

TESCORP INSTRUMENT AIR TIA-G DUPLEX SERIES

Flow capacities 16.5 to 109 ICFM
 Horsepower ratings 5 to 30
 Pressure rating 125 to 150 PSIG



TESCORP “TIA-G” Series systems are designed and constructed for application to meet the rugged and harsh oilfield requirements for a continuous “instrument quality” air supply with 100% redundancy for critical operation. Designed and constructed with the Atlas Copco “G Series” Oil Flooded Rotary Screw compressor in a duplex 100% redundant configuration, the TESCORP TIA-G series provide continuous air supply with the capabilities to supply 200% flow rates upon demand.

TESCORP TIA-G Series Instrument Air Units are constructed per the following:

- Two (2) Atlas Copco “G Series Oil Flooded Rotary Screw Compressors
- One (1) Atlas Copco CD+ “Heatless Regenerative “Dryer rated -40°F Dewpoint
- One (1) “Wet Air” air receiver
- One (1) “Dry Air” air receiver
- One (1) Automatic electronic “no loss” condensate drain valve
- Inter-connecting piping, valves, gauges and relief valves
- Common electrical connection box with circuit breakers and control transformer
- Weatherproof protection on all electrical components

TIA-G Model Number	Horsepower	Air Capacity (ICFM) 125 Psi / 150 Psi	Wet Air Storage	Dry Air Storage
TIA-G-5 D	5 Hp	16.5 @ 145 Psi	120 Gallon	120 Gallon
TIA-G-7.5 D	7.5 Hp	21.2 @ 145 Psi	120 Gallon	120 Gallon
TIA-G-10 D	10 Hp	40.2 / 35.8	120 Gallon	120 Gallon
TIA-G-15-D	15 Hp	56.3 / 51.5	120 Gallon	120 Gallon
TIA-G-20-D	20 Hp	84.7 / 76.5	200 Gallon	200 Gallon
TIA-G-25-D	25 Hp	106.3 / 92.1	200 Gallon	200 Gallon
TIA-G-30-D	30 Hp	109.3 / 05.3	200 Gallon	200 Gallon

Price available upon request.

Application graphs and drawings available separately.