

VANZANDT

CONTROLS, LLC



Our Compressor Partners

Schneider
Electric

IR Ingersoll Rand

The New Standard In Automated Compression

Important features of this Ingersoll Rand Compressor Package (standard with no automation):

- True HP rated compressor. Not a higher HP rated duty cycle.
- Electronic timer controlled condensate drain factory installed.
- Air cooled after-cooler that causes entrained water vapor to fall out of suspension before the air enters the customer's system. Also cools the compressed air down to a temperature that the dryer can manage.
- Low oil level shutoff switch factory installed on the compressor pump.
- NEMA 4 weatherproof electrical enclosures. No additional structure will need to be built around this unit. Units from the hardware store are not rated to be outside in the weather.
- Totally Enclosed, Fan Cooled (TEFC) weatherproof motors.
- The desiccant dryer will provide a -40F dew point temperature. There should not be any concerns about issues related to "wet air" downstream of this dryer.
- True dedicated motor starter (does not use the pressure switch as the main contactor).
- Redundant backup compressor or duplex package available.

VanZandt Controls, LLC
vanzandtcontrols.com

Odessa, TX
13409 WCR 132
432-242-8000

Hobbs, NM
905 North Grimes Street
575-942-2671

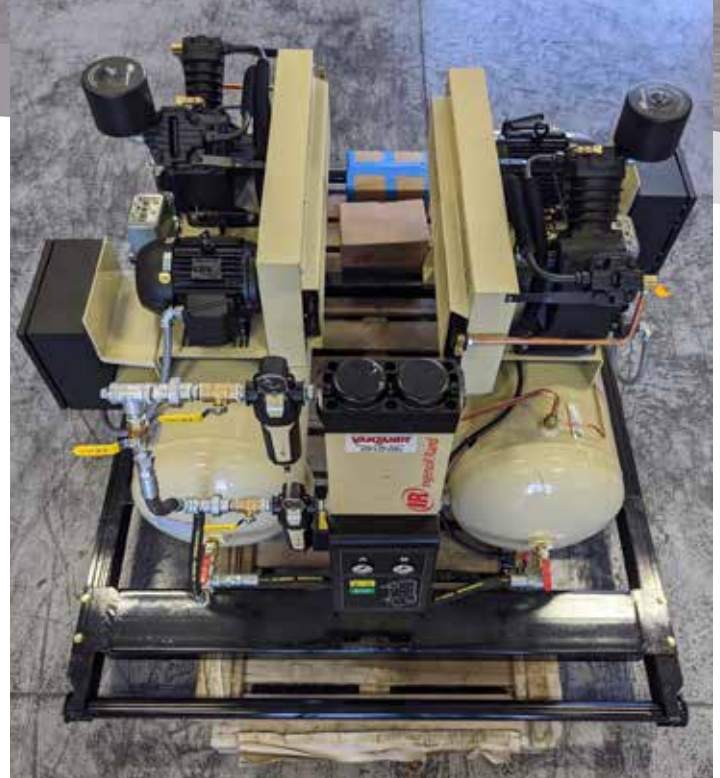
Tulsa, OK
8278 South Regency Drive
918-216-1058

Canyon, TX
700 Hwy 60 POB 1056
806-655-9367

Houston, TX
5115 Ashbrook Drive
713-664-2918

San Antonio, TX
3031 Interstate Drive
210-693-0430

The VZ Automated Compressor Package



Features of the VZ Automated Compressor:

- Scada Pak PLC provides a robust control logic to control the compressor as efficient as possible. Sending alarms out with compressor issues, eliminating switch chattering by running through PLC, capturing run time, alternating compressor heads giving longer compressor life.
- Automated bypass so if dryer loses power it will bypass keeping your facility running and send an alarm.
- Differential pressure transmitter monitors dryer to give status and to let you know when dryer needs to be serviced.
- Smart pressure transmitters monitor tank pressure and eliminate outdated pressure switches. Turning on and off compressors, providing local pressure indication, sends pressure to PLC to control and monitor tanks and motors.
- Auto drain solenoids give local timer to allow operator to adjust how often and for how long tanks need to drain to eliminate fluid buildup.
- Having this automated system gives you the ability to monitor the compressor, give alarms, chart and graph readings for predictive analysis. Also helps maintenance by having the ability to see issues with compressors. You can setup parameter's in PLC to give alarms to see when compressors are starting to have issues.
- Additional options available are HMI's, battery backup for pressures and compressor status, and reservoir tanks.
- Several different sizes of compressors available.
- Additional volume tanks available.



THE VANZANDT COMMITMENT



1st to Quote



1st to Deliver



Reliable Service