

Series description: Tagus degassing & top-up units

Wilo-Tagus vac 20



Construction

Pressure step degasser

Application

- Closed heating systems
- Cooling systems

Type key

Example: Tagus vac 7	Wilo-Tagus vac 20 Family name pressure step degasser Performance class
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Technical data

- Working temperature: 3 °C to 70 °C.
- Maximum (feed) supply temperature in the system: 120 °C.
- Ambient temperature: > 3 °C to 45 °C.
- Maximum pressure in the suppletion feed line: 2 to 8 bar.
- Noise production: approx. 55 dB(A).
- Electrical connection 230 V 50 Hz.
- Suitable for addition of glycol-based anti-freeze up to 30%.
- Complies with the following guidelines: Machinery Directive 2006/42/EC, PED 2014/68/EU.

Series

Tagus degassing & top-up units

Your advantages

- Effective deaeration and top-up for a high fluid quality by central degassing for both system and top-up water
- Self-regulated refilling with degassed water thanks to the turbo operation mode and the external refill contact (230V)
- Assembled and ready for connection.
- Clear operation via the intuitive display.
- Active degassing by patented PALL-Ring technology for high performance de-aeration
- Integrated glanded pump of the MHI series

Data sheet: Degassing and Refill Automat Tagus vac 10

Technical data

Rated current I_N	5.3 A
Max. contact capacity	1~ 230V 50 Hz 3A
Rated power P_2	1.1 W
Interface	RS485 (TIA-485A), optically insulated
Protection class	IP54
Connection input	G 3/4
Connection output	G 3/4
Port-to-port length l_0	740 mm
Sound-pressure level	55 dB
Maximum pressure rating	8
Min. refill pressure	2 bar
Max. refill pressure	8 bar
Maximum allowed limit of glycol in %	740 %
Break tank volume V	30 l

Operating data

Min. operating pressure	0.8
Max. operating pressure P_N	4 bar
Min. fluid temperature	-10 °C
Max. fluid temperature	70 °C
Max. ambient temperature	45 °C
Min. ambient temperature	3 °C

Information for order placements

Net weight, approx.	40.00 kg
Make	Wilo
Product description	Degassing and Refill Automat Tagus vac 10
Item no.	2198925
Installation	Vertical

Data sheet: Degassing and Refill Automat Tagus vac 20

Technical data

Rated current I_N	7.2 A
Max. contact capacity	1~ 230V 50 Hz 3A
Rated power P_2	1.5 W
Interface	RS485 (TIA-485A), optically insulated
Protection class	IP54
Connection input	G ¾
Connection output	G ¾
Port-to-port length l_0	740 mm
Sound-pressure level	55 dB
Maximum pressure rating	8
Min. refill pressure	2 bar
Max. refill pressure	8 bar
Maximum allowed limit of glycol in %	740 %
Break tank volume V	30 l

Operating data

Min. operating pressure	0.8
Max. operating pressure P_N	5 bar
Min. fluid temperature	-10 °C
Max. fluid temperature	70 °C
Max. ambient temperature	45 °C
Min. ambient temperature	3 °C

Information for order placements

Net weight, approx.	45.00 kg
Make	Wilo
Product description	Degassing and Refill Automat Tagus vac 20
Item no.	2198926
Installation	Vertical

Data sheet: Degassing and Refill Automat Tagus vac 30

Technical data

Rated current I_N	10.6 A
Max. contact capacity	1~ 230V 50 Hz 3A
Rated power P_2	2.2 W
Interface	RS485 (TIA-485A), optically insulated
Protection class	IP54
Connection input	G ¾
Connection output	G ¾
Port-to-port length l_0	710 mm
Sound-pressure level	55 dB
Maximum pressure rating	10
Min. refill pressure	2 bar
Max. refill pressure	8 bar
Maximum allowed limit of glycol in %	710 %
Break tank volume V	30 l

Information for order placements

Net weight, approx.	60.00 kg
Make	Wilo
Product description	Degassing and Refill Automat Tagus vac 30
Item no.	2198927
Installation	Vertical

Operating data

Min. operating pressure	2
Max. operating pressure P_N	8 bar
Min. fluid temperature	-10 °C
Max. fluid temperature	70 °C
Max. ambient temperature	45 °C
Min. ambient temperature	3 °C

Data sheet: Degassing and Refill Automat Tagus vac 7

Technical data

Rated current I_N	2.77 A
Max. contact capacity	1~ 230V 50 Hz 3A
Rated power P_2	0.6 W
Interface	RS485 (TIA-485A), optically insulated
Protection class	IP54
Connection input	G ¾
Connection output	G ¾
Port-to-port length l_0	740 mm
Sound-pressure level	55 dB
Maximum pressure rating	8
Min. refill pressure	2 bar
Max. refill pressure	8 bar
Maximum allowed limit of glycol in %	740 %
Break tank volume V	30 l

Operating data

Min. operating pressure	0.8
Max. operating pressure P_N	3 bar
Min. fluid temperature	-10 °C
Max. fluid temperature	70 °C
Max. ambient temperature	45 °C
Min. ambient temperature	3 °C

Information for order placements

Net weight, approx.	38.00 kg
Make	Wilo
Product description	Degassing and Refill Automat Tagus vac 7
Item no.	2202012
Installation	Vertical