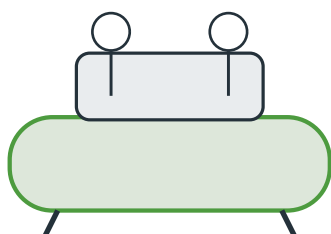


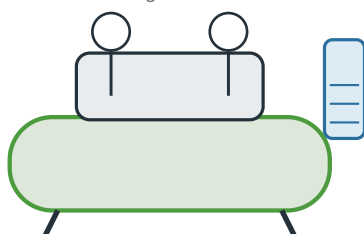
GREELOY® GA-61 SERIES

Oil-Free Dental Air Compressors

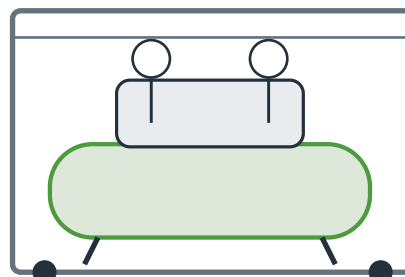
GA-61 | GA-61X | GA-61Y | GA-61XY



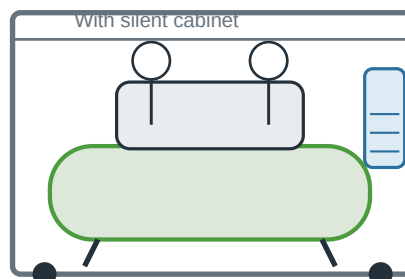
GA-61
Standard configuration



GA-61Y
With air dryer



GA-61X



GA-61XY
Silent cabinet + air dryer

Series platform

600W oil-free piston compressor
118 L/min at 0 bar
24 L tank
8 bar maximum pressure

Configuration options

Base compressor
Silent cabinet
Air dryer
Silent cabinet + air dryer

Designed as a compact compressed-air platform for dental clinics, laboratories and equipment requiring an oil-free air supply. Choose the model according to noise-control and air-drying requirements.

Data note: Public listings for GA-61 series products show some variation in weight, dimensions and measured noise. This guide uses the most consistently published 24 L series configuration and marks variable values as approximate. Confirm the final nameplate/specification before publication or purchase.

Series Overview

Common functions across the GA-61 platform

Oil-free piston system

No lubrication oil is required in the compression chamber.

Automatic pressure control

Automatic stop and restart based on tank pressure.

Pressure range

Maximum pressure 8 bar; restart pressure 5 bar.

Air delivery

Rated free-air delivery is listed as 118 L/min at 0 bar.

24 L receiver tank

Provides stored compressed air for intermittent equipment demand.

Vibration reduction

Rubber feet reduce vibration transferred to the floor.

Filtration

Double filtration is listed on the series; filter regulator allows outlet pressure adjustment and filtration.

Tank treatment

Tank interior is listed with anti-rust / treated coating.

Motor protection

Listings describe automatic motor shutoff under abnormal pressure, current or voltage conditions.

Routine maintenance

Oil changes are not required; receiver drainage and filter inspection remain routine maintenance items.

Configuration codes

GA-61	Base compressor	Standard 24 L oil-free configuration.
GA-61X	Silent cabinet	Adds enclosure for lower operating noise and mobile cabinet format.
GA-61Y	Air dryer	Adds dryer system for applications requiring reduced moisture.
GA-61XY	Cabinet + dryer	Combines noise-control enclosure and air-drying system.

Model Comparison

Select by installation environment and air-treatment requirement.

Model	Silent cabinet	Air dryer	Listed noise	Approx. size	Approx. net weight
GA-61	-	-	52 dB	410 x 410 x 550 mm	22-24 kg
GA-61X	Yes	-	42 dB	500 x 500 x 700 mm	45-50 kg
GA-61Y	-	Yes	52 dB	410 x 510 x 550 mm	24 kg
GA-61XY	Yes	Yes	42 dB	500 x 650 x 700 mm	60 kg

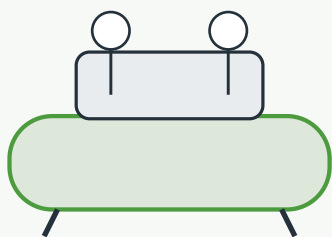
GA-61	Choose when: a standard open compressor is acceptable and no integrated dryer or cabinet is required.
GA-61X	Choose when: the compressor is installed near treatment or working areas where lower listed noise is a priority.
GA-61Y	Choose when: moisture reduction is required but an external silent cabinet is not necessary.
GA-61XY	Choose when: both lower listed noise and integrated air drying are required.

Shared technical platform

Power	600 W	Voltage / frequency	110-240 V, 50/60 Hz
Speed	1400 / 1750 rpm	Air flow	118 L/min at 0 bar
Maximum pressure	8 bar (115 psi)	Restart pressure	5 bar (72 psi)
Tank capacity	24 L	Compression type	Oil-free piston

Noise figures are product-listing values measured under unspecified test conditions; actual installed sound level depends on room acoustics, ventilation, distance and mounting.

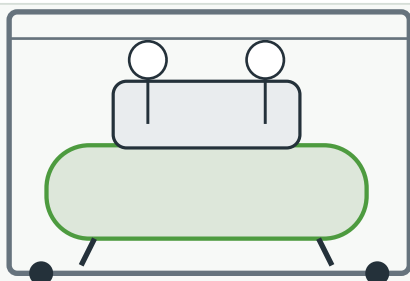
Model Details



GA-61

Standard 24 L oil-free compressor

- Open-frame configuration for direct access to compressor components.
- 600 W motor, 118 L/min listed free-air delivery, 24 L tank.
- Automatic stop at maximum pressure and restart at the listed restart pressure.
- Best suited where the compressor can be installed away from noise-sensitive treatment areas.



