



PRODUCT CATALOGUE 2025



RENO

YOUR PREFERRED SUPPLIER OF COMPRESSED AIR, AIR TREATMENT AND HIGH PRESSURE CLEANERS

Reno is a leading supplier of compressed air and high pressure cleaning solutions for professional and industrial use. We represent a piece of Danish industrial history with sales and production of air compressors and compressed air equipment since 1952, and high pressure cleaners since 1978. Today we are one of the biggest suppliers in Scandinavia, with extensive knowledge and expertise within the business. Reno performs both standard and specialized tasks, and our consultants are always able to identify and offer the ideal solution for your specific needs.

Through many years of close cooperation with our dealers and end-users, we have developed a comprehensive product portfolio, keeping us at the top of the game. We offer a wide range of high pressure cleaners, compressors and equipment for air treatment, sold through our network of professional dealers in Scandinavia and the rest of the world.

We also have a well-functioning service organization, to support our customers in their operations. We are ready to assist you 24/7 - 365 days a year, and we can offer on-site support through local partners. Operational breakdowns are expensive, which is why Reno service vans are equipped with a wide range of spare parts, to ensure quick and efficient service.

TECHNICAL DATA SYMBOLS

	Motor
	Stroke volume
	Free air displacement
	Max. pressure
	Revolutions
	Air receiver
	Voltage
	Noise level
	Weight
	Dimensions
	Water flow
	Water temp.
	Oil motor
	Hose
	Liquid volume

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CONTENT

OIL-FREE COMPRESSORS	12
Reno Tech	14
Oil-free piston compressors	15
CleanAIR	18
PISTON COMPRESSORS	24
Semi-professional	26
Professional Light	29
Professional Heavy	33
FF industry	37
Silent	44
EngineAIR petrol/diesel-driven	46
SCREW COMPRESSORS	58
Reno 2.2 DD	61
Reno Fusion	62
FF Monsun	64
FF Monsun Pro	73
AIR TREATMENT	82
Refrigerated dryers	86
Adsorption dryers	88
Filters	89
Water drainage	91
Oil/water separators	91
Air receivers	92
COMPRESSOR ACCESSORIES	95
HIGH PRESSURE CLEANERS	112
Cold water cleaners	116
Hotboxes	125
Hot water cleaners	127
Petrol-driven cleaners	131
Hydraulic cleaners	136
Brake cleaner	137
HIGH PRESSURE ACCESSORIES	138
SERVICE	148
ervice, warranty and returns	150
Service agreement	152
AirTube	153
Sales and delivery terms	154

COMPRESSED AIR

COMPRESSORS

Reno offers one of the widest ranges of piston and screw compressors in the business. Common for all products is our strong focus on top quality components, energy savings and minimum maintenance.

WHAT IS COMPRESSED AIR?

DURING COMPRESSION, THE AMOUNT OF AIR IS REDUCED TO A HIGHER PRESSURE THAN ATMOSPHERIC AIR. ATMOSPHERIC AIR HAS A PRESSURE OF 1 BAR. AT A PRESSURE OF 10 BAR THE AIR IS COMPRESSED 10 TIMES AND THUS FILLS 1/10 OF THE ATMOSPHERIC AIR.

COMPRESSION DEVELOPS HEAT

During compression of air the energy expended by the compressor is converted into heat, regardless of the compressor technology and supplier. Heat development results in high demands for correct dimensioning of the cooling system, which is usually implemented by air or oil. Heat development also creates an interesting possibility for waste heat recovery.

... AND CONDENSATE OCCURS DURING COOLING

Compression of air increases the humidity content in the air, which condenses to water during cooling. As compressed air is produced at a high temperature due to heat development during compression, the air is initially able to absorb further humidity. During subsequent cooling in the air receiver or piping system, the air's ability to absorb humidity decreases, and the humidity condenses into water.

Water in the compressed air system can be treated by draining the system (mechanically or automatically), and by using a refrigerated or adsorption dryer. The optimal solution is always to enable what is technically referred to as dry air, which is air of the highest quality.

COMPRESSION INCREASES THE CONCENTRATION OF PARTICLES

Compressed air contains foreign objects/particles which is sucked into the compressor, along with oil residues from the compressor itself, but in a higher concentration corresponding to the pressure - i.e. 10 times higher at 10 bar. Note that water in the compressed air installation is usually the cause for oil residues in the compressed air, as oil binds to the water. Particles in the compressed air can be treated by installing filtration up to the needed quality level.

