

ACP 15-40

Multi-stage roots vacuum pumps

PFEIFFER 
VACUUM+FAB SOLUTIONS

Part of the **BUSCH** GROUP



Dry

Hydrocarbon-free, oil- and contact-free operation

High performance

Constant pumping speed, low ultimate pressure

Reliable

No wearing parts inside the compression chamber, long life cycle

Accessories, spare parts and options

- Dust filter
- External silencer
- Isolation valve
- Preventive maintenance packages
- Different versions for corrosive gases, condensable vapor pumping, gas recirculation or fluorine-free pumping
- Remote electronic for radiative environment

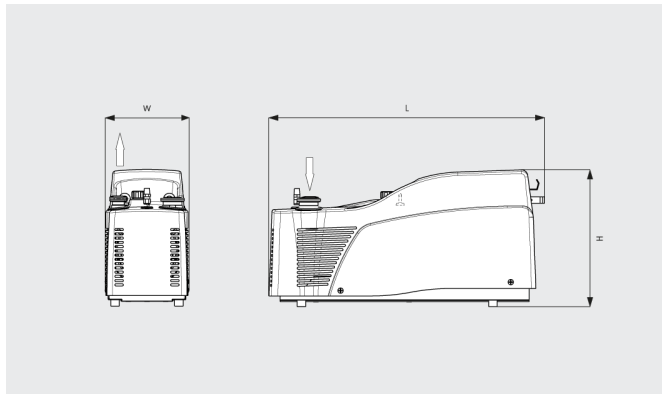
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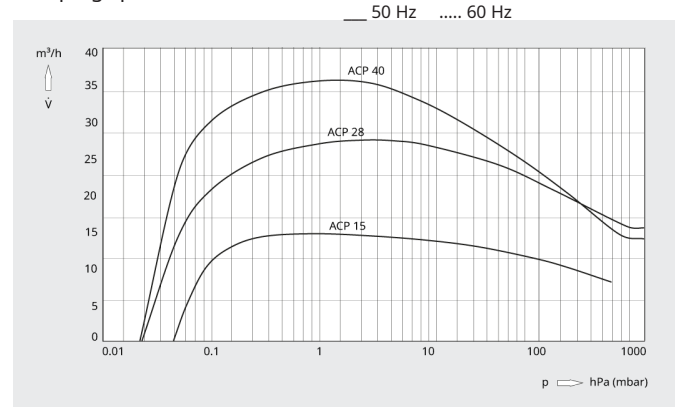
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Dimensional drawing



Pumping speed



	ACP 15	ACP 28	ACP 40
Max. pumping speed	14 m³/h	27 m³/h	37 m³/h
Ultimate pressure without dillution	$5 \cdot 10^{-2}$ mbar	$4 \cdot 10^{-2}$ mbar	$4 \cdot 10^{-2}$ mbar
Ultimate pressure with gas-ballast valve	$3 \cdot 10^{-1}$ mbar	$2 \cdot 10^{-1}$ mbar	$2 \cdot 10^{-1}$ mbar
Max. continuous inlet pressure	1013 mbar	1013 mbar	1013 mbar
Max. water pumping capacity	80 g/h	120-700* g/h	120-700* g/h
Power consumption at ultimate pressure	0.45 kW	0.7 kW	0.7 kW
Max. power consumption	0.55 kW	1.05 kW	1.05 kW
Supply voltage 1-phase	100-230 VAC	100-230 VAC	100-230 VAC
Supply voltage 2-phase	200-440 VAC	200-440 VAC	200-440 VAC
Sound pressure level at ultimate pressure	<65 dB(A)	<65 dB(A)	<65 dB(A)
Cooling method	Air	Air	Air
Max. leak rate	$5 \cdot 10^{-7}$ hPa·l/s	$5 \cdot 10^{-7}$ hPa·l/s	$5 \cdot 10^{-7}$ hPa·l/s
Connecting flange (in)	DN 25 ISO-KF	DN 25 ISO-KF	DN 40 ISO-KF
Connecting flange (out)	DN 16 ISO-KF	DN 25 ISO-KF	DN 25 ISO-KF

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Dimensions (L x W x H)	514 x 190 x 270 mm	647 x 193 x 322 mm	647 x 193 x 322 mm
Weight	23 kg	30 kg	32 kg

*depending on configuration

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!



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