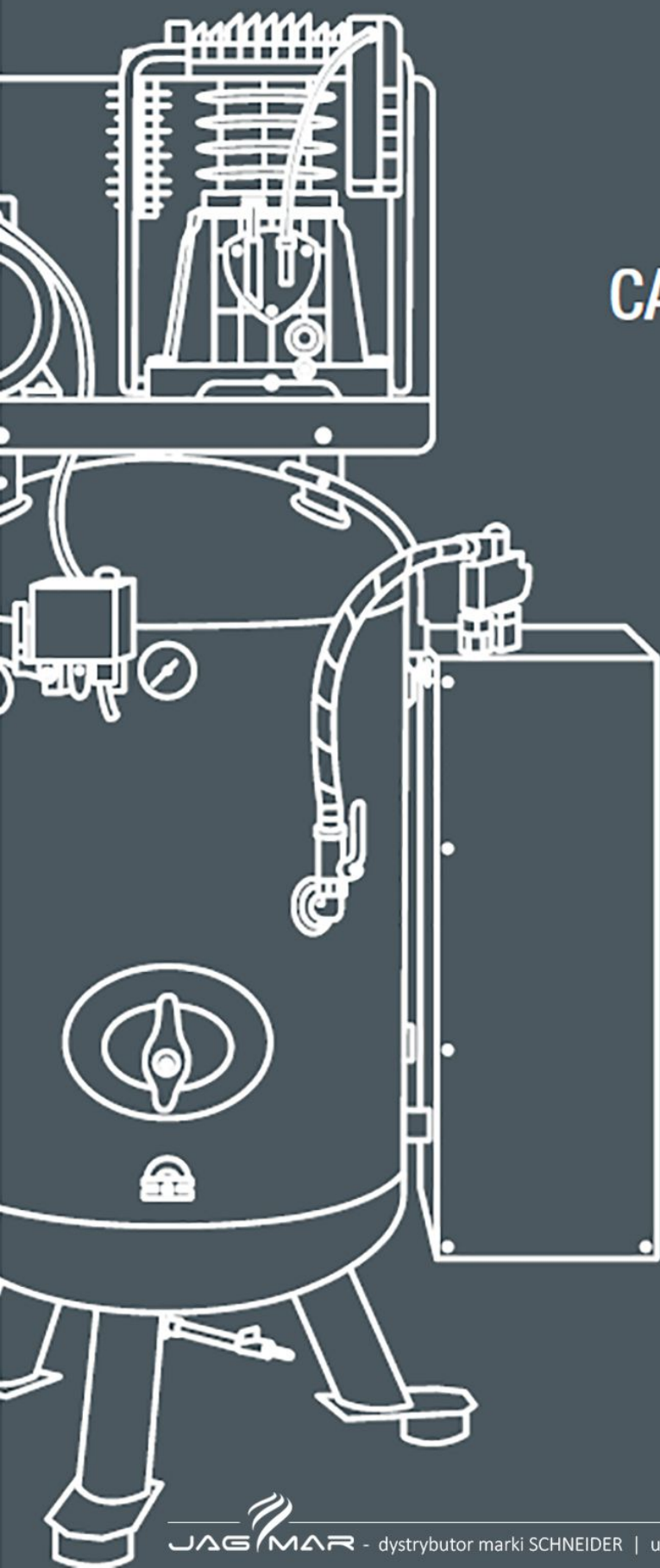




CATALOGUE

2018



50
YEARS



JAG MAR - dystrybutor marki SCHNEIDER | ul. Złota 36 | 62-800 Kalisz | tel. 62 766 31 01 | www.jag-mar.pl | biuro@jag-mar.pl

AirMaster

The powerful screw compressors with
V-belt, direct drive or gearbox!

All maintenance components are easy to access,
which saves time and costs during maintenance work

Easy-to-operate control systems:
AIR ENERGY CONTROL 3
With control of rotation direction, operating hours indicator, service messages, hours under load, etc.

Comfortable control:
AIR ENERGY CONTROL 3+
With comfort display, control of rotation direction, operating hours indicator, maintenance schedule, service messages, hours under load, etc. (for speed-controlled screw compressors)

Variable drive
Whether it is a tried-and-tested V-belt drive, an efficient direct drive or a longlife geared drive – the focus is always on one thing: excellent performance!

