Vacumat Eco

Product Data Sheet 2022/03/30

The Vacumat Eco degasses extremely accurately and effectively. This pressure-temperature controlled degasser degasses faster through the much greater and fully continuous degassing capacity. Removing gases more quickly limits damage to the system as much as possible, avoids unnecessary faults and expensive repairs, and extends the life of the system.

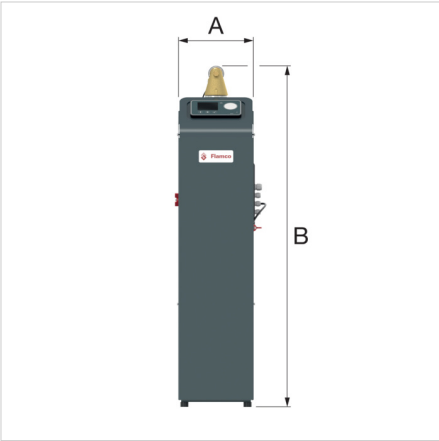
The Vacumat Eco can be used for a large system capacity and therefore in more situations. In contrast to the ENA series, the appliance makes use of the new technology of sensitive deaeration. This allows the process to run quickly, quietly and extremely economically.

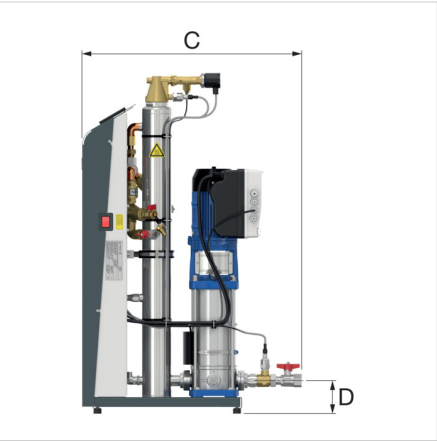
Advantages

- Degasses up to seven times quicker than comparable products.
- Is eight times more energy-efficient thanks to innovative technologies.
- Gives real-time insight into system performance.
- Automatic standby function for optimal energy saving.
- Control unit can be set to any level within a given range.
- The menu of the control unit is available in 19 languages.
- Compact and rugged design.
- Pressure- and level-controlled topping-up with a wide range of available settings.

Technical Specifications

- Complies with the following guidelines:
  Machinery Directive 2006/42/EC.
  PED 2014/68/EU.



