

DECORATOR'S SUNDRIES / COMPRESSORS

LINING PAPER & WALLPAPER ADHESIVES

Lining Paper

This handy pack of economically priced continental filling blades is made up of 4 different width blades.

Roll length x width: 10.05 m x 560 mm.



code	Type	box qty	price	20+
PBR6F800	F800	20rolls	£2.89	£2.50
PBR6F1000	F1000	20rolls	£5.45	£4.90

Wallpaper Paste

Wallpaper paste! Mix briskly for 20 seconds with cold water, leave for 90 seconds, stir thoroughly then it's ready to use. 1 box hangs up to 30 rolls of wallpaper. In case you weren't aware, wallpaper paste is actually a starch based glue so actually quite a sustainable choice....



code	price
ADHSLVDECBOX	£11.15

Peel

A revolutionary product which allows wall coverings to be removed from a wall without soaking or scraping. Coat the walls with Peel before you hang your paper and when you redecorate the old paper pulls off in complete lengths. Ideal for TV, theatrical and display applications where frequent decoration is necessary. Also see also Peelable Paint [page 72] and Mask It [page 296].



code	volume	5L
ADH112	5L	£76.65

COMPRESSORS

The Compressor Reset Button

At Flints the most common complaint we receive about compressors goes along the lines of "everything was working fine, but all of a sudden it stopped working".

In most cases, we find that the compressor's internal workings have triggered a safety system that stops the machine from over-heating.

All that is required to get the compressor working again is to press the thermal reset button. This resets the system. Thermal reset buttons are often a little hard to find, the pictures below are of the reset button on a Clarkes Pioneer compressor, but all compressors have them. Refer to the supplied manual to find the reset button on your compressor.



Location of reset button circled



And in close-up

If the system keeps cutting out it is often a sign that the machine needs more oil. Again, refer to the manual for how to undertake this task on your compressor. New compressors are frequently supplied with little oil in them. This is to prevent oil spillage during transit. Additional compressor oil is available from Flints.

Another reason compressors don't always work is that sometimes the operator will turn off the compressor when the receiver tank is still fully charged. Sometime later, they plug it in and nothing happens! Remember that the compressor will only start recharging when the receiver is empty. To discharge the receiver there is a safety relief valve, usually a brass cylinder with a ring. Simply pull the ring until the sound of air escaping diminishes. The motor will then start and replenish the receiver.



Safety relief valve

In the unlikely event that these do not cure the issue, or for further information, please call Flints' Customer Services on 020 7703 9786

The compressors that Flints stocks are mainly used by scenic artists to power their spray guns or by technicians requiring air for nailers and staple guns. Most of the ones we list are easily portable so that they can be lifted into the boot of a car for work in a variety of locations. Consideration should be given to the air output from the compressor. Almost any compressor will achieve the pressure needed but it is the volume of air which is important.

The popular SATAJet 1000 B RP spray gun will use around 7.1 cfm at full tilt whereas the SATAmijet 3000 B HVLP uses around 4 cfm.

As scenic work normally involves stop/start spraying they will operate satisfactorily from small portable compressors giving upwards of 7 cfm. Be careful though, because some HVLP guns use large quantities of air [the SATAjet 4000 HVLP uses 15.2 cfm] and really require large fixed-installation compressors [please phone for details of larger units]. Flints has spent a lot of time looking at the compressor market and has not found it possible to source a truly rugged unit that can still be easily transported in the boot of a car. The compressors we list will not withstand continuous use at full pelt. They should, however, provide reasonable service for the freelance painter for two or three years so long as they are treated with a little care and given some oil from time to time. Speaking of oil, if your compressor arrives with a bottle of oil, that isn't a little freebie. Some compressors are shipped "dry" in other words without any oil. You should fill your compressor with the supplied oil before use.

Choose a unit with some spare capacity to ensure a good service life and please spare a moment to read the instructions!

Finl Pioneer 265M

This Finl compressor with a 2 hp motor delivers 7.6 cfm [15 m³/h] making it ideal for the freelance scenic artist needing a compressor which is easy to transport in the boot of a car. It takes a 9 mm SATA-type hose which will push-fit direct to the compressor's connector. If you need to use 8 mm bore hoses see the Pioneer converter on the next page.

