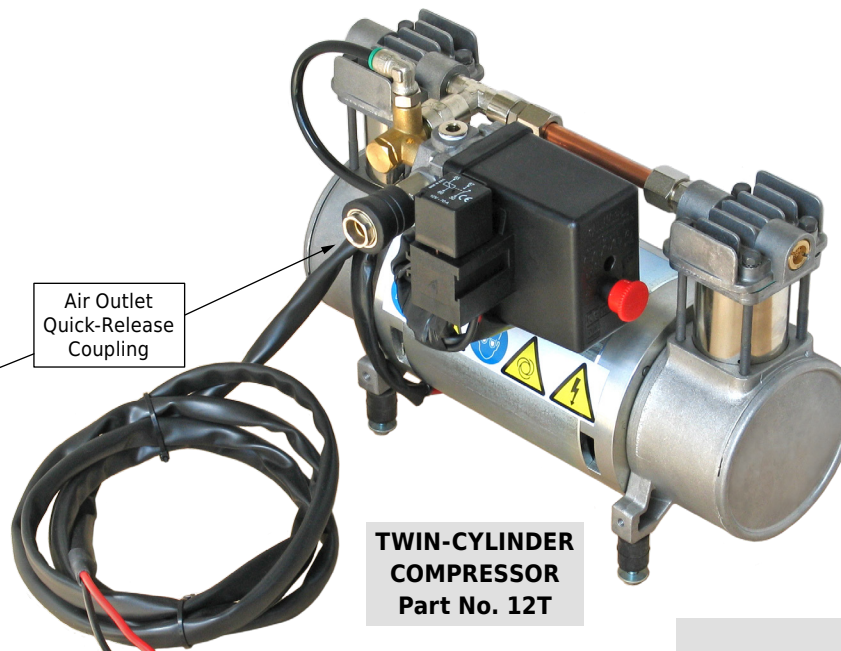


12-VOLT AIR COMPRESSORS (SINGLE AND TWIN-CYLINDER)

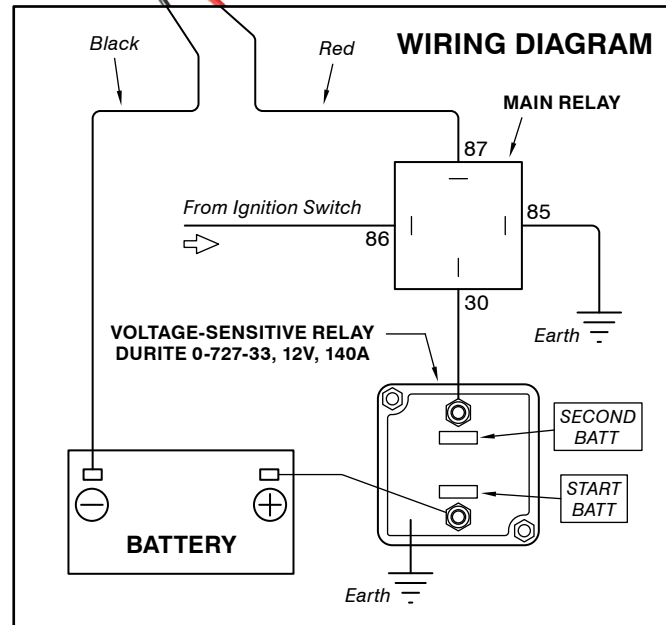
Self-lubricating, and designed for continuous operation.



**SINGLE-CYLINDER COMPRESSOR
Part No. 12S**



**TWIN-CYLINDER
COMPRESSOR
Part No. 12T**



To prevent excessive load on the vehicle's battery, the compressor should not run until the engine has been started. This can be accomplished by fitting a voltage-sensitive relay between the battery and the main relay. The voltage-sensitive relay will detect the rise in voltage from the vehicle's charging system when the engine is started and will switch on at 13.3 volts, triggering the main relay to the compressor. It will switch off at 12.65 volts, but a 5-second delay operates when the voltage falls below the cut-out voltage to prevent nuisance cut-out due to high intermittent loads on the battery.

Durite relay, part no. **0-727-33** (12-volt, 140-amp, with red LED indicator), shown right.

	SINGLE-CYLINDER	TWIN-CYLINDER
Swept Volume -	20cc	40cc
RPM -	3700/4100	2500/3400
Air Delivery -	86 litres/min @ 2 bar (3.03 cfm @ 29 psi) 51 litres/min @ 6 bar (1.80 cfm @ 87 psi) 44 litres/min @ 8 bar (1.55 cfm @ 116 psi)	180 litres/min @ 2 bar (6.36 cfm @ 29 psi) 80 litres/min @ 6 bar (2.82 cfm @ 87 psi) 65 litres/min @ 8 bar (2.29 cfm @ 116 psi)
Max Pressure -	12 bar (174 psi)	12 bar (174 psi)
Current -	14 amps (Running) 22 amps (Starting)	25 amps (Running) 39 amps (Starting)
Average Power Consumption -	200 watts	370 watts
Noise -	Db 66/70	Db 66/70
Dimensions -	21 x 11 x 17H cm (8.25 x 4.3 x 6.7 in)	30 x 11 x 17H cm (11.8 x 4.3 x 6.7 in)
Weight -	4 kg (8.8 lbs)	7 kg (15.4 lbs)
Charge Time, 5 litre Tank -	0 to 8 bar (116 psi) - 54 sec	0 to 8 bar (116 psi) - 44 sec



For further information, please contact our technical department:
**Erentek Ltd., Malt Kiln Lane,
Waddington, Lincoln LN5 9RT**
Telephone: **01522 720065**
Fax: **01522 729155**
Email: **sales@erentek.co.uk**
Web: **www.erentek.co.uk**