

# TESCORP INSTRUMENT AIR TIA-QR DUPLEX SERIES

Flow capacities 17.4 to 90.4 ICFM

Horsepower ratings 5 to 25

Pressure rating 175 PSIG



TESCORP “TIA-QR” 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 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-QR Series Instrument Air Units are constructed per the following:

- Two (2) Quincy “QR-25 Series” pressure lubricated, two-stage reciprocating compressors
- One (1) Quincy QMOD “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-QR Model Number	Horsepower	Air Capacity (ICFM) @ 175 Psi	Wet Air Storage	Dry Air Storage
TIA-QR-5 D	5 Hp	17.4 Icfm	120 Gallon	120 Gallon
TIA-QR-7.5 D	7.5 Hp	26 Icfm	120 Gallon	120 Gallon
TIA-QR-10 D	10 Hp	33.4 Icfm	120 Gallon	120 Gallon
TIA-QR-15-D	15 Hp	49.3 Icfm	200 Gallon	200 Gallon
TIA-QR-20-D	20 Hp	67 Icfm	200 Gallon	200 Gallon
TIA-QR-25-D	25 Hp	90.4 Icfm	200 Gallon	200 Gallon

Price available upon request.

Application graphs and drawings available separately.