100 LITRES OF
ATMOSPHERIC AIR = 10 LITRES AT A
PRESSURE OF 10 BAR

Note that the pressure gauge shows positive pressure, i.e. 0 bar at atmospheric pressure, and the absolute pressure is 1 plus the measured positive pressure.

An air compressor basically works on the same principles as a bicycle pump. The compressor is defined by several parameters.

COMPRESSION TECHNOLOGY

Generally, this is distinguished between a piston and a screw compressor.

A piston compressor consists of one or more pistons, that compresses the air. Piston compressors are suitable for compressing in defined cycles. The load should never exceed 50-60%.

Screw compressors consist of two oppositely rotating screws (male and female screw), which compresses the air. The screws are usually oil-cooled (directly onto the screws) in a closed system. Oil-cooling entails that, regardless of load rate and pressure, the temperature rarely exceeds 80°C. Screw compressors are thus optimized for continuous operation and can withstand load rates of 90-100%.

COMPRESSION STAGES

One-stage compressors compress atmospheric air directly into compressed air, through one or more pistons. They are primarily used for pressures of up to 10 bar on piston compressors.

Multi-stage compressors compress the air in several stages, allowing the compressor to deliver higher pressure more efficiently. They are primarily used at pressures higher than 10 bar.

ENERGY SOURCE

- Electricity: Single-phase/three-phase
- Petrol or diesel-driven
- Hydraulic

LUBRICATION

An oil-lubricated compressor is optimal in terms of lubrication but increases the risk of oil residues in the compressed air.

An oil-free compressor uses materials in Teflon or carbon fibre on the cylinder and closed bearings. The air is thus free of any oil residue caused by the compressor.

AIR RECEIVER

Tank mounted options are often used for smaller and medium-sized compressors with standard configuration.

A separate tank is used when the solution is designed specifically for the customer's actual need for compressed air.



RECOMMENDATIONS

THE OPTIMAL SOLUTION IS ALWAYS DESIGNED ACCORDING TO THE COMPRESSED AIR REQUIREMENTS.

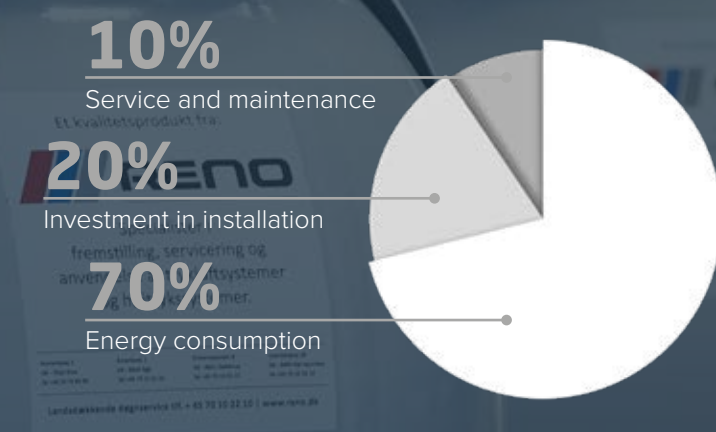
LOAD RATE

For optimal dimensioning of a solution it is relevant to focus on the load rate. The load rate indicates how much of the total operational time, during which the compressor should be fully loaded.

At a load rate of 50% the piston compressor should be allowed 3 minutes of rest, following 3 minutes of compression. This means, that the compressor, when used for a recommended single-shift, will effectively run for 4 hours every 24 hours.

COSTS OF COMPRESSED AIR

The costs of a compressed air installation, are generally allocated as follows:



AIR COMPRESSION TIPS

Advice for reducing the energy consumption:

1. Ensure correct dimensioning of the compressor and receiver
2. Consider simultaneous operation of several compressors with varying consumption
3. Install the compressor in a cooled room
4. Install the compressor close to the work area
5. Turn the unit off when not in use
6. Regularly inspect the installation for leaks
7. Avoid unnecessary high pressures in the system
8. Avoid having too small differential pressure on the pressure switch
9. Consider potential for waste heat recovery

HOW TO CHOOSE THE RIGHT COMPRESSOR?

It is crucial that you are ensured a product or solution, which matches your needs. A compressor which is under-dimensioned will quickly become an irritant. However, an over-dimensioned compressor will be unprofitable long term.

When deciding on an air compressor, there are four basic elements to consider:

1. THE NEEDED AIR FLOW?

The compressed air flow can be calculated based on the tools/machines connected.

The load rate (0-100%) reflects how much the compressor is used. It is also relevant to consider the cycles in which the air is used.