SPECIFICATION: Air receiver: 9.5 L. Max working pressure: 10 Bar [145 psi]. 230 V, 8 A. Dims [LxDxH]: 395 x 320 x 630 mm. dB[A] 76. Wt: 22 kg. Supplied with: panel that protects pressure switch and pressure regulator, pressure gauge and universal quick coupler for 9 mm hoses.

code	description	list price	Tradeline
FIN265M	Pioneer 265M Compressor	£679.00	£450.50
SATAMIM030	9 mm bore hose [10 m]		£120.40



Finl Big Pioneer

Fitted with a powerful 3 hp motor delivering 10 cfm [17 m³/h]. The large 20 L receiving tank is suited for small workshops or for paint frame use. This compressor is still very compact and portable although it is a bit of a heavy lift to get into a car. A 9 mm SATAtype hose will push fit directly to the compressor's connector. If you need to use 8 mm bore hoses see the Pioneer converter [see next page].

SPECIFICATION: Air receiver: 20 L. Max working pressure: 10 Bar [145 psi], controlled by a fully automatic pressure switch. 230/240 V, 9.5 A. Dims [LxDxH]: 470 x 490 x 720 mm. dB [A] 80. Wt: 33.5 kg.

Supplied with: pressure switch, safety valve, drain valve, pressure regulator, pressure gauge and universal quick-coupler for 9 mm hoses.

code	description	list price	Tradeline
FIN312MB	Finl Big Pioneer compressor	£676.00	£479.95
SATAMIM030	9 mm bore hose [10 m]		£120.40



Clarke Raider 15/550

A powerful British-made portable V-twin compressor delivering 14.5 cfm with a 50 L tank. That's enough cfm to work the texture guns on page 106. Ideal for use with air tools and most spray equipment. With an automatic stop/start the engine only runs when it needs to. For oil see

SPECIFICATION: Air receiver: 50 L. Max working pressure: 8 bar [116 psi]. 230 V, 13 A*. Dims [LxDxH]: 725 x 410 x 715 mm. dB [A] 93. Wt: 45.1 kg. Supplied with: air filters, safety valve, pressure regulator, gauge for controlled air pressure, moulded 13 A* 3-pin plug to BS 1363/A.

*3 hp motors can run on a 13 A plug so long as they are not run on an extension lead.

code	Type	list price	Tradeline
TOL15550	15/550	£435.95	£259.00



Clarke Shhh...Air 50/9

An ultra quiet compressor emitting just 40 db. With an air displacement of 1.77 cfm from a 0.5 hp motor, this compressor it is suitable for powering the SATAjet 20 B [page 104] and the SATAgaph airbrushes [see page 104]. The air receiver is CE certified. There is a 50% duty cycle [15 minutes ON, 15 mins OFF]. At 470 mm height, it's suitable for a studio or a model shop but not heavy-duty use. Don't forget to give it some oil. It takes 500 ml of Synthetic Air Compressor Oil available below.

SPECIFICATION: Air receiver: 9 L. Max working pressure: 8 bar [115 psi]. 230 V, 13 A. Dims [LxDxH]: 330 x 330 x 470 mm. dB [A] 40. Wt: 21 kg. o Supplied with: filter regulator with gauge, receiver pressure gauge, safety valve and handle.

code	Type	list price	Tradeline
TOL2320870	50/9	£734.95	£509.00



Compressor Oil

Treat them to some TLC. They do need oil! You'd be surprised how many compressors we find with empty sumps.

We recommend oil "A" for the Finl Pioneer compressors and oil "B" for the Clarke Raider and Pioneer compressors.

