

BADGER AIRBRUSHES - AIR SUPPLY & COMPRESSORS

THE VITAL INGREDIENT - When making a decision about which airbrush to buy, another major decision you will have to make is the type of air source you are going to use to power it. There are three major types of air source employed to power an airbrush - compressor, rechargeable reservoir (such as a rubber tyre) and an aerosol containing propellant.



The five main factors to take into consideration when deciding is the best system for you are:

- Initial Cost
- Efficiency
- Present and
- Running Costs
- Noise
- Eventual Needs

Airbrush Propellant

Excellent starting air source or alternative short usage air source for use with all types and makes of airbrush.

Available in three sizes:

- M25 - 250ml
- M50 - 500ml
- M75 - 750ml



BA50200 Propellant Regulator

Made of high impact nylon, with metal parts. Adjusts propellant can pressure from 10 to 50 PSI pressure. Control allows for finer adjustments of spray patterns. Prolongs life of propellant.



Yellow - CP0050

Newest addition to the range, this compressor is ideally suited for use with gravity and bottom feed airbrushes with either fine or medium needles.

- 2.0 cfm
- 40 PSI



Grey - CP0375

For professional performance with low-noise level, this compressor features a reserve tank (in the handle), water escape valve, manometer safety valve, oil-level indicator and overheat protection.

- 0.7 cfm
- 85 PSI



Compressors

In very simple terms, compressors, although initially expensive, in the long term provide the cheapest constant source of air, in the most efficient manner. (Refer to charts below and on next page for suitability and technical specification).

Aerosol Propellants

On the other hand, you may only be thinking of using an airbrush occasionally, in which case aerosol cans could be the answer for you. As well as being quiet in use, they are transportable and do not require a power source.

Quite often, users prefer to see how serious they are about airbrushing in the first place by starting with aerosols, and then move on to compressors when convinced that they are not dealing with a five minute wonder!

All the kits featured in this catalogue with aerosol cans and vinyl hoses, can be upgraded to work with compressors at a later date.

Rechargeable Reservoir

Finally, the high pressure reservoir, such as a spare tyre (fitted to a wheel), could be cheap to obtain, but possibly not the most acceptable accessory to have lying around a workshop, kitchen, bedroom or wherever you would be carrying out your airbrushing.

Spare Tyre Adaptor - BA50029

To use a spare tyre for pressure, insert the adaptor into the propellant regulator valve (50-200) and attach to spare tyre.

Note: tyre must be on a rim and inflated to 40lbs of air pressure.



Orange - C45DC

Well-built, robust work-horse of a compressor which is well suited to the entire range of airbrushes within this catalogue.

- 2.5 cfm
- 55 PSI



Grey - Pro - CP0400

The ultimate in small compressors for professional and serious enthusiast use. Features as 'Grey', with the addition of automatic cut-off. Powers two airbrushes (with adaptor).

- 0.7 cfm
- 85 PSI



Hose Fitting Adaptor

All the compressors featured on this page are supplied with the correct adaptor for connection to our air hoses. For longer jobs and prolonged spraying we recommend the use of braided hoses. Hose fitting adaptors can be bought separately.

BA50/0231

For non tank mounted diaphragm compressors.



BA50/023

For compressors with reservoir tanks.

Compressor Type	Inlet Flow Rate L/min-cfm	Noise Db/A	Pressure Bar - PSI	Dimensions cm / inches	Power Watts/ Amps	Tank Capacity Lit/Gal	Weight Kg/lbs	Reference
YELLOW	50 - 2	55	2.5 - 40	15 x 26 x 21 0.59 x 1.02 x 0.82	170 - 1.16	-	5.5 - 2.5	CP0050
ORANGE	70 - 2.5	60	4 - 55	17 x 26 x 23 6.69 x 10.24 x 9.05	220 - 1.4	-	5.4 - 11.9	C45DC
GREY	17 - 0.7	30	6 - 85	20 x 40 x 39 7.87 x 15.74 x 15.35	135 - 0.96	1 - 0.4	13 - 28.6	CP0375
GREY-PRO	17 - 0.7	30	6 - 85	20 x 46 x 31 7.87 x 18.11 x 12.2	135 - 0.96	1.5 - 0.6	14 - 30.8	CP0400

Airbrush Model No	Type	Needle Size	Yellow	Orange	Grey	Grey- Pro
250 Series (Spray Guns)	Bottom Feed	-	☆	☆☆☆	☆☆☆	☆☆☆
200 Series	Gravity Feed	Fine	☆☆☆	☆☆☆	☆☆☆	☆☆☆
		Medium	☆☆☆	☆☆☆	☆☆☆	☆☆☆
200 Series	Bottom Feed	Fine	☆☆	☆☆☆	☆☆☆	☆☆☆
		Medium	☆☆	☆☆☆	☆☆☆	☆☆☆
		Heavy	☆☆	☆☆☆	☆☆☆	☆☆☆
155 Series	Bottom Feed	Universal	☆☆	☆☆☆	☆☆☆	☆☆☆
175 Series	Bottom Feed	Fine	▲	☆☆☆	☆☆☆	☆☆☆
		Medium	▲	☆☆☆	☆☆☆	☆☆☆
		Heavy	▲	☆☆☆	☆☆☆	☆☆☆