

.red® Compressed Air Generators



Product datasheet

Description

- Small footprint air compressor station, designed as an ideal source of clean lab air
- Specific applications include air purge for GC-ATD, air shield for DSC, air for particle sizing by laser diffraction, air for pneumatic controls, ... etc.
- Also suitable as a supply of compressed air to other air generators in the range
- Models available for 20, 40, 80 and 120L/min at up to 90psig/6 bar
- System equipped with internal reservoir helping to avoid fluctuations in supply
- Economical, safe alternative to high pressure cylinders
- Low running costs - only requiring power
- Minimum maintenance
- Easy installation and operation
- Manufactured to a high quality following the rigorous ISO 9001 production control
- EC/UK, US and Japanese versions available



General specifications

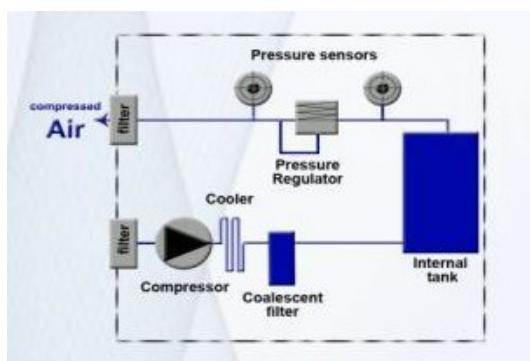
	Compressed Air models (with internal reservoir)
Noise level:	Less than 50dB(A)
User interface:	Pressure setting, system status, user parameter/Touch screen/LCD graphic display
Remote command:	USB/download of the logfile possible
Stand-by mode:	by request or automatically if no compressed air requested
Power requirements:	230V/50Hz or 230V/60Hz or 115V/60Hz or 100V/60Hz
Ambient temperature:	10 to 40°C, 50 to 104°F

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Schematic



Dimensions and connections

Dimensions:	36x64x67cm (WxDxH)
Dimensions (shipping):	45x80x80 (WxDxH)
Net Weight (Kg):	40 to 60Kg (depending on model)
Gross (shipping) Weight (Kg):	50 to 70Kg (depending on model)
Connections inlet:	n/a
Connections outlet:	1/4" Swagelok male compression
Output	
Delivery pressure:	atmospheric to 90psig/6 barg
Dew point:	<0°C
Particle filtration level:	<0.1µm
Drying system:	By coalescing filter
Sound level:	<50 dbA
Flow rate at normal conditions:	20, 40, 80 or 120L/min (model dependent)
Power consumption:	250 to 550 Watts (model dependent)

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Ordering information

Code	Description	Model
700828	Compressed Air Generator 20 dot-red® 20NL/mn EU	dot-red Compressed Air 20
700829	Compressed Air Generator 20 dot-red® 20NL/mn US	dot-red Compressed Air 20
700830	Compressed Air Generator 40 dot-red® 40NL/mn EU	dot-red Compressed Air 40
700831	Compressed Air Generator 40 dot-red® 40NL/mn US	dot-red Compressed Air 40
700832	Compressed Air Generator 80 dot-red® 80NL/mn EU	dot-red Compressed Air 80
700834	Compressed Air Generator 120 dot-red® 120NL/mn EU	dot-red Compressed Air 120
700835	Compressed Air Generator 120 dot-red® 120NL/mn US	dot-red Compressed Air 120

Parts supplied

Standard: 1 x Compressed Air Generator unit, 1 x CD-manual

Optional: As below

Servicing

Action & frequency: Change filters (coalescent and dust) every 6 months.
Service every 12 months.



Spare parts and consumables

- Dust and coalescing filter set for model 20: 771101220
- Dust and coalescing filter set for model 40: 771101240
- Dust and coalescing filter set for model 80: 771101260
- Dust and coalescing filter set for model 120: 771101280
- Maintenance kit, model 20 compressor: 771101320
- Maintenance kit, model 40 compressor: 771101340
- Maintenance kit, model 80 compressor: 771101360
- Maintenance kit, model 120 compressor: 771101380