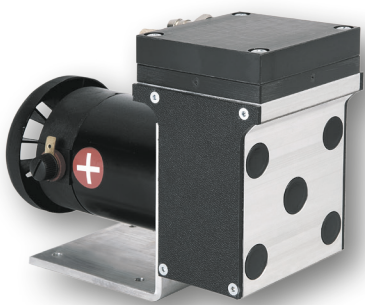
- Dry diaphragm technology
- Compact and low weight
- Versatile for various applications with the possibility to choose diaphragms of different materials
- Reduced maintenance



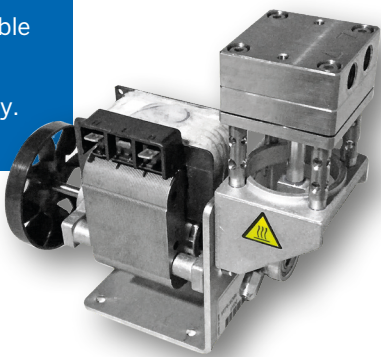
M41BX AC04



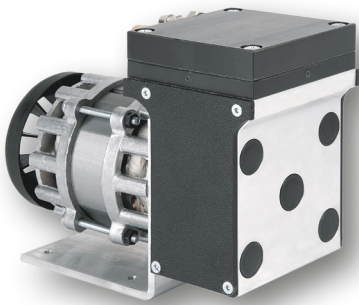
M41S AC04



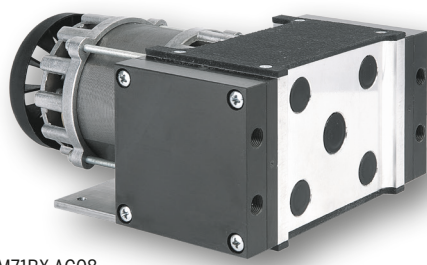
M71S DC54



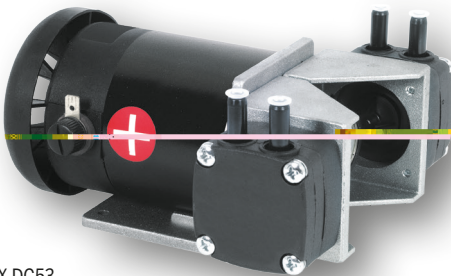
M41S AC04 HT



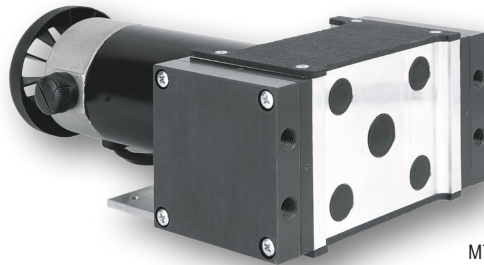
M71S AC05



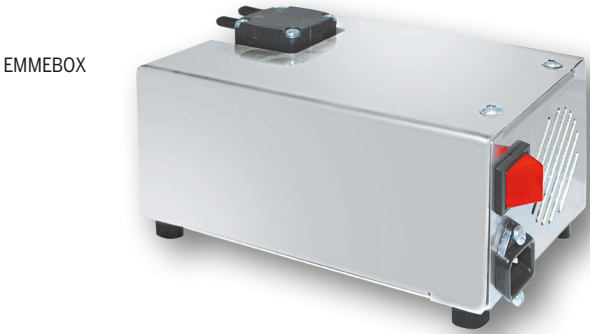
M71BX AC08



M41BX DC53



M71BX DC55



EMMEBOX

Special series HT with body and valve made of AISI 316. Hot head. Max. temperature of the pumped medium up to 200°C.