2. WHICH WORKING PRESSURE?

As a rule, the compressor must be aligned with the connections that require the highest working pressure. However, the compressor must produce a higher pressure, to compensate for pressure drops in the installation.

In addition, the tank size can support any special requirements for the operating cycle.

4. WHAT AIR QUALITY IS REQUIRED?

The compressed air quality reflects specific requirements for e.g. water and oil contents, particles, sterility and odour/taste.

If there is special requirements for quality of the air, further analysis may be needed, which we are happy to assist with.

Examples of working pressure:

- > 2-4 bar: Spray painting
- > 6-7 bar: Pneumatics, cylinders, blowing
- > 7-8 bar: Various machine tools
- > 11-13 bar: Vulcanizers

The working pressure depends on the specific use, and the dealer should always be consulted.

OTHER CONSIDERATIONS

Finally, as an end-user, you need to consider the following:

- > Power access and connections
- > Ventilation to and from the compressor
- > Noise and odour issues
- > Accessibility for service and maintenance

3. HOW IS THE OPERATING CYCLE?

The operating cycle reflects how the compressed air is used in relation to work shifts and load rate.

Work shifts can be 1, 2 or 3 shifts per day.

RECOMMENDED LOAD RATES

	Piston compressor <i>Semi-professional</i>	Piston compressor <i>Professional</i>	Piston compressor <i>Industry</i>	Screw compressor <i>Tank mounted</i>	Screw compressor <i>Heavy industry</i>
Load rate	10-20%	40-50%	50-60%	80-100%	90-100%
Dimensioning of the installation	5-10 x needs	2.0-2.5 x needs	1.7-2.0 x needs	1.1-1.3 x needs	1.0-1.1 x needs
Max. production per day (recommended)	1 hour	4-6 hours (1 work shift)	6-8 timer (2 work shift)	16-20 hours	24 hours

COMPRESSED AIR QUALITY ACCORDINT TO ISO 8573-1 CLASSES

Classes	Particles (µm - mg/m³)	Water content (PDP - g/m³*)	Oil residues (mg/m³)
1	0.1 - 0.1	-70 - 0.003	0.01
2	1 - 1	-40 - 0.15	0.1
3	5 - 5	-20 - 0.88	1
4	15 - 8	+3 - 6	5
5	40 - 10	+7 - 7.8	25
6	x - x	+10 - 9.4	x
7	x - x	x	x

* m³ er komprimeret luft.

RECOMENDED FUSES FOR RENO COMPRESSED AIR UNITS

Motor		3 x 380 - 400 V			3 x 220 - 230 V		
(900, 1400 and 2800 rpm)		Motor rated current	Fuse		Motor rated current	Fuse	
			Direct start	YD start		Direct start	YD start
<i>kW</i>	<i>hp</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>
0.18	0.24	1.1	2	2	1.9	2	2
0.37	0.50	1.06	4	4	1.85	4	4
0.41	0.55	1.1	4	4	1.9	4	4
0.75	1.0	1.72	4	4	2.98	5	4
1.1	1.5	2.65	4	4	4.6	10	6
2.2	3	5.1	10	6	8.85	16	10
3	4	7.10	16	10	12.2	20	16
4	5.5	9.7	16	10	16.8	25	20
5.5	7.5	11	25	16	19	35	25
7.5	10	14.5	25	20	25.5	35	35
11	15	22	35	25	38	63	50
15	20	28.5	50	35	49	80	63
22	30	44	63	50	75	100	80

WATER CONTENT OF AIR AT DIFFERENT PRESSURE DEW POINTS (PDP) (100% RELATIVE HUMIDITY)

PDP		PDP		PDP		PDP	
°C	g/m³	°C	g/m³	°C	g/m³	°C	g/m³
100	588.2	58	118.1	16	13.5	-24	0.610
98	550.3	56	108.2	14	11.0	-22	0.730
96	514.4	54	98.8	12	9.0	-26	0.510
94	480.3	52	90.2	10	10.6	-28	0.410
92	448.3	50	82.2	8	9.3	-30	0.330
90	417.9	48	74.8	6	8.2	-32	0.271
88	389.2	46	68.0	5	7.2	-34	0.219
86	362.1	44	61.7	4	6.7	-36	0.178
84	336.6	42	55.9	3	6.3	-38	0.144
82	311.6	40	50.6	2	5.9	-40	0.117
80	290.0	38	45.5	0	5.5	-42	0.093
78	268.8	36	41.3	-2	4.8	-44	0.075
76	248.8	34	37.2	-4	4.1	-46	0.061
72	212.6	30	30.0	-8	3.5	-48	0.048
70	196.2	28	26.9	-12	2.9	-52	0.031
68	180.8	26	24.1	-14	1.8	-54	0.024
66	166.5	26	21.5	-16	1.5	-56	0.019
64	153.1	22	19.2	-18	1.2	-58	0.015
62	140.6	20	17.1	-19	1.0	-60	0.011
60	129.0	18	15.2	-20	0.8	-70	0.003

WHAT IS SOUND?

