

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.



sevencom.it



Provide trusted & advanced technologies



HWT Vacuum Pumps 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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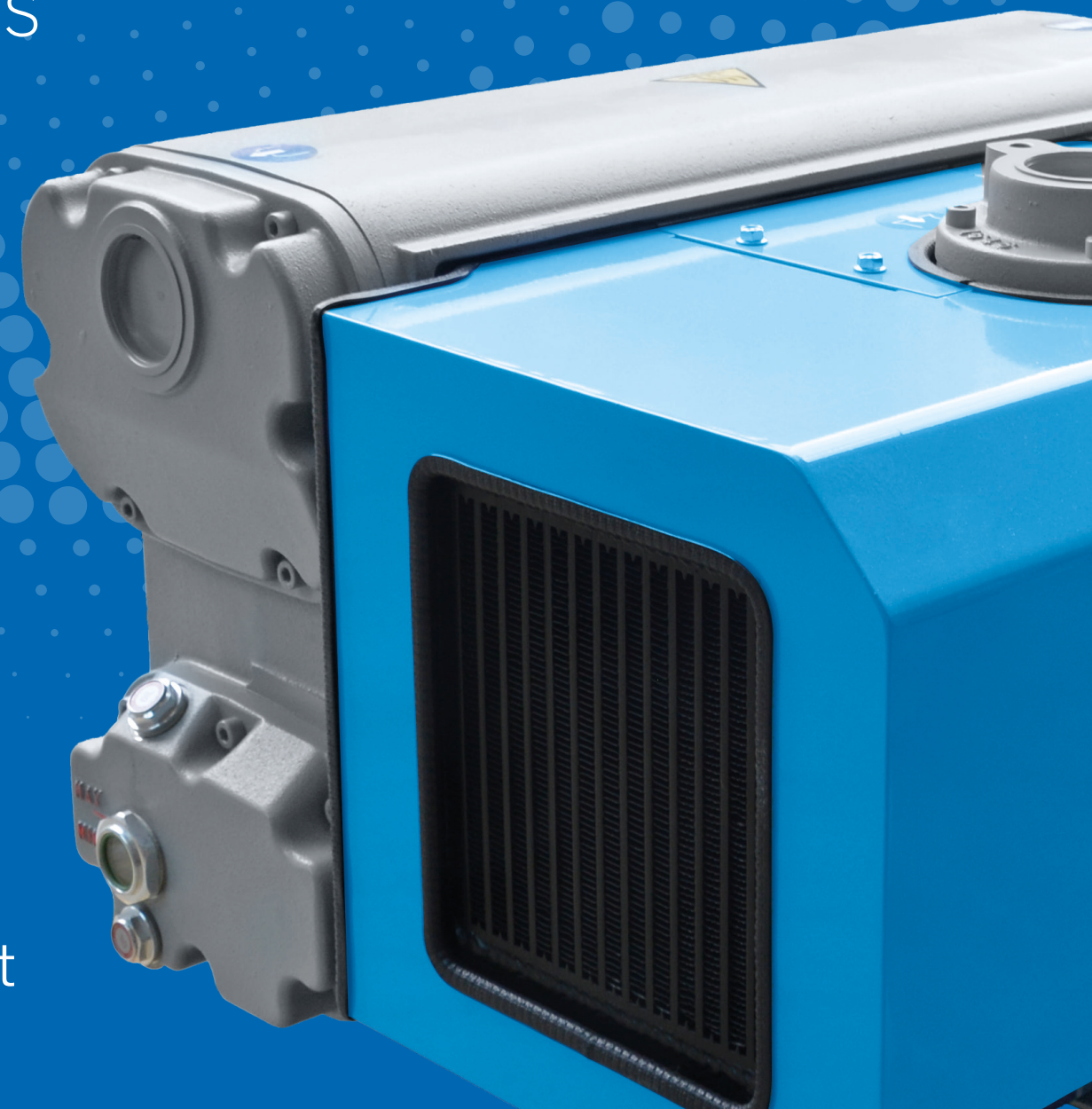
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EU HWT Series

Single stage rotary vane pumps High Water Tolerance

HWT pumps offer superior performance and quality levels. Their main features are: Increased Gas ballast capacity and Higher vapour tolerance. They are especially designed for pumping fluids in presence of large quantity of vapours.

Advantages

- Maintenance costs adequately reduced
- Robustness of oil lubricated rotary vane pump
- Longer lifetime
- Reduced lubricant's disposal costs
- Enviromental friendly
- Simple operation and control

Options and accessories

- VFD - Variable frequency driver
- ATEX version
- Liquid separator
- Inlet filter
- Vacuum gauges / vacuostats
- Pressure gauges / pressure switches
- Thermostat
- Oil level switch

			EU 47 HWT*	EU 67 HWT*	EU 107 HWT	EU 160 HWT	EU 205 HWT
Nominal pumping speed	m³/h	50 Hz	50	67	110	152	205
		60 Hz	56	80	130	182	245
Ultimate pressure (abs)	mbar		≤ 0.8	≤ 0.8	≤ 0.8	≤ 0.8	≤ 0.8
Water vapour tolerance	mbar	50 Hz	80	80	100	80	80
Water vapour pumping capacity	kg/h	50 Hz	2	3	9	9	9,8
Motor power	kW	50 Hz ~ 3	1.1	1.5	2.2	3	4
		60 Hz ~ 3	1.5	1.8	3	4	5.5
Motor speed	min ⁻¹	50 Hz	1500	1500	1500	1500	1500
		60 Hz	1800	1800	1800	1800	1800
Overall dimension L x B x H	mm	50 Hz	566x316x276	606x317x276	718x406x373	805x436x316	895x551x436
		60 Hz	566x316x276	629x317x276	750x406x373	814x436x316	944x551x436

* Versions EU 47M HWT and EU 67M HWT available

HWT technology

PVR R&D developed this unique design to make EU lubricated pump series the only one in the world able to get rid of a greater quantity of water vapour ensuring the best ultimate pressure performance.

All this means huge benefits for the customers such as low maintenance costs, minor lifecycle costs, high productivity, longer lifetime of pumps and components, reduced lubricant's disposal costs and enviromental friendly



EU 160 HWT



Applications

- Packaging machines
- Thermoforming machines
- Freezing chambers
- Evisceration systems
- Dryers
- Oil decontamination
- Chemical processes
- Degassing materials
- Varnish mixers
- Solvent recovery systems
- Distillation systems
- Drying transformer systems
- Motor/transformer impregnation process
- Plastic extruders
- Pick & place systems
- Solar panels
- Autoclaves
- CNC routers
- Glass, ceramic and pottery industry
- Marble and agglomerates
- Wood drying
- Central vacuum systems



EU 300 F HWT

