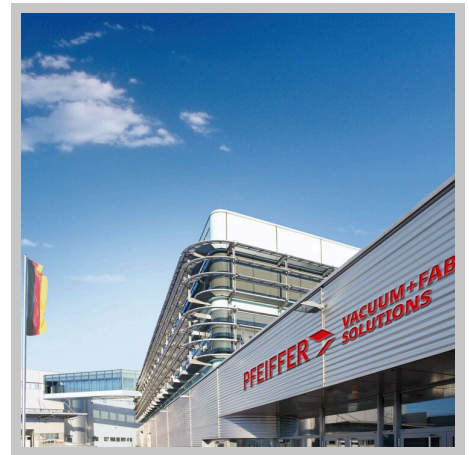




**ACP 28, standard, single
phase, manual gas
ballast**

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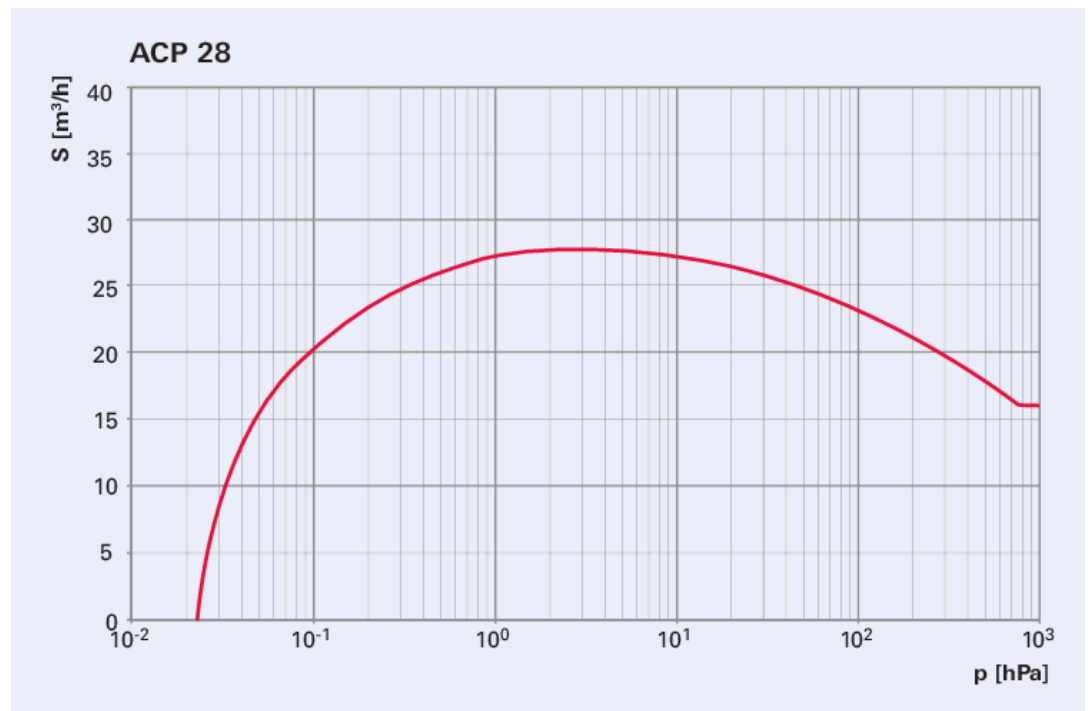
ACP 28, standard



