



# Company

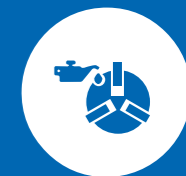
For 60 years PVR has been a leader providing high quality and reliable vacuum pumps. PVR means primarily trusted and advanced technologies, but also sustainable development for the stakeholders, environmental protection and focus on energy saving. The experience acquired during these years of activities, allows PVR to offer products and services that are always reliable and innovative.



sevencom.it



Provide trusted & advanced technologies



# Machining Division

With a view to verticalization of its processes and increased capacity to provide more services to customers, PVR has had a specialized Machining Division for brass, steel, cast iron, stainless steel, and aluminum components since 2023.

Professionalism, experience, and quality characterise PVR Machining Division in the machining of numerous parts for vacuum pumps and components in the industrial, automotive, petrochemical, hydraulic, and electrical sectors.



# 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 maintenance, qualified overhauls and spare parts ready for delivery.

# HWT Vacuum Pumps series



**PVR Srl**

**HEADQUARTERS:**

Via Santa Vecchia, 107 - 23868 Valmadrera (LC), Italy

+39 0341 1918 51

sales@pvr.it

www.pvr.it

**SERVICE:**

+39 339 1495 976

service@pvr.it

**LOCAL UNIT:**

Via IV Novembre, 104F  
23868 Valmadrera (LC), Italy

**MACHINING DIVISION:**

Via Grandi, 12 Loc. Malpensata  
26866 Sant'Angelo Lodigiano (LO), Italy



www.pvr.it

042401-EN



# 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
- Environmental friendly
- Simple operation and control



				EU 47 HWT*	EU 67 HWT*	EU 107 HWT	EU 160 HWT
<b>Nominal pumping speed</b>	m <sup>3</sup> /h	50 Hz		50	67	110	152
		60 Hz		56	80	130	182
<b>Ultimate pressure (abs.)</b>	mbar	EU		≤ 0,8	≤ 0,8	≤ 0,8	≤ 0,8
<b>Water vapour tolerance</b>	mbar	50 Hz		30	80	100	80
		60 Hz		1	3	9	9
<b>Water vapour pumping capacity</b>	kg/h	50 Hz		1,2	3,6	12,3	12,3
		60 Hz		61	62	66	71
<b>Noise level</b>	dB(A)	50 Hz		62	63	68	72
		60 Hz		~ 3	1,1	1,5	2,2
<b>Motor power</b>	kW	50 Hz		1,5	1,8	3	4
		60 Hz		1500	1500	1500	1500
<b>Motor speed</b>	rpm	50 Hz		1800	1800	1800	1800
		60 Hz		566x316x276	606x317x276	718x406x373	805x436x316
<b>Dimensions</b>	L x B x H	mm		566x316x276	629x317x276	750x406x373	814x436x316
		60 Hz		44	51	85	104
<b>Total weight</b>	kg	50 Hz		~ 3	~ 3	~ 3	~ 3
		60 Hz		45	53	89	110

\* EU 47M HWT and EU 67M HWT versions available

## HWT<sup>®</sup> 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 environmental friendly.



EU 160 HWT



EU 47/67 HWT



EU 300 F HWT



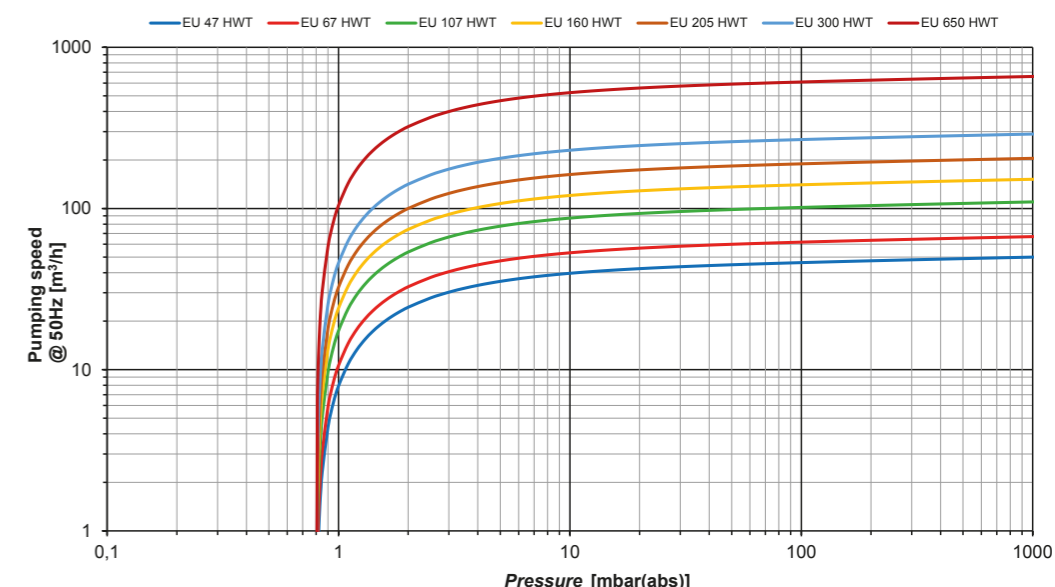
EU 205 HWT	EU 300 HWT	EU 650 HWT
205	300	660
245	360	790
≤ 0,8	≤ 0,8	≤ 0,8
80	80	40
9,8	13,5	19
13,36	19	28,5
70	71	73
72	73	76
4	5,5	15
5,5	7,5	18,5
1500	1500	1000
1800	1800	1200
895x551x436	979x551x436	1436x823x653
944x551x436	1019x551x436	1481x823x653
161	188	582
171	192	612

### 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
- Plastic extruders
- Pick & place systems
- Solar panels
- Autoclaves
- CNC routers
- Glass, ceramic and pottery industry
- Marble and agglomerates
- Wood drying
- Central vacuum systems
- Motor/transformer impregnation process

### Options

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



Scan to find out more

