

# TYR WT 0100-0730 CV/CP

Rotary lobe blowers



## Efficient

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

## Quiet

Innovative acoustic insulation concept, integrated inlet and outlet silencers

## Robust

Durable construction, contact-free operating principle, fixed bearings on drive side for perfect belt alignment, variable speed gearing

### Accessories

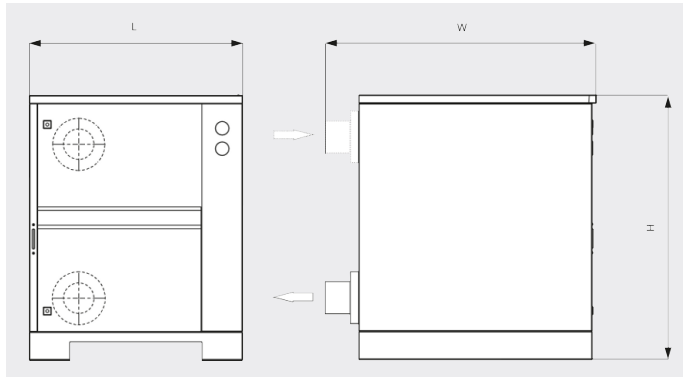
- Oil filler unit
- Non-return valve
- Vacuum regulating valve (for vacuum version)
- Rubber and stainless steel expansion joints
- Electronic filter monitoring
- Temperature monitoring device
- Oil temperature sensors
- Nickel coating of stage
- V-belt guard for versions with acoustic enclosure
- Start-up relief valve
- High-performance filter for media with elevated dust content (for vacuum version)
- Resonant pulsation silencer
- Water cooling system (water-air or water-water)
- C 4 corrosion protection version
- Acoustic enclosure (optionally with all-weather finish for outdoor applications)
- Pulsation silencer without absorption material
- Speed control unit

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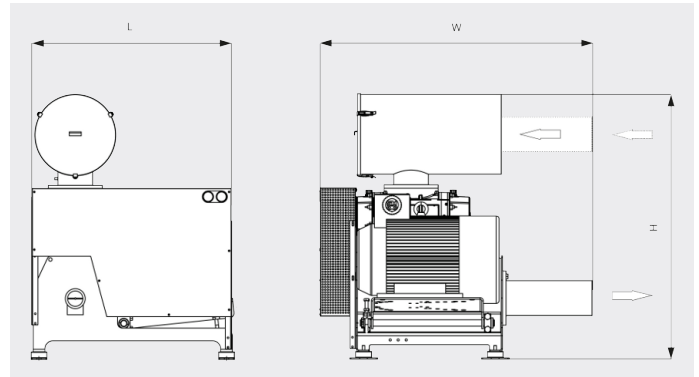
Rotary lobe blowers



Dimensional drawing



Dimensional drawing



	TYR WT 0100 CV	TYR WT 0150 CV	TYR WT 0280 CV	TYR WT 0390 CV
Volume flow	88–353 ACFM	131–530 ACFM	180–989 ACFM	251–1377 ACFM
Max. differential pressure	-375 TORR	-375 TORR	-375 TORR	-375 TORR
Nominal motor rating	1.0–30.0 HP	1.5–50.0 HP	2.0–75.0 HP	3.0–100.0 HP
Blower speed	1150–4700 RPM	1150–4700 RPM	850–4700 RPM	850–4700 RPM
Weight approx. (without/with acoustic enclosure)	397/650 Lbs.	434/688 Lbs.	763/1179 Lbs.	820/1237 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	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	6.26 / 6.26 inches

	TYR WT 0600 CV	TYR WT 0730 CV
Volume flow	424–2119 ACFM	544–2578 ACFM
Max. differential pressure	-375 TORR	-375 TORR
Nominal motor rating	5.0–125.0 HP	7.5–150.0 HP
Blower speed	750–4050 RPM	750–3550 RPM

# TYR WT 0100–0730 CV/CP

Rotary lobe blowers



TYR WT 0600 CV		TYR WT 0730 CV	
Weight approx. (without/with acoustic enclosure)	1567/2235 Lbs.	1653/2321 Lbs.	
Dimensions (L x W x H) (without/with acoustic enclosure)	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	8.62 / 8.62 inches		8.62 / 8.62 inches

	TYR WT 0100 CP	TYR WT 0150 CP	TYR WT 0280 CP	TYR WT 0390 CP
Volume flow	88–353 ACFM	131–530 ACFM	180–989 ACFM	251–1377 ACFM
Max. differential pressure	750 TORR	750 TORR	750 TORR	750 TORR
Nominal motor rating	1.0–30.0 HP	1.5–50.0 HP	2.0–75.0 HP	3.0–100.0 HP
Blower speed	1150–4700 RPM	1150–4700 RPM	850–4700 RPM	850–4700 RPM
Weight approx. (without/with acoustic enclosure)	397/650 Lbs.	434/688 Lbs.	763/1179 Lbs.	820/1237 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	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	6.26 / 6.26 inches

TYR WT 0600 CP		TYR WT 0730 CP	
Volume flow	424–2119 ACFM	544–2578 ACFM	
Max. differential pressure	750 TORR	750 TORR	
Nominal motor rating	5.0–125.0 HP	7.5–150.0 HP	
Blower speed	750–4050 RPM	750–3550 RPM	
Weight approx. (without/with acoustic enclosure)	1567/2235 Lbs.	1653/2321 Lbs.	
Dimensions (L x W x H) (without/with acoustic enclosure)	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	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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