

# TESCORP INSTRUMENT AIR TIA/SA-QR DUPLEX SERIES

Flow capacities 27.5 to 88.8 ICFM x2

Horsepower ratings 10 to 25

Pressure rating 240 PSIG



TESCORP “TIA/SA-QR” Series systems are designed and constructed for a dual application to supply both compressor high pressure starting air and then supply the site with instrument air. With a duplex compressor arrangement, the combined volumes allow large capacity air supply for the engine starting application and then 100% standby capacity of field instrument air needs. Designed and constructed with the Quincy pressure lubricated reciprocating compressor in a duplex 100% redundant configuration, the TESCOP TIA-QR series provide continuous air supply with the capabilities to supply 200% flow rates upon demand.

## TESCORP TIA/SA-QR Series Instrument Air Units are constructed per the following:

- Two (2) Quincy “QR-25 Series HP (High Pressure)” pressure lubricated, two-stage reciprocating compressors rated @ 250 Psig.
- One (1) Quincy QMOD “Heatless Regenerative” dryer rated -40o 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/SA-QR Model Number	Horsepower	Air Capacity (ICFM) @ 240 Psi	Wet Air Storage	Dry Air Storage
TIA/SA-QR-10 D	10 Hp	27.5 lcfm x 2	120 Gallon	120 Gallon
TIA/SA-QR-15-D	15 Hp	41.5 lcfm x 2	200 Gallon	200 Gallon
TIA/SA-QR-20-D	20 Hp	58.5 lcfm x 2	200 Gallon	200 Gallon
TIA/SA-QR-25-D	25 Hp	88.8 lcfm x 2	200 Gallon	200 Gallon

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