

Industrial Tank Mounted Open Scroll

2-10 HP



Amico Tank Mount Open Scroll

Say goodbye to oil contamination and hello to uncompromising air quality for your business. Our scroll compressor is designed to adapt to your needs. From laboratories to food processing, it delivers oil-free air you can trust, efficiently and quietly. Mounting the compressor on a tank allows for a compact and space-efficient installation, making it suitable for locations with limited space.

Efficient Operation

Scroll compressors are known for their high efficiency and reliability, leading to reduced energy consumption and operating costs. Experience quieter operation and less vibration all while maintaining peak performance.

Air Cooled Aftercoolers

Reduce the temperature of the air by utilizing ambient air. As the compressed air cools, moisture in the form of water vapor condenses, making it easier to remove from the system. Dry compressed air can enhance product quality by reducing the chances of water contamination, which can be especially crucial in paint spraying, food processing, and other sensitive applications. Drier air means fewer issues with water in the system, leading to less maintenance and fewer breakdowns.

ASME Receiver

All of our Air compressors are built using ASME certified receivers. ASME standards ensure the receiver is manufactured to strict guidelines, ensuring safety in its operation. It's less prone to ruptures or other catastrophic failures when operated within its rated limits. Designed for long term use and built to withstand the wear and tear of Industrial applications.

TEFC Motors

We build all our scroll compressor modules utilizing fully enclosed TEFC motors. The enclosure protects the motor windings, a critical component, from harmful contaminants in the outside environment like water, dust and high temperature while efficiently cooling and reducing motor noise. It also protects personnel from heat and high noise generated by the motor.

Intake Filters

Each compressor we build comes with intake filters built directly onto the scroll heads. Air is drawn directly from the room into the scroll through these filters ensuring clean and contaminant free air.

Controller

Our Simplex tank mount compressors come standard with a start/stop controller for easy on/off functionality.

Optional Control Panel

Value Line Control panel available upon request for UL listed magnetic starter in a NEMA 1 enclosure with full voltage motor starter with overload protection, an alternator, 120volt transformer, fused primary and secondary circuits, elapsed time indicators, and maintenance switch (left/auto/right). Control panels shall be UL 508A listed and labeled.

Optional Dryer Packages

Desiccant and Refrigerated Dryers available to meet your specific requirements. Our dryer ensures that your compressed air remains clean, dry, and free from contaminants, guaranteeing the highest product quality and system integrity.

Benefits of Air Dryer

- Moisture Removal
- Energy Efficiency
- Improved Product Quality
- Extended Equipment Life
- Consistent Air Quality
- Reduced Maintenance

Technical Specifications

System Model Number ¹	HP	Capacity (CFM) ²		System BTU/HR	Receiver Capacity (Gallons)	Noise Level	System ³ FLA (460/3/60)
		@ 120 PSIG	@ 145 PSIG				
ISN-S-02-TS	2	5.6		5,089	30	74	2.42
ISN-S-03-TS	3	8.5	7.06	7,633	30	74	3.59
ISN-S-05-TS	5	14.1		12,722	60	74	6.1
ISN-S-07-TS	7.5	24	15.5	19,083	60	74	8.67
ISN-S-10-TS	10	32	24	25,444	80	74	12

¹ Specify Scroll pressure rating 120 / 145

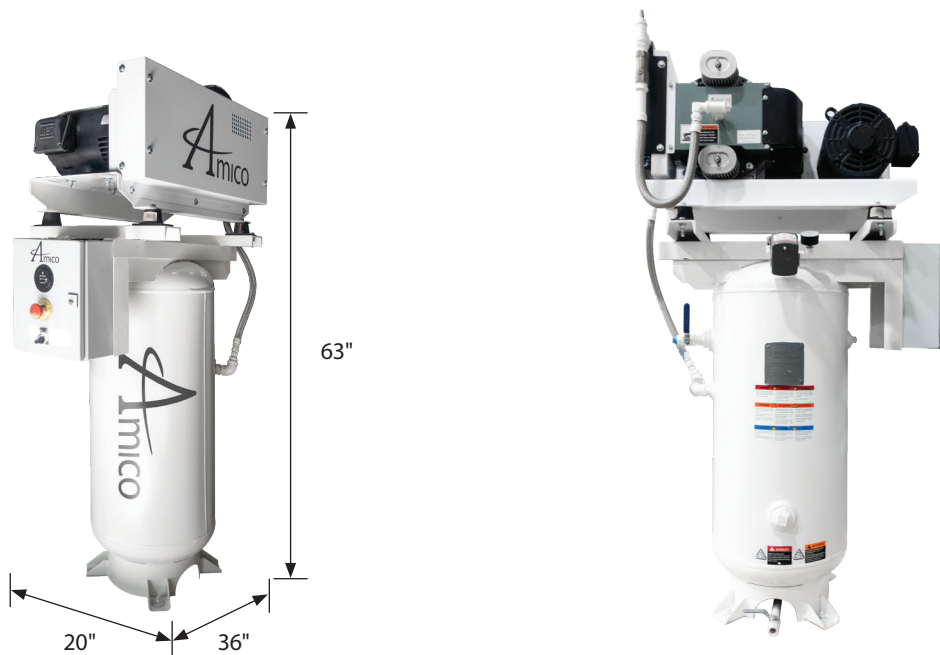
² Receiver sizes available are 30G-80G for this configuration

³ System FLA subject to change based on voltage required (If different from above)

Normal operating conditions at a maximum ambient of 105° F. Consult Amico for higher ambient conditions.

Normal operating conditions at a standard elevation. Consult Amico for higher elevation.

Dimensions



NOTES:

- For maintenance and ventilation of the system, Amico recommends 2 ft (24 in) minimum clearance on all sides, and 3 ft (36 in) in front of the control panel.
- Steel plates and vibration pads shipped loose for field installation.