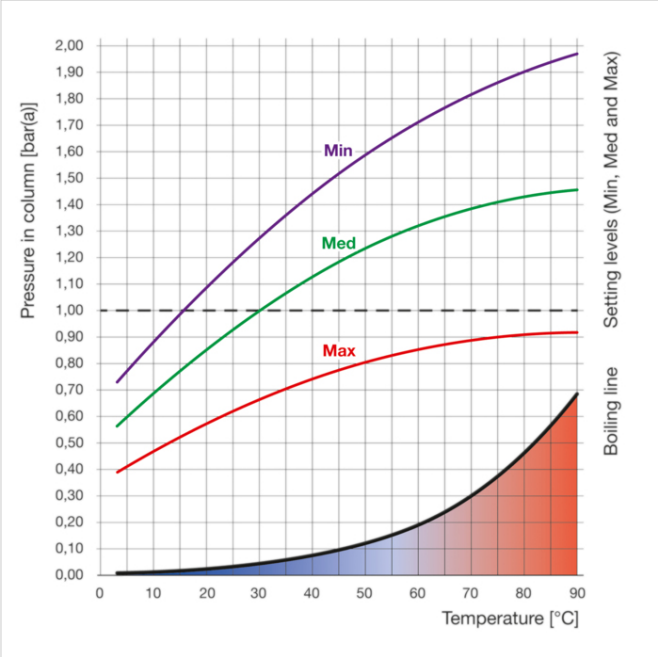


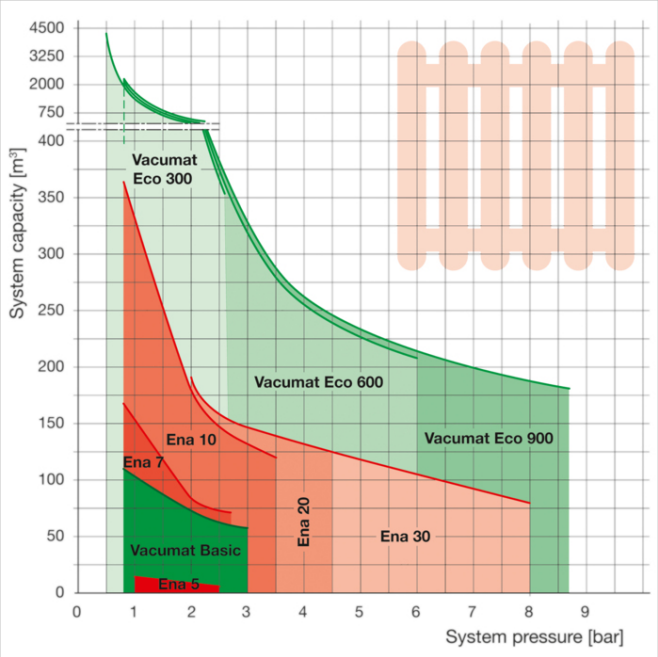
Type	System operating pressure [bar]	Connections			Dimensions				Weight [kg]	-	Order Code
		To system	From system	To supply	A [mm]	B [mm]	C [mm]	D [mm]			
Vacumat Eco 300	0.6 - 2.7	Rp 1"	Rp ½"	Rp ½"	260	1030	670	100	36	1	17003
Vacumat Eco 600	0.8 - 5.4	Rp 1"	Rp ½"	Rp ½"	260	1030	670	100	38	1	17006
Vacumat Eco 900	0.8 - 8.7	Rp 1"	Rp ½"	Rp ½"	260	1030	670	100	47	1	17009

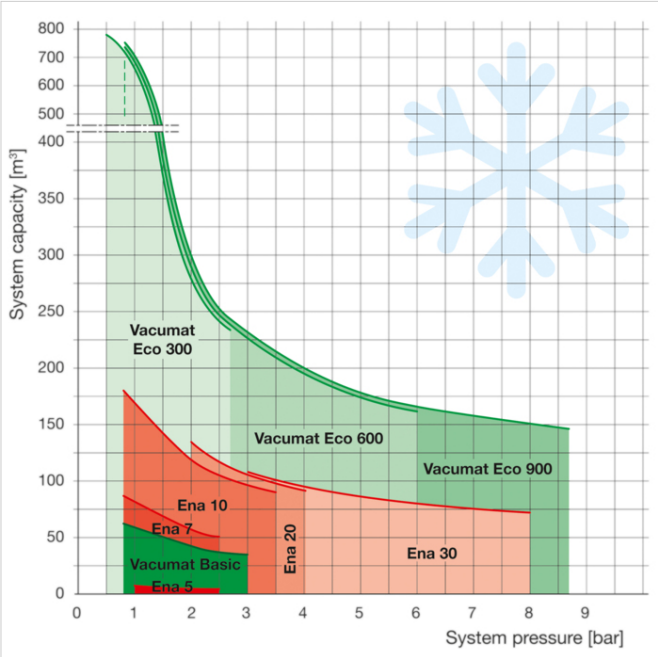
Vacumat Eco - Performance

Specifications		Vacumat Eco		
		300	600	900
Nominal pressure [PN]	-	10	10	10
Working pressure range [bar]	-	0.6 - 2.7	0.8 - 5.4	0.8 - 8.7
Medium	-	Water-based heat carrier according to VDI 2035 and no distilled water	Water-based heat carrier according to VDI 2035 and no distilled water	Water-based heat carrier according to VDI 2035 and no distilled water
Max. glycol	-	50 %	50 %	50 %
System flow temperature [°C]	-	3 - 120	3 - 120	3 - 120
System water temperature range for deaeration [°C]	-	3 - 90	3 - 90	3 - 90
Top-up temperature [°C]	-	3 - 90	3 - 90	3 - 90
Ambient temperature range [°C]	-	3 - 45	3 - 45	3 - 45
Electrical requirements [V]	-	1 ~ 230 V 50/60 Hz	1 ~ 230 V 50/60 Hz	1 ~ 230 V 50/60 Hz
Power supply [kW]	-	0.55	0.75	0.75
Degree of protection / motor position valves	-	IP 54 / IP 42	IP 54 / IP 42	IP 54 / IP 42
Nominal current [A]	-	2.22	4.09	4.09
Noise output [dB(A)] *	-	52	55	~55
Adjustable degassing level [ml/l] (saturation acc. to VDI 2035-2 and 4708-2)	Min	15	15	15
	Med	12	12	12
	Max	8	8	8

*In silent mode (up to 30% Glycol)







Find more information online:

Installation and operating instruction
Declaration of conformity
Vacumat Eco 900 ADSK
Vacumat Eco 900 DWG
Vacumat Eco 900 IPT
Vacumat Eco 900 STEP
Vacumat Eco RFA
Export catalogue
Brochure
Specification Text
Spare parts list
Packaging data
Vacumat Eco

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