GA-61X

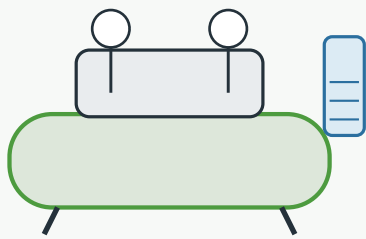
GA-61 platform with silent cabinet

- Metal silent cabinet surrounds the compressor assembly.
- Public listings commonly show approximately 42 dB for the cabinet configuration.
- Cabinet versions are listed with external controls and casters for access and positioning.
- Air dryer may be available as a separate option; GA-61XY combines both features.

Connection / installation items to confirm

- Required voltage and plug type for the installation site.
- Outlet fitting / tubing size required by the dental unit or downstream equipment.
- Ventilation clearance, especially for cabinet models.
- Drain access and placement of the receiver tank for routine condensate removal.

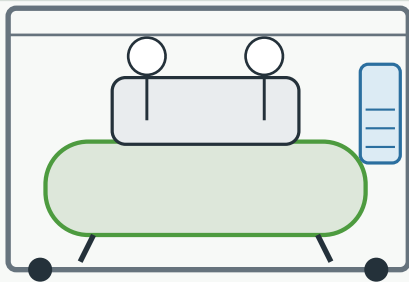
Model Details



GA-61Y

GA-61 platform with integrated air dryer

- Adds an air-drying system to the standard oil-free compressor platform.
- Intended for installations where reducing moisture in the delivered air is required.
- Uses the same listed 600 W / 118 L/min / 24 L / 8 bar platform as the GA-61 series.
- Dryer performance and service parts should be confirmed for the exact production configuration.



GA-61XY

Silent cabinet plus integrated air dryer

- Combines the GA-61X cabinet configuration with the GA-61Y air-drying function.
- Public listings commonly show 42 dB, 24 L tank and 118 L/min at 0 bar.
- Larger enclosure footprint than the standard or dryer-only model.
- Suitable when both sound reduction and moisture control are installation requirements.

Dry-air configuration note

For dryer-equipped models, verify the required dew point, flow at working pressure, filtration grade and dryer maintenance interval against the downstream dental or laboratory equipment specification. Do not select a dryer configuration from tank size or free-air delivery alone.

Technical Data

Published GA-61 series values - use the product nameplate as the final reference.

Parameter	GA-61	GA-61X	GA-61Y	GA-61XY
Compression	Oil-free piston	Oil-free piston	Oil-free piston	Oil-free piston
Power	600 W	600 W	600 W	600 W
Voltage / frequency	110-240 V / 50-60 Hz	110-240 V / 50-60 Hz	110-240 V / 50-60 Hz	110-240 V / 50-60 Hz
Speed	1400/1750 rpm	1400/1750 rpm	1400/1750 rpm	1400/1750 rpm
Air flow	118 L/min @ 0 bar	118 L/min @ 0 bar	118 L/min @ 0 bar	118 L/min @ 0 bar
Max pressure	8 bar	8 bar	8 bar	8 bar
Restart pressure	5 bar	5 bar	5 bar	5 bar
Tank	24 L	24 L	24 L	24 L
Listed noise	52 dB	42 dB	52 dB	42 dB
Approx. size (L x W x H)	410 x 410 x 550 mm	500 x 500 x 700 mm	410 x 510 x 550 mm	500 x 650 x 700 mm
Approx. net weight	22-24 kg	45-50 kg	24 kg	60 kg
Silent cabinet	No	Yes	No	Yes
Air dryer	No	No	Yes	Yes

Important sizing note

118 L/min is a free-air value listed at 0 bar. Air delivery decreases as working pressure rises. For dental chairs, laboratory devices or simultaneous-use systems, confirm required air consumption at the actual operating pressure before selecting the compressor.

Installation, Use & Routine Care

Before installation	Routine care
• Confirm voltage/frequency and plug configuration. • Place on a stable, level surface. • Provide ventilation around motor and cabinet vents. • Keep drain valve and filters accessible. • Connect only pressure-rated air tubing and fittings.	• Drain condensate from the receiver regularly. • Inspect and service filters according to use. • Keep cooling openings clear of dust and obstruction. • Check hoses, fittings and electrical cable for damage. • Follow dryer service requirements on Y/XY models.
Normal operation	Safety basics
• Compressor fills the receiver to the stop pressure. • Unit restarts when tank pressure drops to the restart setting. • Regulate outlet pressure to match downstream equipment. • Monitor unusual noise, vibration, heat or pressure behavior.	• Do not exceed the rated maximum pressure. • Disconnect electrical power before service. • Release stored pressure before opening air connections. • Do not block cabinet ventilation. • Service abnormal pressure/electrical behavior before continued use.

Typical applications

Dental clinic	Dental laboratory	Medical / lab	Analytical equipment
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Ordering checklist

- Model: GA-61 / GA-61X / GA-61Y / GA-61XY
- Voltage / frequency and plug type
- Required working pressure and air consumption
- Need for integrated air drying
- Need for silent cabinet / installation noise target
- Outlet tubing / fitting requirement
- Available installation space and ventilation clearance
- Warranty, spare filters and dryer service parts for the destination market

Reference note: Specifications were compiled from public Greeley/manufacturer and reseller listings available in September 2026. Several public pages differ on GA-61/GA-61X weight, dimensions and noise measurements. Verify the final production specification, certification scope and included accessories before using this document as a contractual specification.