

Vacumat Eco

pressure-temperature controlled degasser

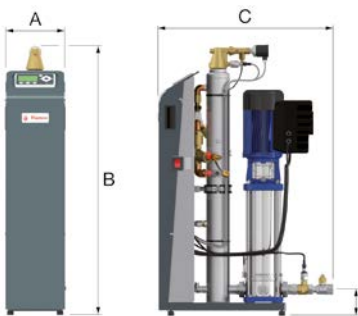
The quality of the water determines the performance of cooling and heating installations. A system with oxygen-rich water works less efficiently. Oxygen penetrates systems in various ways, resulting in corrosion and the formation of sludge. In turn, this produces resistance losses, additional wear and tear, unnecessary faults, disruption to the systems, reduced pump performance and irritating noises. Consequences: a lack of comfort, unnecessary loss of energy and a shorter service life of the system. It is therefore important to deaerate as quickly and efficiently as possible.

The ultimate solution for this is the Vacumat Eco. This pressure-temperature controlled degasser degasses extremely accurately and effectively. The Vacumat Eco degasses at least seven times faster through the much greater and fully continuous degassing capacity. Because gases are discharged more quickly, This minimises damage to the system, avoids unnecessary faults and expensive repairs, and extends the life of the system. The Vacumat Eco is also eight times more energy efficient than the deaeration systems currently available on the market.

The sensors in the Vacumat Eco continuously measure the temperature and pressure in the system. The specially developed software supports the new technology of sensitive degassing and offers greater insight into the water quality and system performance. Just as importantly, the system is monitored fully automatically and adjusted to the presence of gases. As soon as the system is degassed, the Vacumat Eco checks the deaeration performance and only makes adjustments as necessary. This idle status reduces energy consumption a little bit further.



For more information, see the comprehensive product folder (available for download via the website).



	system oper. pressure	to system	from system	to supply	dimensions				weight	electr. conn.	power supply	nom. current
	[bar]	connections			A	B	C	D	[kg]	50/60Hz [V]	[kW]	[A]
Vacumat Eco 300	0,5 - 2,7								37,5	1~230	0,4	2,85
Vacumat Eco 600	0,8 - 5,4	1	½	½	260	1030	670	100	41,5	1~230	1,1	5,18
Vacumat Eco 900	0,8 - 8,7								51,5	1~230	1,1	6,8

Water-based heat carrier as per VDI 2035. Max. glycol ≤ 30%: max working pressure range -10%, and no distilled water.