IT CAN BE DISRUPTIVE FOR THE WORK ENVIRONMENT TO HAVE A COMPRESSOR THAT MAKES TOO MUCH NOISE AND IS A NUISANCE FOR THE EMPLOYEES. THEREFORE, YOU SHOULD CONSIDER THE FOLLOWING INFORMATION WHEN CHOOSING A NOISE-FRIENDLY COMPRESSOR.

When we are using the compressor in a space, what we hear is the sound pressure that is, in other words, the relationship between power of sound of the compressor itself and the environment.

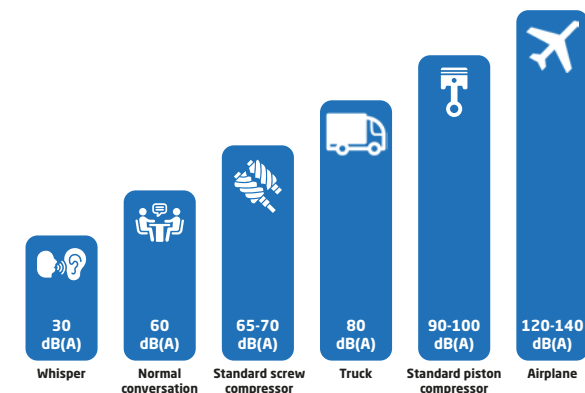
The sound power level LWA dB(A) is expressed in decibels. It represents the acoustic energy emitted by the machine. A standard 3HP air compressor has a sound power level of 93 dB(A).

The sound pressure level LPA dB(A) is expressed in decibels. The same 3hp air compressor generates a sound pressure level equal to averagely 73 dB(A).

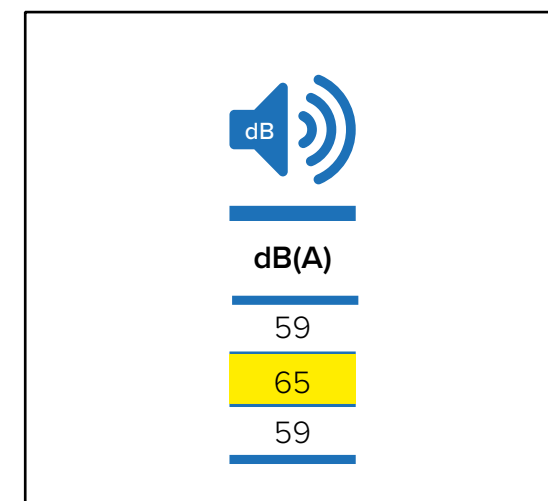
The precise LPA value is dependent on the distance between the source of power and the acoustic environment of propagation.

The standard distance used in this calculation by the industry is 4 meters between the user and machine.

To sum it up: the sound power level of technical sound sources is usually around 10 to 15 dB higher than the sound pressure level at a distance of 1m, and around 20 dB higher for a distance of 4m.

Comparison for a sound level dB(A)

Value on compressor label: As regulated by CEE, the sound power (LWA) has to be shown on all air compressors.



Value showed in the catalogue. The value is in dB(A).

OIL-FREE COMPRESSORS

OIL-FREE COMPRESSORS

RENO OFFERS A WIDE RANGE OF OIL-FREE COMPRESSORS. IN ADDITION TO OUR OWN OIL-FREE PISTON COMPRESSORS WE DISTRIBUTE CLEANAIR, SPIRALAIR AND WISAIR.



WHY OIL FREE?

- By choosing an oil-free compressor you avoid the risk of oil residues in your compressed air system or your equipment, without compromising the efficiency of the task you're performing. This is beneficial for both the result of your work, and the environmental impact of the compressor system.

COST-EFFICIENT SOLUTION

- ✓ Reduced maintenance costs
- ✓ No filter changes
- ✓ No oil consumption

In addition, by avoiding contamination of your equipment you reduce extra repair or replacements costs related to this.



