

TYR WT 0100-0730 CV

Rotary lobe blowers



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Efficient

Effective compression and gas transport, flow-optimized blower stages, low energy consumption, minimized operating costs, minimal maintenance

Quiet

Innovative noise reduction concept, integrated inlet and outlet silencers

Robust

Durable construction, contact-free operating principle, base frame with forklift slots for easy handling

Accessories, spare parts and options

- Vacuum regulating valve
- Non-return valve
- Rubber and stainless steel expansion joints
- Electronic filter monitoring
- Temperature monitoring device
- Oil temperature sensors
- Nickel coating of stage
- V-belt guard for versions with acoustic enclosure
- Oil filler unit
- Resonance pulsation silencer
- Water cooling system (water-air or water-water)
- External control cabinet
- Acoustic enclosure (optionally with all-weather finish for outdoor applications)
- Reactive inlet and outlet silencers
- Door switch
- C4 corrosion protection version
- Labyrinth seal in stainless steel

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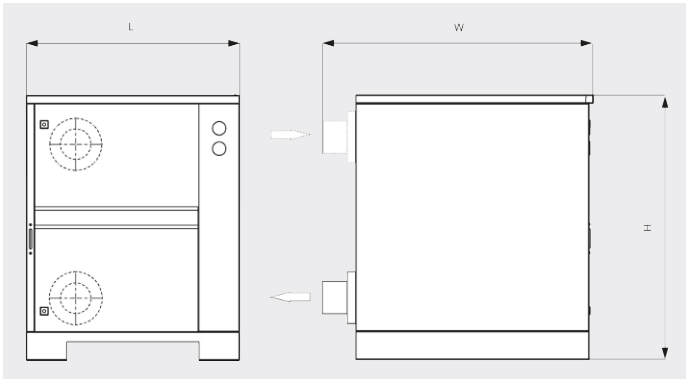
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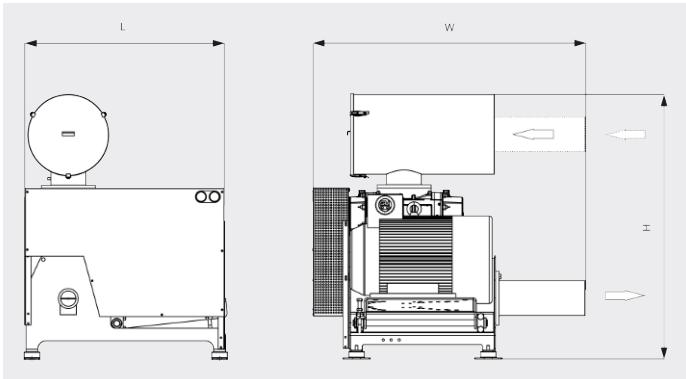
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Dimensional drawing
(with acoustic enclosure)



Dimensional drawing
(without acoustic enclosure)



	TYR WT 0100 CV	TYR WT 0150 CV	TYR WT 0280 CV
Volume flow	88–353 ACFM	131–530 ACFM	180–989 ACFM
Max. differential pressure	-375 TORR	-375 TORR	-375 TORR
Nominal motor rating	1.0–30.0 hp	1.5–50.0 hp	2.0–75.0 hp
Blower speed	1150–4700 RPM	1150–4700 RPM	850–4700 RPM
Weight approx. (without/with acoustic enclosure)	397/650 Lbs.	434/688 Lbs.	763/1179 Lbs.
Dimensions (L x W x H) (without/with acoustic enclosure)	28.1 x 43.9 x 40.1 / 31.1 x 46.4 x 42.6 inches	27.1 x 43.8 x 40.5 / 31.1 x 46.4 x 42.6 inches	37.2 x 48 x 49.3 / 41.3 x 50.8 x 51.3 inches
Gas inlet / outlet	4.48 / 4.48 inches	4.48 / 4.48 inches	6.26 / 6.26 inches

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	TYR WT 0390 CV	TYR WT 0600 CV	TYR WT 0730 CV
Volume flow	251–1377 ACFM	424–2119 ACFM	544–2578 ACFM
Max. differential pressure	-375 TORR	-375 TORR	-375 TORR
Nominal motor rating	3.0–100.0 hp	5.0–125.0 hp	7.5–150.0 hp
Blower speed	850–4700 RPM	750–4050 RPM	750–3550 RPM
Weight approx. (without/with acoustic enclosure)	820/1237 Lbs.	1567/2235 Lbs.	1653/2321 Lbs.
Dimensions (L x W x H) (without/with acoustic enclosure)	37.2 x 48 x 49.3 / 41.3 x 50.8 x 51.3 inches	50.2 x 67 x 65.4 / 57.1 x 70.1 x 68.2 inches	50.2 x 67 x 65.4 / 57.1 x 70.1 x 68.2 inches
Gas inlet / outlet	6.26 / 6.26 inches	8.62 / 8.62 inches	8.62 / 8.62 inches

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
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