Avoid expensive damage
with integrated control of rotation direction

Save space during installation
thanks to compact dimensions

Quiet
with insulated housing



Example: AM B 7-10

The solution for permanent air requirements, e.g. spray painting or industrial manufacturing applications. AirMaster screw compressors ensure easy servicing, silent operation and greater operating comfort from a clearly laid out control system that is simple to use.

Stationary screw compressors

AirMaster Professional Solo

NEW



- Easy handling thanks to start/stop control
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves time and costs during maintenance work
- Quiet due to soundproofed housing
- Easy-to-install exhaust air duct



Durable, V-belt driven compressor blocks



With operating hours counter



Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH) (mm)
AM B 4-10	H704100	10	468	400	4	105	61	3/4"	620x612x950

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Tip

Screw compressors are often used incorrectly, e.g. for intermittent operation. Always request an on-site consultation meeting with our experts at Schneider airsistemas.

NEW

AirMaster Professional Solo

- Easy to understand electronic control system enables easy handling and maximum operating comfort
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves time and costs during maintenance work
- Quiet due to soundproofed housing
- Easy-to-install exhaust air duct
- Integrated control of rotation direction prevents expensive damage during commissioning and operation



1 | Compressed air generation

Durable, V-belt driven compressor blocks	✓
AIR ENERGY CONTROL 3 electronic control system with control of rotation direction, operating hours indicator, service messages, hours under load, etc.	✓



Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH) (mm)
AM B 5-8	H705080	8	882	400	5.5	241	62	3/4"	1,100x690x1,100
AM B 5-10	H705100	10	702	400	5.5	241	62	3/4"	1,100x690x1,100
AM B 5-13	H705130	13	564	400	5.5	241	62	3/4"	1,100x690x1,100
AM B 7-8	H707080	8	1,242	400	7.5	246	63	3/4"	1,100x690x1,100
AM B 7-10	H707100	10	1,080	400	7.5	246	63	3/4"	1,100x690x1,100
AM B 7-13	H707130	13	828	400	7.5	246	63	3/4"	1,100x690x1,100
AM B 11-8	H711080	8	1,674	400	11	266	65	3/4"	1,100x690x1,100
AM B 11-10	H711100	10	1,506	400	11	266	65	3/4"	1,100x690x1,100
AM B 11-13	H711130	13	1,212	400	11	266	65	3/4"	1,100x690x1,100
AM B 15-8	H715080	8	2,328	400	15	270	67	3/4"	1,100x690x1,100
AM B 15-10	H715100	10	2,106	400	15	270	67	3/4"	1,100x690x1,100
AM B 15-13	H715130	13	1,686	400	15	270	67	3/4"	1,100x690x1,100
AM B 18-8	H718080	8	3,114	400	18.5	361	69	1"	1,210x810x1,220
AM B 18-10	H718100	10	2,718	400	18.5	361	69	1"	1,210x810x1,220
AM B 18-13	H718130	13	2,304	400	18.5	361	69	1"	1,210x810x1,220
AM B 22-8	H722080	8	3,648	400	22	377	70	1"	1,210x810x1,220
AM B 22-10	H722100	10	3,240	400	22	377	70	1"	1,210x810x1,220
AM B 22-13	H722130	13	2,766	400	22	377	70	1"	1,210x810x1,220

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Stationary screw compressors

AirMaster Professional with cold dryer (built-in)

NEW



- System ready for operation, with integral cold dryer
- Dry compressed air for perfect working results
- Easy to understand electronic control system enables easy handling and maximum operating comfort
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves time and costs during maintenance work
- Quiet due to soundproofed housing
- Easy-to-install exhaust air duct
- Integrated control of rotation direction prevents expensive damage during commissioning and operation

✓	Durable, V-belt driven compressor blocks
✓	AIR ENERGY CONTROL 3 electronic control system with control of rotation direction, operating hours indicator, service messages, hours under load, etc.
✓	With integral cold dryer

Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH)
AM B 5-8 XDK	H705081	8	882	400	5.5	268	62	3/4"	1,100x690x1,100
AM B 5-10 XDK	H705101	10	702	400	5.5	268	62	3/4"	1,100x690x1,100
AM B 5-13 XDK	H705131	13	564	400	5.5	268	62	3/4"	1,100x690x1,100
AM B 7-8 XDK	H707081	8	1,242	400	7.5	276	63	3/4"	1,100x690x1,100
AM B 7-10 XDK	H707101	10	1,080	400	7.5	276	63	3/4"	1,100x690x1,100
AM B 7-13 XDK	H707131	13	828	400	7.5	276	63	3/4"	1,100x690x1,100

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Tip

Screw-type compressors with a built-in cold dryer take up little space and ensure high air quality.

