



AIRPROFI Silent Series

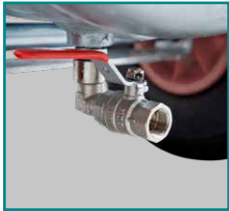
Compressors, noise-insulated

AIRPROFI 321/100 Silent - low-noise, mobile compressors with twin-cylinder V motor directly flanged on

- ▶ Featuring a Silent noise-insulation housing and newly developed noise-reducing air filters
- ▶ Designed for users who need a quiet working environment
- ▶ Intermediate and re-coolers reduce condensate build-up
- ▶ Premium electric motor equipped with motor protection switch

- ▶ Equipped with a filter pressure regulator and pressure gauge, and a **CONDOR pressure switch**
- ▶ Completely ready for connection with all fittings
- ▶ Fully automatic On/Off operation
- ▶ Air outlets equipped with **premium quick-action safety couplings** as standard

- ▶ Two pressure gauges for the compressed air tank and working pressure
- ▶ The compressed air tank is equipped with a safety valve, tank pressure gauge and a condensate drain valve
- ▶ Premium compressed air tank hot-dip galvanised on interior and exterior
- ▶ Equipped with all safety devices



· Easier draining of condensate thanks to **ball valve installed as standard**



- ▶ Sophisticated motor design
- ▶ Twin-cylinder V motor with single-stage compression
- ▶ Extremely slow runner
- ▶ Flanged on, no loss of energy between the motor and the compressor
- ▶ This improves the efficiency and fill performance, while prolonging the service life



AIRPROFI 321/100 Silent

- ▶ Silent noise-insulation housing additionally equipped with temperature-controlled fan



Model	AIRPROFI 321/100 SILENT
Art. no.	2022300

Technical specifications	
Compressor system*	HOS
Highest flow rate	310 l/min
Fill capacity approx.	240 l/min
Maximum pressure	10 bar
Tank capacity	100 l
Cylinders/stages	2/1
Speed	1 420 rpm
Motor output	2.2 kW/ 230 V
Weight	88 kg
Dimensions (L x W x H) in mm	1 275 x 480 x 930
Sound power level L_{WA} **	82 dB(A)
Air outlet	3/4"

* For a description of the compressor systems, see page 18

** Sound power level as per DIN EN ISO 3744 (RL 2000/14/EC)

AIRPROFI SILENT Series - Stationary compressors with noise-insulating housings - Ideal for deployment directly in the work environment

- ▶ Designed for professional and industrial applications in which a quiet work environment is essential
- ▶ Features a Silent noise-insulation housing for deployment in sensitive areas
- ▶ The twin-cylinder, high-performance motor with two-stage compression allows for very low speeds. This helps to achieve a very smooth, virtually vibration-free action
- ▶ With premium CONDOR pressure switch
- ▶ Service-friendly layout

- ▶ Large fan flywheel and large impeller ensure optimum cooling
- ▶ Intermediate and re-cooler, in combination with an additional air duct between the motor and the compressor, reduce condensate build-up
- ▶ Premium electric motor equipped with motor protection switch
- ▶ The belt can be adjusted from the outside
- ▶ Fully automatic On/Off operation
- ▶ Equipped with all safety devices
- ▶ Completely ready for connection with all fittings

- ▶ **For 10 bar models:**
as of 7.5 kW, equipped with an automatic star delta switch as factory standard
- ▶ **For 15 bar models:**
as of 5.5 kW, equipped with an automatic star delta switch as factory standard



AIRPROFI Silent
Low noise emission of 67 dB(A) - very quiet.



AIRPROFI 853/10 Silent



AIRPROFI 853/270/10 H Silent

- ▶ Interior and exterior of compressed air tank hot-dip galvanised
- ▶ Stationary Silent models equipped as a factory standard with a pressure switch for fully-automatic switching on/off, motor circuit breaker, relief valve, pressure gauge and start-up relief,
- ▶ With non-return valve, condensate drain, ball valve and anti-vibration elements

Equipment level

AIRPROFI 853/10 Silent

- › Motor protection switch
- › Pressure gauge
- › On/Off switch
- › Operating hours counter
- › Electrical control unit
- › Start-up relief
- › Anti-vibration elements

Model	AIRPROFI 853/10 SILENT	AIRPROFI 853/270/10 H SILENT	AIRPROFI 1003/10 SILENT	AIRPROFI 1003/500/10 H SILENT	AIRPROFI 903/15 SILENT	AIRPROFI 903/500/15 H SILENT
Art. no.	2022801	2022831	2022850	2022860	2022855	2022865

Technical specifications	AIRPROFI 853/10 SILENT	AIRPROFI 853/270/10 H SILENT	AIRPROFI 1003/10 SILENT	AIRPROFI 1003/500/10 H SILENT	AIRPROFI 903/15 SILENT	AIRPROFI 903/500/15 H SILENT
Compressor system*	HOS	HOS	HOS	HOS	HOS	HOS
Highest flow rate	850 l/min	850 l/min	1 080 l/min	1 080 l/min	900 l/min	900 l/min
Fill capacity	680 l/min	680 l/min	845 l/min	845 l/min	675 l/min	675 l/min
Maximum pressure	10 bar	10 bar	10 bar	10 bar	15 bar	15 bar
Tank capacity	-	270 l	-	500 l	-	500 l
Cylinders/stages	2/2	2/2	2/2	2/2	2/2	2/2
Speed	1 240 rpm	1 240 rpm	1 100 rpm	1 100 rpm	920 rpm	920 rpm
Motor output	5.5 kW*** / 400 V	5.5 kW*** / 400 V	7.5 kW / 400 V	7.5 kW / 400 V	7.5 kW / 400 V	7.5 kW / 400 V
Weight	155 kg	250 kg	180 kg	364 kg	180 kg	410 kg
Dimensions (L x W x H) in mm	790 x 790 x 720	1 690 x 790 x 1 410	930 x 790 x 830	2 020 x 790 x 1 610	930 x 790 x 830	2 020 x 790 x 1 610
Sound pressure level L _{PA} **	67 dB(A)	67 dB(A)	73 dB(A)	73 dB(A)	70 dB(A)	70 dB(A)
Air outlet	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"

* For a description of the compressor systems refer to page 18 ** Sound pressure level at a distance of 1 m as per DIN 45635 T 13

*** Please observe your local energy utility's rules for compressors with a motor output of 5.5 kW