



COMPRESSOR / DRYER / VESSELS

AF300B

The Air Compressor Receiver and Dryer (AF300B) compresses, stores and delivers clean, dry compressed air for the Intermittent Supersonic Wind Tunnel.



KEY FEATURES

- High power compressor to quickly fill the air vessels
- 3 x 500 litre air vessels
- Isolate one air vessel for quicker recharge time
- Dryer to eliminate excess moisture for improved results and to improve product life



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DESCRIPTION

The Air Compressor Receiver and Dryer (AF300B) compresses, stores and delivers clean, dry compressed air for the Intermittent Supersonic Wind Tunnel. It has a compressor, storage tanks (air receivers), dryers and filters to clean and remove moisture from the air. The apparatus is a complete air service package suitable for use with the AF300 Intermittent Supersonic wind Tunnel.

ANCILLARY FOR

- Intermittent Supersonic Wind Tunnel (AF300)

STANDARD FEATURES

- Supplied with comprehensive user guide
- Five-year warranty
- Manufactured in accordance with the latest European Union directives
- An ISO 9001 certified company

ESSENTIAL SERVICES

FLOOR SPACE NEEDED:

1000 mm x 4500 mm

ELECTRICAL SUPPLY (SPECIFY ON ORDER):

3 Phase, 15KW, 415V AC, 50Hz, 35Amp

OR

3 Phase, 15KW, 220V AC, 60Hz, 63Amp

OPERATING CONDITIONS

OPERATING ENVIRONMENT:

Laboratory

STORAGE TEMPERATURE RANGE:

-25°C to +55°C (when packed for transport)

OPERATING TEMPERATURE RANGE:

+5°C to +40°C

OPERATING RELATIVE HUMIDITY RANGE:

80% at temperatures < 31°C decreasing linearly to 50% at 40°C

SPECIFICATIONS

TecEquipment is committed to a programme of continuous improvement; hence we reserve the right to alter the design and product specification without prior notice.

NETT DIMENSIONS AND WEIGHT:

VESSELS (EACH WITHOUT PRESSURE RELIEF VALVE FITTED):

600 mm (diameter), 2055 mm height

153 kg (weight)

FILTER, DRYER:

920 mm (width), 230 mm (depth), 900 mm (height), 45 kg (weight)

COMPRESSOR:

1080 mm (length), 670 mm (width), 1100 mm (height) 220 kg (weight)

LARGE DIAMETER MANIFOLD AND HOSE:

1900 mm (length), 360 mm (depth), 130 mm (height), 14 kg (weight)

SMALL DIAMETER MANIFOLD AND TWO HOSES

1900 mm (length), 300 mm (depth), 130 mm (height), 10 kg (weight)