The Clarke Shhh...Air uses Synthetic Air Compressor Oil "C".

code	Type	size	price
FIN6102250000	A For Pioneer 265/Big Pioneer	1L	£15.29
CLA3050810	B For Raider & Pioneer 220	1L	£8.98
CLA3050802	B For Raider & Pioneer 220	5L	£35.98
CLA3050795	C Synthetic Air Compressor Oil	1L	£16.20



AIR HOSES

The wide bore and special design of the quick release fittings will allow a far greater air flow to the gun. In a simple experiment using a conventional 8 mm hose and one of these 9 mm hoses connected to a "Y" fitting it was found that the 9 mm hose delivered almost twice the volume of air. Using these lightweight and very flexible hoses may help to solve the struggle to find a small portable compressor that delivers enough air volume to your spray gun. By the way, if you are using 9 mm bore hoses on Clarke compressors, don't tighten them up too hard but use some P.T.F.E. tape to make the threads seal. If you tighten them, the air will not flow!

9 mm Bore Air Hose

A good quality very flexible and lightweight 10 m hose with quick release couplings on each end. Plugs straight into the Fini Pioneer 265M Compressor [previous page].



code	description	price
SATAMIM1030	9 mm bore hose [10 m]	£120.40

9 mm Quick Fitting Male

Male quick release to suit most hoses. [1/4" BSP].



code	price
SATA13623	£19.60

Swivel for Spray Guns

A very useful attachment for the SATA guns, the swivel allows the hose to move freely without kinking.



code	description	price
SATA19745	For all SATAjet guns [non-digital topcoat guns]	£40.00

Push-Fit Converter

This adaptor will allow 8 mm hoses with standard push fittings to be fitted to the Pioneer 265M and Big Pioneer compressors.



code	price
TOL845K	£9.30

1/4" Hose Fittings for 8 mm Bore Air Hose

Endless fun and confusion! As a bit of a guide, this is what you would need if you want to couple a compressor with 1/4" male thread to a spray gun using quick release fittings. Mount a "snap female body" onto the compressor, put a "snap male adapter" into one end of the hose. The hose will now snap onto the compressor. Put a "snap male body" onto the other end of the hose and a "snap female adapter" onto the gun. The gun will now snap onto the hose. Easy peasy! To simplify things just order the top four listed below.

code	Type	price
TOL842	Snap female body	£8.07
TOL831	Snap male adapter	£1.62
TOL841	Snap male body	£8.07
TOL832	Snap female adapter	£1.62
TOL833	Snap hose adapter	£1.62
TOL824	1/4" hose adapter	£1.52
TOL844	Tail 1/4" nut	£1.16
TOL843	Hose joint	£1.67

9 mm Quick Fitting Female

Female quick release to suit most compressors. [1/4" BSP].



code	price
SATA13599	£19.00

Gun End Quick Fitting

Quick release to suit most guns. [1/4" BSP thread]. See also the SATA Turbo Nozzle on page 106.



code	description	price
SATA13656	Female [most common]	£10.80
SATA53942	Male	£10.00

Nipple Male BSP

Useful to convert a female fitting to a male one or to convert a 1/2" wall outlet to 1/4" BSP thread. Tapered threads.



code	Type	price
TOL103014	1/4" to 1/4"	£1.04
TOL103016	1/4" to 1/2"	£2.05

8 mm Bore Air Hose

High pressure [300 psi] round rubber hoses with 1/4" BSP swivel nut fittings. If you are using HVLP spray equipment you may consider upgrading to 9 mm hoses which are listed on the previous column.

code	length	adjustment	price
TOL822H	10m		£14.97
TOL823H	15m		£19.97
TOL820H	30m		£33.98
GEN050	Worm Drive Clip	9.5-12mm	£0.92

Y Connectors



code	price
TOL8Y	To take standard 8 mm bore air hoses [when fitted with snap adapters] £17.75
TOL103301	Plain fitting with female 1/4" BSP threads on all outlets. £2.40

6 mm Coiled Air Hose

Useful for running small spray guns when the air outlets are ceiling-mounted. 6 mm bore with 1/4" BSP thread connectors on each end. Max working pressure: 10.5 bar [150 psi].



code	length	price
TOL3110458	7.5m	£9.27

P.T.F.E. Tape [5 m]

Used to lubricate and seal air hose joints.

code	width	width	price
TAP077	12mm	10mm	£0.90