Illustration only

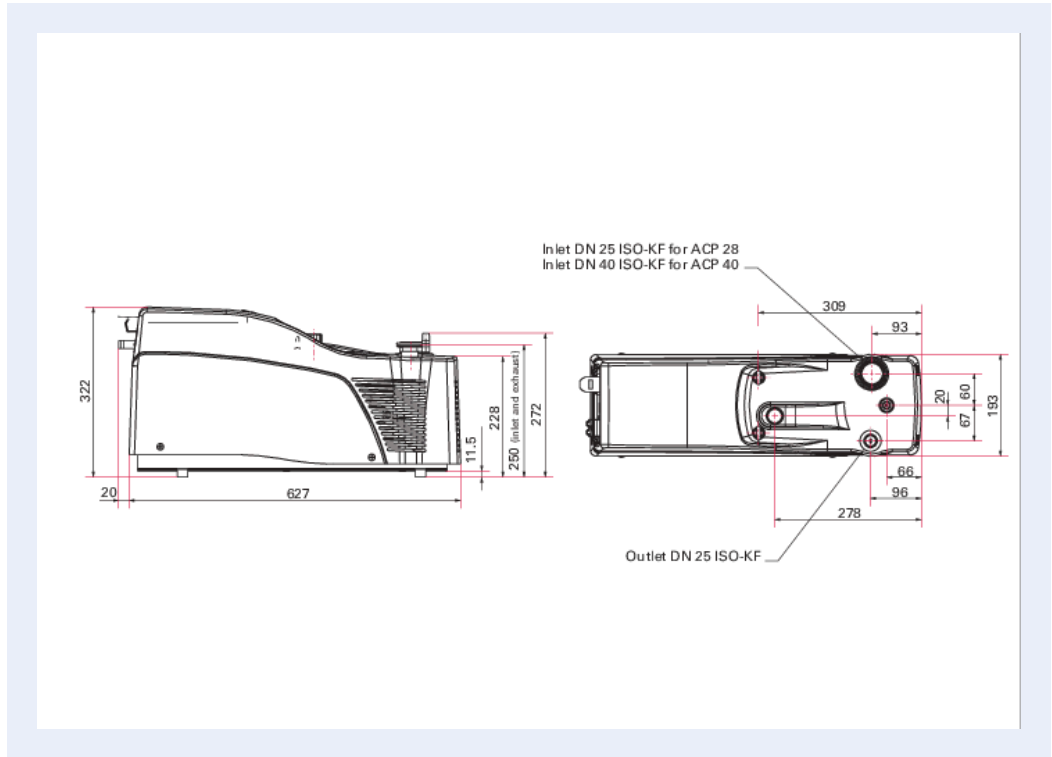
ACP 28, standard, single phase, manual gas ballast

Characteristics



ACP 28, standard

Dimensions



ACP 28, standard

Technical Data	ACP 28, standard, single phase, manual gas ballast
Type of electronic drive unit installation	Integrated electronic drive unit
Gas ballast	Yes
Cooling method	Air (Forced convection)
Pumping speed	27 m ³ /h
Motor type	1-phase motor
Pumping speed category	28 m ³ /h
Motor for region	Worldwide
Typical ultimate pressure with gas ballast	$2 \cdot 10^{-1}$ hPa
Typical ultimate pressure without gas ballast or purge	$4 \cdot 10^{-2}$ hPa
Processes	Light duty applications
Version	Standard
Ambient temperature	12 – 40 °C
Ultimate pressure without gas ballast or purge, max.	$4 \cdot 10^{-2}$ hPa
Input voltage(s)	110 – 230 V AC (± 10 %), 50/60 Hz
Emission sound pressure level (EN ISO 2151)	65 dB(A)
Helium leakage rate, max.	$5 \cdot 10^{-7}$ hPa·l/s
Power consumption at ultimate pressure	700 W
Typical ultimate pressure with gas ballast	$2 \cdot 10^{-1}$ hPa $1.5 \cdot 10^{-1}$ Torr $2 \cdot 10^{-1}$ mbar
Ultimate pressure with gas ballast	$2 \cdot 10^{-1}$ hPa $1.5 \cdot 10^{-1}$ Torr $2 \cdot 10^{-1}$ mbar
Exhaust pressure, max.	1,200 hPa 900 Torr 1,200 mbar
Gas ballast flow	1.2 m ³ /h 0.706 cfm 20 l/min
Typical ultimate pressure without gas ballast or purge	$4 \cdot 10^{-2}$ hPa $3 \cdot 10^{-2}$ Torr $4 \cdot 10^{-2}$ mbar
Continuous inlet pressure, max.	1,013 hPa 759.75 Torr 1,013 mbar
Ultimate pressure without gas ballast or purge, max.	$4 \cdot 10^{-2}$ hPa $3 \cdot 10^{-2}$ Torr $4 \cdot 10^{-2}$ mbar
Exhaust pressure, max.	1,200 hPa
Gas ballast flow	1.2 m ³ /h
Mains cable	No
Final pressure with gas ballast	$2 \cdot 10^{-1}$ hPa
Max. pumping capacity of pure water vapor at 20°C	120 g/h
Dimensions (L x W x H)	647 x 193 x 322 mm
Continuous inlet pressure, max.	1,013 hPa
Weight	30 kg
Connection flange (in)	DN 25 ISO-KF

ACP 28, standard

Connection flange (out)	DN 25 ISO-KF
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Order number	ACP 28, standard, single phase, manual gas ballast
ACP 28, standard, single phase, manual gas ballast	V6SATSGZMF

Accessories	ACP 28, standard, single phase, manual gas ballast
External silencer ES 25 S, DN 25	109873
Noise reduction cover NRC 28/40, for ACP 28 and ACP 40 pumps	112637
Sound enclosure kit SEK 28/40, for ACP 28 and ACP 40 pumps	114379
Inlet particle filter IPF 25, DN 25	111649



Errors and/or changes excepted. - 9/30/2025

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