

DRAPER[®]

INSTRUCTIONS FOR 'Hi-Flo' Air Line Gauges

Stock Nos. 30586
30587

Part Nos. ALG33
ALG34

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS PRODUCT.



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GENERAL INFORMATION

These instructions accompanying the product are the original instructions. This document is part of the product, keep it for the life of the product passing it on to any subsequent holder of the product. Read all these instructions before assembling, operating or maintaining this product.

This manual has been compiled by Draper Tools describing the purpose for which the product has been designed, and contains all the necessary information to ensure its correct and safe use. By following all the general safety instructions contained in this manual, it will ensure both product and operator safety, together with longer life of the product itself.

All photographs and drawings in this manual are supplied by Draper Tools to help illustrate the operation of the product. Whilst every effort has been made to ensure the accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.



SPECIFICATION

Stock nos. 30586, 30587
 Part nos. ALG33, ALG34
 Minimum operating air pressure..... 6.9 bar/100lbf-in²/100PSI
 Maximum operating air pressure..... 16.0 bar/218lbf-in²/232PSI
 Pressure range†..... 0-9.6 bar/0-138lbf-in²/0-139PSI
 Air inlet..... 1/4" BSP
 Hose length (approx.)..... 0.5M
 Accuracy..... EC directive (only bar scale approved)

FOR USE IN VEHICLE WORKSHOPS AND TYRE FITTING BAYS. NOT RECOMMENDED FOR USE ON AIRCRAFT TYRES

ALWAYS WEAR SAFETY GOGGLES AND EAR DEFENDERS

†Gauge marked in lbf-in² & BAR



ASSEMBLY

- **WARNING:** There is a risk of being injured by whipping air hoses. **WHIP HOSE**

To connect the air line gauge to an air line a 1/4" BSP male thread whip hose† will be required. Wind a length of PTFE tape†† around the thread before securing the hose in place. The connection must be tight for an airtight union.

† Draper Stock No.54438.

†† Draper Stock No.63389.

- **IMPORTANT:** Prior to installation of the air line gauge ensure the air supply line is clear and drain off the compressor tank and pipework. Connect the air line gauge to a pressure vessel (tyre) and actuate the calibrated indicator assembly approximately 10 operations up/down scale.

MODEL No.	DESCRIPTION	PART No.	STOCK No.
ALG33	Hose & connector ass'y	YRHA2121	30769
ALG34	Hose & connector ass'y	YRHA2122	30770
ALG33	Twin hold connector	YC01A03	30771
ALG34	Single clip-on connector	YC02E03	30773
ALG33/34	Valve ass'y	YSAS4115	30764

- **ACCURACY: (EC DIRECTIVE 86/217)**

This air line gauge has been calibrated in its normal working position on test equipment with an accuracy that is traceable to the UK National Standard through the National Physical Laboratory Reference 08010/C4/1/P383 via a system of calibration which includes the Dead Weight Tester, Serial No.4361, Piston Unit No.:A890. Dead Weight Tester calibrated by UKAS Laboratory No: 0221.



OPERATING INSTRUCTIONS

- **AIR SUPPLY:**

Tools in the range generally operate at a maximum pressure of 16 bar (see specifications) and this should be controlled via a combined regulator/water separator such as the Draper 4222/4 unit which with proper maintenance will ensure a constant supply of dry air at all times. See Fig.1. Always check tool operating pressure before use.

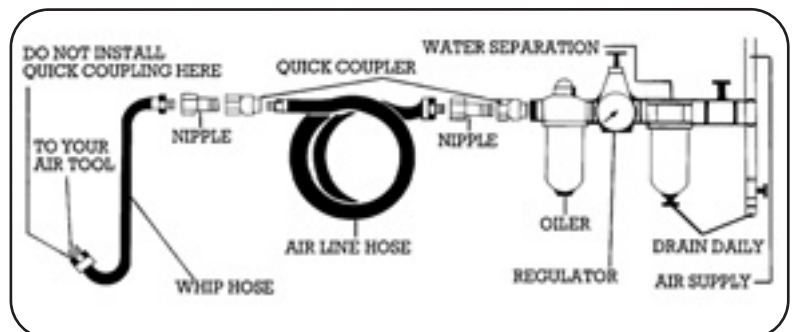
Water in the compressor tank will cause serious corrosion to your air tools and should be drained daily to avoid excessive water in your air supply. Dirty wet air rapidly shortens the life of your air tool.

If you are using an air tool on a hose over 25ft. long it is advisable to increase the bore of the hose to the next larger size available ie. 1/4" increases 3/8". This will ensure adequate pressure and volume of air to power the tool.

- **OPERATION (Fig.1):**

Air tools without inbuilt regulators vary the pressure on your air supply regulator. Push or clip the connector accordingly over the valve to take the pressure reading. To inflate, fully depress the trigger and release to take the new pressure reading. To deflate, slightly depress the trigger. Air will be heard to be escaping while this position is maintained. To retake the new pressure reading press trigger fully once and release. Remove connector from valve and replace valve cover if applicable.

- **NOTE:** Observe manufacturer's inflation levels. Do not use on toy inflatables as damage will occur.



GUARANTEE

Draper tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship for 6 months from the date of purchase except where tools are hired out when the guarantee period is ninety days from the date of purchase.

Should the machine develop any fault, please return the complete tool to your nearest authorized warranty repair agent or contact Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF. England. Telephone (023) 8049 4344.

A proof of purchase must be provided with the tool.

If, upon inspection it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accident, or repairs attempted or made by any persons other than the authorized Draper warranty repair agent.

Note: If the tool is found not to be within the terms of warranty, repairs and carriage charges will be quoted and made accordingly.

This guarantee applies in lieu of any other guarantee expressed or implied and variation of its terms are not authorized.

Your Draper guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the guarantee period.

Please note that this guarantee is an additional benefit and does not affect your statutory rights.



GENERAL SAFETY RULES FOR AIR TOOLS PRODUCTS

Always keep your air tool clean and lubricated. Daily lubrication is essential to avoid internal corrosion and possible failure.

Always wear safety goggles or glasses.

Always ensure product is switched off before connecting to air supply.

Do not wear watches, rings, bracelets or loose clothing when using air tools.

Do not increase the air pressure above the manufacturer's recommended level, as excessive overload can cause the machine casing to split. Also this creates excessive wear on moving parts and possible failure.

Do not use as an air blow gun.

Do not aim compressed air at people or animals

WARNING:

Do not aim compressed air onto body or skin.