NEW

AirMaster Professional on vessel

- Easy handling thanks to start/stop control
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves time and costs during maintenance work
- Quiet due to soundproofed housing
- Easy-to-install exhaust air duct



Durable, V-belt driven compressor blocks	✓
With operating hours counter	✓



Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH)
AM B 4-10-270 XB	H704103	10	468	400	4	170	61	3/4"	1,498x582x1,340

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Stationary screw compressors

AirMaster Professional on vessel

NEW



- Easy to understand electronic control system enables easy handling and maximum operating comfort
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves time and costs during maintenance work
- Quiet due to soundproofed housing
- Easy-to-install exhaust air duct
- Integrated control of rotation direction prevents expensive damage during commissioning and operation



Durable, V-belt driven compressor blocks



AIR ENERGY CONTROL 3 electronic control system with control of rotation direction, operating hours indicator, service messages, hours under load, etc.



Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH)
AM B 5-8-270 XB	H705083	8	882	400	5.5	311	62	3/4"	1,550x690x1,560
AM B 5-8-500 XB	H705084	8	882	400	5.5	396	62	3/4"	1,950x690x1,700
AM B 5-10-270 XB	H705103	10	702	400	5.5	311	62	3/4"	1,550x690x1,560
AM B 5-10-500 XB	H705104	10	702	400	5.5	396	62	3/4"	1,950x690x1,700
AM B 7-8-270 XB	H707083	8	1,242	400	7.5	316	63	3/4"	1,550x690x1,560
AM B 7-8-500 XB	H707084	8	1,242	400	7.5	401	63	3/4"	1,950x690x1,700
AM B 7-10-270 XB	H707103	10	1,080	400	7.5	316	63	3/4"	1,550x690x1,560
AM B 7-10-500 XB	H707104	10	1,080	400	7.5	401	63	3/4"	1,950x690x1,700

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Tip

Ensure a suitable room height for the installation. Screw compressors on a vessel should have sufficient space at the top. Otherwise, it may lead to a build-up of heat.

NEW

AirMaster Professional mit Kältetrockner auf Behälter

- System ready for operation, with integral cold dryer
- Easy handling thanks to start/stop control
- Dry compressed air for perfect working results
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves time and costs during maintenance work
- Quiet due to soundproofed housing
- Easy-to-install exhaust air duct



✓	Durable, V-belt driven compressor blocks
✓	Motor and compressor protected against overheating
✓	With cold dryer fitted on vessel



Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH)
AM B 4-10-270 XBDK	H704106	10	468	400	4	204	61	3/4"	1,498x582x1,340

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Stationary screw compressors

AirMaster Professional with cold dryer on vessel

NEW



- System ready for operation, with integral cold dryer
- Dry compressed air for perfect working results
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves time and costs during maintenance work
- Quiet due to soundproofed housing
- Easy-to-install exhaust air duct
- Integrated control of rotation direction prevents expensive damage during commissioning and operation

✓	Durable, V-belt driven compressor blocks
✓	AIR ENERGY CONTROL 3 electronic control system with control of rotation direction, operating hours indicator, service messages, hours under load, etc.
✓	With cold dryer fitted on vessel

Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH)
AM B 5-8-270 XBDK	H705086	8	882	400	5.5	338	62	3/4"	1,550x690x1,560
AM B 5-8-500 XBDK	H705087	8	882	400	5.5	426	62	3/4"	1,950x690x1,700
AM B 5-10-270 XBDK	H705106	10	702	400	5.5	338	62	3/4"	1,550x690x1,560
AM B 5-10-500 XBDK	H705107	10	702	400	5.5	426	62	3/4"	1,950x690x1,700
AM B 7-8-270 XBDK	H707086	8	1,242	400	7.5	346	63	3/4"	1,550x690x1,560
AM B 7-8-500 XBDK	H707087	8	1,242	400	7.5	431	63	3/4"	1,950x690x1,700
AM B 7-10-270 XBDK	H707106	10	1,080	400	7.5	346	63	3/4"	1,550x690x1,560
AM B 7-10-500 XBDK	H707107	10	1,080	400	7.5	431	63	3/4"	1,950x690x1,700
AM B 11-8-500 XBDK	H711087	8	1,674	400	11	451	65	3/4"	1,950x690x1,700
AM B 11-10-500 XBDK	H711107	10	1,506	400	11	451	65	3/4"	1,950x690x1,700
AM B 11-13-500 XBDK	H711137	13	1,212	400	11	451	65	3/4"	1,950x690x1,700
AM B 15-8-500 XBDK	H715087	8	2,328	400	15	455	67	3/4"	1,950x690x1,700
AM B 15-10-500 XBDK	H715107	10	2,106	400	15	455	67	3/4"	1,950x690x1,700
AM B 15-13-500 XBDK	H715137	13	1,686	400	15	455	67	3/4"	1,950x690x1,700

