

Automatic Digital Tyre Inflator “Accuflator 308”

User’s Manual



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SAFETY PRECAUTIONS

This product can be dangerous if not used correctly.

It is advised that the setting for Tyre pressure must not exceed the value recommended by the Tyre/Vehicle manufacturer. Incorrect setting may cause a tyre to be over inflated, and could cause injury.

It is strongly recommended that persons involved in the installation, start up, maintenance, and operation of this equipment must read and understand the complete operating manual.

It is advised that though the equipment is designed for automatic operation, the operator must be vigilant about any abnormal operation, and if suspected, the cause of the abnormality must be investigated and rectified before use again.

The manufacturer owes no liability for any damages direct or incidental caused during the use of this equipment.

This equipment is exclusively approved for dispensing of Air or inert gas only.

Local safety and accident prevention rules/guidelines must be followed in all cases while operating or installing this equipment.

This equipment must not be used in hazardous areas having explosive gas mixtures.

INSTALLATION

This equipment is suitable for indoor wall mount installation. For outdoor installations, it must be installed inside a suitable Cabinet/Air Tower/pedestal/console etc.

Connect Compressed Air to the port marked "Inlet" . User must ensure that the compressed Air entering the unit is free of moisture and dirt by installing a suitable Air Filter in the Air line.

Connect the outlet hose with the Tyre connector to the port marked "Tyre"

For efficient operation, the minimum Air supply must be at least 50 psi above the setting required.

Inlet Air supply pressure must not exceed 200 psi.

Connect the DC power pin to the socket provided at the bottom of the equipment , and power up the adaptor by plugging into a 220V Ac supply.

STARTUP & OPERATION

Startup

Make sure the inlet compressed Air is on.

Turn the power on.

Wait till the setting pressure display shows the setpoint, and Tyre pressure shows 0.

The unit is now ready for operation.

Setting the desired pressure

The set pressure desired in the Tyre can be set thru UP/Down keys on the front of the equipment. At set pressure of 40, the Up button is locked as a safety feature. Press Accept key once to unlock the Up button, and proceed again to increase it beyond 40 if required.

The equipment will revert back to safe setting of 25 if it is not in use for 2 minutes. This is a safety feature.

Operation

Partially Filled Tyre

Press the Tyre connector to the Tyre Inlet Valve, keeping it pressed tightly.

In case a tyre has more than 2 psi pressure, then the unit starts automatic operation as soon as the Tyre is connected. The unit starts inflating the Tyre, giving intermittant beeps, and the increasing Tyre pressure can be seen on the Tyre pressure Display.

Keep the Tyre Connector pressed firmly on the Tyre Inlet Valve till the set pressure is achieved.

When this happens, the unit gives out long Beep. Disconnect Tyre connector from the Tyre when long beep indicates set pressure achieved.

If the unit indicates “----” on the Tyre Display, it indicates that the Tyre connector is not properly connected to the Tyre inlet valve, and air is not entering the Tyre.

In case the Tyre connector is disconnected from the Tyre while inflating, the automatic operation is aborted displaying “----” on the Tyre pressure display.

Empty Tyre

In case of an empty or nearly empty tyre, press Start/Stop button once after you set the desired pressure.

The unit starts giving out Air supply to the Tyre Connector Hose, beeping intermittently indicating that the Tyre connector should now be connected to the Tyre. At this Time the Display shows inlet pressurevalue , and the display on set pressure display is ILP.

After some time, the beeps become faster, warning that little time is left before the operation is aborted if no Tyre connection is found.

The unit then gives out a few blasts into the Tyre connector. If by that time , the Tyre was connected to the inflator, then the unit starts automatic operation, and then inflates or deflates the Tyre to the desired pressure.

TROUBLESHOOTING

If the unit has become sluggish or slow in inflating, then check inlet hose for clogging.

This equipment is designed to indicate abnormalities normally encountered.

The bottom display indicates "HELP" in such a case.

The Top display indicates the Type of abnormality due to which the unit has stopped.

LOP(Low Pressure) :

Inlet pressure is low, not sufficient to inflate the tyre to the setting desired

Remedy : Increase inlet Pressure. Press Accept button ,and resume operation

E1 (Error No.1) :

Transducer related fault. Stop using the equipment.

Contact service provider or manufacturer.

NOTES: