

**Description:**

AIRTECH tank mounted central vacuum systems are designed for general vacuum applications as well as a central system for laboratories. The fully automated system is built on a horizontal ASME coded receiver, but can be manufactured on a vertical receiver to save space.

All systems are completely factory assembled, tested, pre-wired and pre-plumbed with automatic alternating controls. Lead/lag operation provides vacuum on demand as required, to lower operating costs.\*

Tank mounted systems consist of:

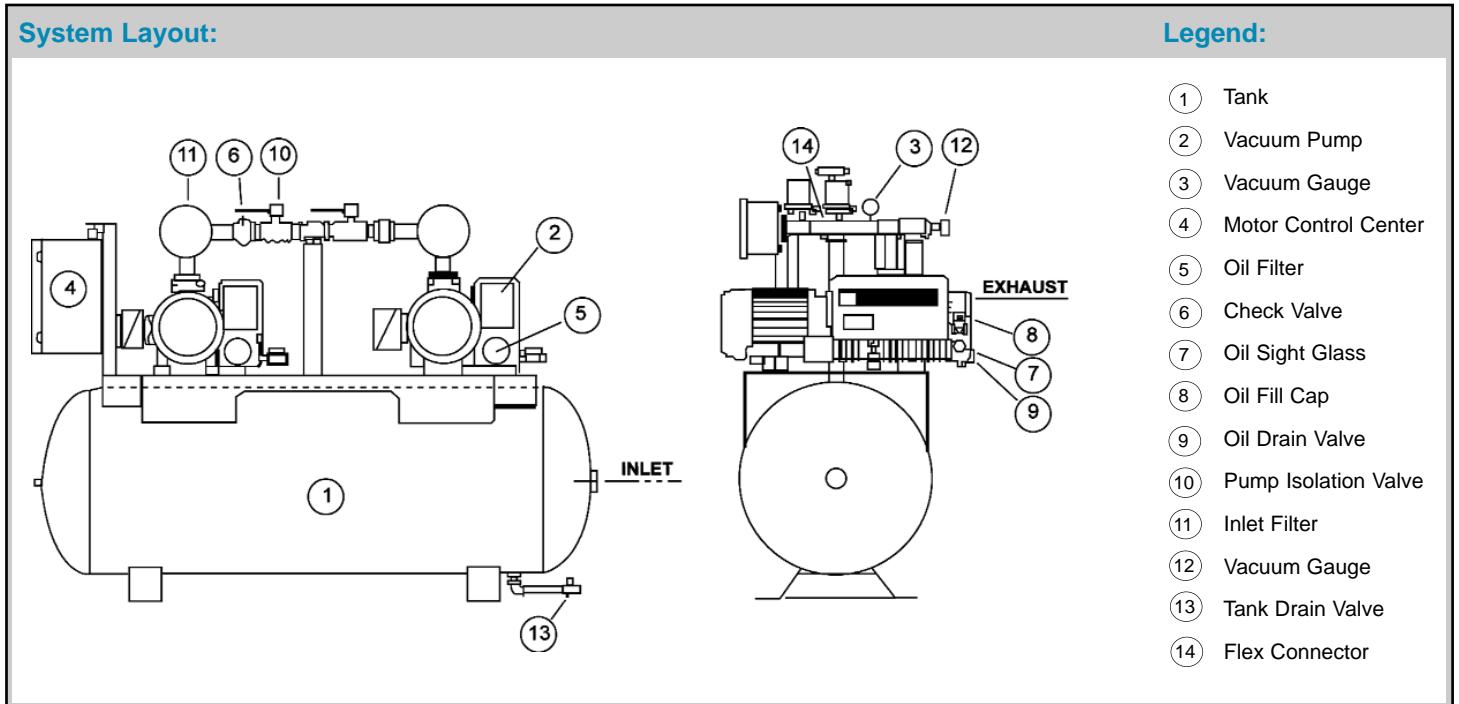
- AIRTECH rotary vane vacuum pumps with direct coupled TEFC motors
- ASME coded receivers
- Isolation valves
- Check valves
- Flexible connectors
- Vibration isolators
- Inlet filters
- Vacuum gauges
- UL approved control panel with thru-the-door disconnects.\*

Laboratory Systems (LCS) include a purge assembly and timer for each pump to cleanse the gases prior to shutdown. This feature helps eliminate condensation of gases as the pump cools.

*\*Control panels are also available with programmable controller with plug-in EEPROM module.*

**SCS-L100-2TAN****Features:**

- Air-cooled standard (water cooled available)
- Auto purging on laboratory systems
- Automatic alternation to facilitate even pump wear
- Redundancy will eliminate downtime
- Lower operating and energy costs
- Capacities available from 15 CFM to 360 CFM
- Ultimate vacuum level-2 torr (29.8"Hg)
- Vertical tank mounted available up to duplex 5 HP
- Low vacuum alarm (optional)
- NFPA 99 compliant available



**Specifications:**

SCS Standard Central System		LCS Laboratory Central System			
Model #	Model #	CFM	HP	Tank Size	
<b>Simplex Systems</b>					
SCS-L25-1TAN	LCS-L25-1TAN	21	1.5	80	
SCS-L40-1TAN	LCS-L40-1TAN	31	2.0	80	
SCS-L63-1TAN	LCS-L63-1TAN	45	3.0	120	
SCS-L100-1TAN	LCS-L100-1TAN	70	5.0	120	
SCS-L160-1TAN	LCS-L160-1TAN	112	5.0	200	
SCS-L230-1TAN	LCS-L230-1TAN	155	7.5	200	
SCS-L250-1TAN	LCS-L250-1TAN	180	10.0	200	
<b>Duplex Expandable Systems</b>					
SCS-L25-2TAN	LCS-L25-2TAN	21	1.5	80	
SCS-L40-2TAN	LCS-L40-2TAN	31	2.0	80	
SCS-L63-2TAN	LCS-L63-2TAN	45	3.0	120	
SCS-L100-2TAN	LCS-L100-2TAN	70	5.0	120	
SCS-L160-2TAN	LCS-L160-2TAN	112	5.0	200	
SCS-L230-2TAN	LCS-L230-2TAN	155	7.5	200	
SCS-L250-2TAN	LCS-L250-2TAN	180	10.0	200	