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Tip

Screw-type compressors with a built-in cold dryer on vessel take up very little space and ensure high air quality.

NEW

AirMaster Variable Speed

- Speed control allows for optimal adaptation to the actual air usage
- Easy to understand electronic control system enables easy handling and maximum operating comfort
- Less space required thanks to compact dimensions
- Having a direct drive or geared drive plus maintenance components that are easy to access saves considerable time and money during maintenance work
- Extremely quiet thanks to the soundproofed housing
- Simple assembly of outlet channel thanks to exhaust air guide directed upwards
- Integrated control of rotation direction prevents expensive damage during commissioning and operation



1 | Compressed air generation

Longlife, direct-drive compressor blocks



Maximum operating comfort thanks to AIR ENERGY CONTROL 3+ electronic control system with control of rotation direction, operating hours indicator, maintenance schedule, service messages, hours under load, etc.



Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH)
AM D 7-13 XVS	H907100	5-13	270-1,224	400	7.5	235	64	3/4"	1,165x655x1,045
AM D 11-13 XVS	H911100	5-13	264-1,824	400	11	251	64	3/4"	1,165x655x1,045
AM D 15-13 XVS	H915100	5-13	258-2,214	400	15	254	65	3/4"	1,165x655x1,045
AM G 18-10 XVS	H918100	5-10	560-3,340	400	18.5	496	68	1"	1,400x780x1,555
AM D 22-13 XVS	H922100	5-13	762-4,044	400	22	434	68	1"	1,400x780x1,555

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

BAFA
BAFA
BAFA
BAFA
BAFA

Tip

Speed-controlled screws can save up to 30% energy with fluctuating air requirements.

Stationary screw compressors

AirMaster Plus

NEW



- Exceptionally cost-effective thanks to the efficient yet low-maintenance geared drive
- Easy to understand electronic control system enables easy handling and maximum operating comfort
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves considerable time and costs during maintenance work
- Extremely quiet thanks to the soundproofed housing
- Simple assembly of outlet channel thanks to exhaust air guide directed upwards
- Integrated control of rotation direction prevents expensive damage during commissioning and operation



Longlife, direct-drive compressor blocks



Maximum operating comfort thanks to AIR ENERGY CONTROL 3 electronic control system with control of rotation direction, operating hours indicator, service messages, hours under load, etc.



Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH)
AM G 11-8	H611080	8	1,836	400	11	460	61	3/4"	1,400x780x1,555
AM G 11-10	H611100	10	1,518	400	11	460	61	3/4"	1,400x780x1,555
AM G 11-13	H611130	13	1,200	400	11	460	61	3/4"	1,400x780x1,555
AM G 15-8	H615080	8	2,484	400	15	470	62	3/4"	1,400x780x1,555
AM G 15-10	H615100	10	2,202	400	15	470	62	3/4"	1,400x780x1,555
AM G 15-13	H615130	13	1,818	400	15	470	62	3/4"	1,400x780x1,555
AM G 18-8	H618080	8	3,168	400	18.5	490	63	1"	1,400x780x1,555
AM G 18-10	H618100	10	2,700	400	18.5	490	63	1"	1,400x780x1,555
AM G 18-13	H618130	13	2,316	400	18.5	490	63	1"	1,400x780x1,555
AM G 22-8	H622080	8,5	3,660	400	22	430	68	1"	1,320x830x1,555
AM G 22-10	H622100	10	3,318	400	22	430	68	1"	1,320x830x1,555
AM G 22-13	H622130	13	2,856	400	22	430	68	1"	1,320x830x1,555

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Tip

The forces of the compressor and the gearbox work against each other. That's why with this drive there is less wear and stress on bearings!

BAFA

BAFA

BAFA

BAFA

BAFA

BAFA

