



**ACP 90, G version, single phase,
purge port R 1/4"**

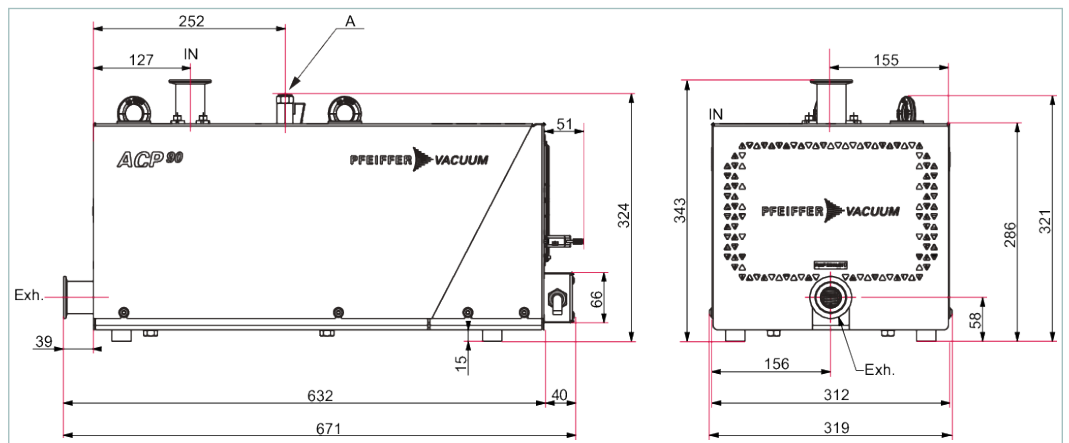


Similar Image

ACP 90, G version, single phase, purge port R 1/4"

- Dry multi-stage Roots technology, G versions, ACP pumps with a pumping speed of max. 90 m³/h. High pumping speed at high pressure.
- No particle contamination, thanks to frictionless design: no wearing parts in the pumped gases path
- No hydrocarbon vapors backstreaming: ACP series pumps are free of lubricant inside the pumping module
- Constant performances (Pumping speed, max. and ultimate pressure)
- High reliability: thanks to our expertise of dry multi-stage Roots pumps since 1988
- Low maintenance cost. No annual maintenance. Maintenance of low pressure bearings can be done on-site
- Thanks to specific high quality materials the pump is compatible with traces of corrosive gases. A purge gas stream dilutes the corrosive media and provides bearings protection

Dimensions



Technical Data	ACP 90, G version, single phase, purge port R 1/4"
Ambient temperature	12-40 °C 53.6-104 °F 285-313 K
Connection flange (in)	DN 40 ISO-KF
Connection flange (out)	DN 40 ISO-KF
Continuous inlet pressure, max.	1,013 hPa 759.75 Torr 1,013 mbar
Cooling method	Air
Corrosive gas version	Yes (light load)
Dimensions (L x W x H)	671 x 319 x 324 mm 26.42 x 12.56 x 12.76 inch
Exhaust pressure, max.	1,200 hPa 900 Torr 1,200 mbar
Final pressure without purge, max.	$3 \cdot 10^{-2}$ hPa $2.25 \cdot 10^{-2}$ Torr $3 \cdot 10^{-2}$ mbar
Floor contact	Wheels
Gas ballast	No
Helium leakage rate, max.	$< 5 \cdot 10^{-6}$ hPa-l/s
Mains connection	200 – 240 V AC ($\pm 10\%$)
Mains connection: frequency (range)	50/60 Hz
Motor type	1-ph motor
N ₂ sealing gas flow	30 slpm (0 °C)
Power consumption at final pressure	1280 W
Processes	Light Duty Applications
Pumping speed	88 m ³ /h 51.8 cfm 1,466.67 l/min
Purge flow	1.8 m ³ /h 1.06 cfm 30 l/min
Version	Corrosive gas version
Weight	75 kg 165.34 lb

Order number	
ACP 90, G version	V9GABSAZRR01

Accessories	
ISO-KF, welded bellows sealed	
HV angle valve, DN 40 ISO-KF, manually operated, 304/FKM, "A"-dim. 65 mm	ESV-S04100
Protection Dust separators/Inlet particle filters	
Inlet particle filter IPF 40, DN 40	111647
Protection Oil mist eliminators	
Oil mist separator OME 40 S	104887

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