

Blower Engineering

AIR INJECTION HIGH VACUUM EXHAUSTERS

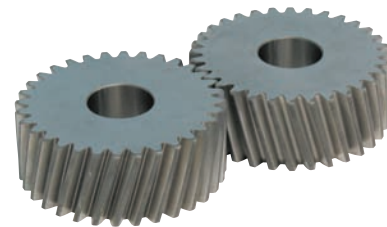
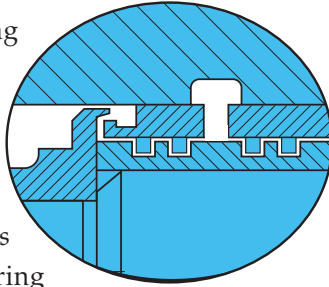


- **CAPACITIES TO
4710 ICFM**
- **VACUUM TO
25" HG.**



Design Features

- Bearings: Spherical/cylindrical roller and ball bearing combinations; minimum 100,000 hour design life.
- Tri-Lobe Rotors: Involute contoured impeller profiles for maximum efficiency.
- Impeller/Shaft Rigidity: Reduces mechanical deflection and vibration.
- Oil Seals: Simple non-wearing slinger type oil seals, provide positive sealing in both oil sumps. Unaffected by high temperatures. No shaft wear.
- Air Seals: Piston ring air seals provide dependable non-wearing operation to minimize air leakage past the shafts.
- Heavy-Duty and ribbed cast iron housing and end covers: Reduce noise levels and increase heat dissipation.
- Versatile Mounting: Horizontal or vertical airflow is easily achieved by relocating the removable mounting feet incorporated in all models.
- Splash Oil Lubrication: Assures improved bearing life and operational simplicity.
- Gas or air is delivered in an uncontaminated, oil free state.
- The unit may be coupled directly or driven by V-belts.
- Rotation of the impellers is synchronized by a pair of timing gears having helical, hardened and ground teeth.



PERFORMANCE AIR INJECTION HIGH VACUUM EXHAUSTERS STATIONARY AND PORTABLE TRUCK MOUNTED UNITS

Tri-Lobe Model	Vacuum Max *Hg	Inlet Volume CFM							
		20	100	300	600	1200	2400	3600	4800
TL 20AIHV	21	█							
TL 40AIHV	21	█	█						
TL 60AIHV	25	█	█	█					
TL 80AIHV	25		█	█	█				
TL 100AIHV	25		█	█	█	█			
TL 120AIHV	25				█	█	█		
TL 900AIHV	25					█	█	█	█

NOTE: BASED ON SEA LEVEL BAROMETER AND 68°F INLET TEMPERATURE

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