

NEW VIRADEG

VACUUM DEGASSERS

June 2023





ViraDeg – Vacuum Degasser

Vacuum degassing is a technique of removing dissolved gas from a liquid solution by lowering the pressure inside a vessel containing the solution. Vacuum degassing is the process of removing dissolved gas from a liquid solution by lowering the pressure inside a vessel containing the solution. The reduced pressure inside the vessel causes the gas to become less soluble and separate from the liquefied material. After the vacuum degassing process is complete, the gas is removed from the vessel, and the pressure is returned to normal.



When to apply a vacuum degasser?

• When an installation contains many branches, with a low flow velocity. In this case, the free, accumulated gasses will hardly be carried away with the flow, but will disappear slowly thanks to the fluid being made absorptive.

• In case of small temperature differences only a small amount of gas is released by the heating or cooling process, which can be removed by an in-line deaerator. A vacuum degasser works independently of the fluid temperature.

• When an in-line deaerator cannot be mounted for practical reasons. A vacuum degasser can be mounted at almost any place in an installation.





important

Vira has changed VIRADEG vacuum degasser working principle. New Vira Deg models have more capacity and efficient solutions.

Technical Details

Туре	:	١
Pump brand	:	(
Max. Pressure	:	3
Empty weight	:	Z
Vessel (stainless)	:	Ę
Max. Glycol	:	2
Connection (inlet/outlet)	:	1
Noise level	:	Ļ
Refill connection	:	1
System pressure	:	(
Ambient temperature	:	1
Temperature system fluid	:	-
Refill pressure	:	(
Temperature refill fluid	:	1
Refill volume (l/h)	:	1
Supply voltage (50–60 Hz)	:	
Power supply	:	(
Nominal current	:	2
Capacity (pressure < 2 bar)	:	ć
Capacity (pressure > 2 bar)	:	8
Protection class	:	I

√3-R Grundfos 3.8 barg 41 5.5 lt 40% /2" female 50 db(A) /2" female 0.5 - 3.8 bar - 55°C - 20 / 90°C 0.8 – 10 bar - 90°C 180 l/h 220-240 V 0.67 kW 4.0 – 4.4 A 600 lt / h 800 lt / h P 54

V6-R Lowara 6.0 barg 51 7.0 lt 40% 1/2" female 56 db (A) 1/2" female 1.0 – 6 bar 1-55°C - 20 / 90°C 1 – 10 bar 1-90°C 180 l/h 220-240 V 0.75 kW 4.9 A 780 lt / h 1000 lt / h IP 54





What is new ?

- Quieter
- Plug-and-play unit
- Higher capacity
- More stable working technique
- Fewer parts and components
- Better pump (Grundfos)
- Stainless steel vessel and components
- Non-stop working even if there is an error



To get more information please visit our website or send your requirements to the following email address.



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