

# STORAGE TYPE AIR START UNIT



ISO 9001 : 2008 Company



- The airflow is automatically adjusted to cater to any type / capacity of aircraft to be started.
- Compact and highly reliable.
- Accessible for easy maintenance.
- Steady/reliable pressure regulation through Fisher make regulators.
- Walk Away - Protection and Control (Un attended Operation)
- Accurately regulated output pressure
- Built with highest safety standards and incorporates standby safety system.

The most reliable Aircraft GSE on earth from AIR+MAK, USA

## FUNCTIONAL ASPECTS

The compressor is motor driven, with AC mains input, 230/460 VAC, 3 phase, 50/60 Hz.

## OPERATING PARAMETERS

Discharge pressure : 32 to 42 psig

Output air temperature : Ambient temp.

### a. Compressor unit

Make : Ingersoll- Rand, air-cooled with splash lubrication.

Maximum Delivery Pressure : 550 PSIG (38 BAR)

### b. Receiver

Storage capacity : 840 / 1200 / 1600 US GAL.

Klocking pressure : 600psig.

Design temperature : 100° C (max.)

Radiography : 100%

Water drainage : Manual - through Ball Valve installed at receiver bottom.

### c. Electrical

AC main supply to motor : 230/460 VAC, 3 ph., 50/60 Hz. (Only for Motor driven units)

## METERING, PROTECTION AND OPERATING CONTROLS

### a. COMPRESSOR UNIT

#### 1. Metering

- Pressure gauge (for outlet air pressure).

#### 2. Protection

- Safety valves & Pressure switch

#### 3. Operational Controls

- Starter panel for motor.
- Operating valve for aircraft starting.

### b. RECEIVER UNIT /OUTPUT

#### 1. Metering

- Pressure gauge (for stored air).
- Pressure gauge (for output air).

#### 2. Protections

- Safety relief valve for receiver.
- Safety valves for output air.

#### 3. Controls

- Shut-off valve (for output air).
- Pressure switch (for compressor unloading)
- Pressure regulating valve.

#### 4. Output hose

- Standard 30ft hose with aircraft coupling

## OPTIONS

1. Drier between the compressor output and the receiver inlet.
2. Regulator, air hose with quick release coupling for auxiliary air system to power pneumatic tools.
3. Compressor driven by Gasoline or Diesel Engine.
4. Extra lengths and quantity of Output hoses.
5. Separate charging stations with compressor and controls.

\* Due to continuous development, the dimensions, layout, configuration and specifications are subject to change without notice.

Note : For more details, Please contact us.

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