

TESCORP INSTRUMENT AIR TIA-GA DUPLEX SERIES

Flow capacities 24.7 to 530 ICFM x2

Horsepower ratings 7.5 to 125

Pressure rating 125 to 150 PSIG



TESCORP "TIA-GA" 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 "GA Series" Oil Flooded Rotary Screw compressor in a duplex 100% redundant configuration, the TESCOCORP TIA-G series provide continuous air supply with the capabilities to supply 200% flow rates upon demand.

TESCORP TIA-GA 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

TESCORP INSTRUMENT AIR UNIT MAJOR COMPONENTS						Wet Air	Dry Air
Volume @ 150 PSI	Horsepower	Compressor Model	PreFilter	After-Filter	Heatless Dryer	Receiver	Receiver
24.7 ICFM	7.5	GA5-150AP	Included		CD+10	60 Gal	60 Gal
36.3 ICFM	10	GA7-150AP	Included		CD12+	60 Gal	60 Gal
52.5 ICFM	15	GA11+150AP	Included		CD+22	60 Gal	60 Gal
83.5 ICFM	20	GA15+150AP	Included		CD35	80 Gal	80 Gal
101.3 ICFM	25	GA18+150AP	Included		CD35	80 Gal	80 Gal
120.6 ICFM	30	GA22+150AP	Included		CD45	120 Gal	120 Gal
142.9 ICFM	35	GA26+150AP	Included		CD55	120 Gal	120 Gal
174.0 ICFM	40	GA30-150AP	Included		CD65	120 Gal	120 Gal
204.0 ICFM	50	GA37-150AP	Included		CD90	120 Gal	120 Gal
250.0 ICFM	60	GA45-150AP	Included		CD90	200 Gal	200 Gal
300.0 ICFM	75	GA55-150AP	Included		CD110	200 Gal	200 Gal
401.0 ICFM	100	GA75-150AP	Included		CD165	200 Gal	200 Gal
530.0 ICFM	125	GA90-150AP	Included		CD195	400 Gal	400 Gal

Price available upon request.
Application graphs and drawings available separately.