RENO TECH



100% duty cycle

With RENO TECH, you get maximum productivity and minimal downtime. Unlike traditional piston compressors, RENO TECH compressors do not need cooling intervals.










Mobile design



Both models in the RENO TECH range come in a smart mobile design, making them ideal for varied applications where the compressor needs to be easily portable and air needs to be delivered without breaks.

OIL-FREE COMPRESSOR WITH 100% DUTY CYCLE

Reno Tech is a range of oil-free piston compressors that can handle a 100% continuous duty cycle. The models in the range are easy to operate, easy to move around and quiet down to 68 dB(A). Choose between the RT 330/24 or RT 480/90, supplying your workplace with 200 and 310 liters of oil-free compressed air per minute respectively, without downtime



Model	At. nr.	kW	hp	L/min.	bar	rpm	L	dB(A)	V	kg	LxWxH (mm)
RT 330/24	4116001764	2.2	3	330	10	1400	24	68	230/1/50	36	550x480x790
RT 480/90	4116001765	3	4	480	10	1400	90	72	400/3/50	72	1030x530x730

OF 0,75/6 | 2/24



OF 2/24



OF 0,75/6










Silent compressor

Our small oil-free piston compressors offer low-noise operation - as low as 62 dB(A)!



MOBILE OIL-FREE COMPRESSOR

Handy, mobile compressor for small hobby and craftsman tasks. Ideal if you need quick access to compressed air, while on the road. Only requires single-phase power supply. OF 0,75/6 and 2/20 are trolley models, while OF 2/24 is a traditional, mobile piston compressor.



Model	Art. no.	kW	hp	L/min.	bar	rpm	L	dB(A)	V	kg	LxWxH (mm)
OF 0,75/6	1129740303	0.56	0.75	140	8	1420	6	62	230/1/50	17	363x279x521
OF 2/24	1129740304	1.5	2	230	9	1420	24	62	230/1/50	24	616x300x574

OF 1,5/6 | 100/5



OF 1,5/6



100/5










12/24 VDC

The 100/5 compressor only requires 12 or 24 VDC power and is thus ideal for use on the road, inside service vehicles or likewise.



MOBILE OIL-FREE COMPRESSOR

Lightweight mobile compressor for small craftsman tasks and hobby use. 100/5 only requires 12/24 V, and is equipped with handle, making it ideal for tasks on the road.

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Model	Art. no.	kW	hp	L/min.	bar	rpm	L	dB(A)	V	kg	LxWxH (mm)
OF 1,5/6	1121020393	1,5	2	220	8	2850	6	68	230/1/50	14	363x279x251
100/5	4016	270 W	0.5	25	8	1500	5	-	12 VDC	10	400x160x420
		270 W	0.5	50	8	3000	5	-	24 VDC		

CLEANAIR VR









CleanAIR oil-free

CleanAIR develops and produces compressors of the highest quality. Always 100% oil free, so you can safely use their compressors for critical processes, like water treatment facilities.



COMPRESSOR FOR WATER TREATMENTS

Compressor developed specifically for private water treatment facilities. Very silent and 100% oil free. Including vibration absorber and inlet filter. Available for both single-phase and 3-phase power.

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Model	Art. no.	kW	hp	L/min.	L/min.*	bar	dB(A)	V	kg	LxWxH (mm)	
CleanAIR VR - 1-phase	10111038	0.31	0.4	38	20	10	57	230/1/50	6.3	252x165x180	
CleanAIR VR - 3-phase	10111005	0.31	0.4	38	20	10	57	400/3/50	6.3	252x165x180	

* At 5 bar

cleanAIR

CLEANAIR COMPRESSORS

CLEANAIR IS OUR OIL-FREE COMPRESSORS DESIGNED TO DELIVER COMPRESSED AIR OF THE HIGHEST QUALITY, FOR DENTAL CLINICS, LABORATORIES, FOOD INDUSTRIES AND LIKEWISE, IN NEED OF 100% CLEAN AIR.



CLR DENTAL COMPRESSORS

➤ CLR is a range of oil-free compressors developed specifically for dentists. Low-noise compressors as standard, with the option of silencing canopies for even higher comfort level. Available in different models, to fit the number of dental chairs in the clinic.

CNR INDUSTRY COMPRESSORS

➤ CNR is CleanAIR's larger compressor range, designed for industrial purposes with need for clean air. Very reliable and efficient compressors, well-suited for food, medical and electronics industries, which require clean air in their manufacturing processes.



ADVANTAGES OF CLEANAIR:

- ✓ 100% oil free - no contamination
- ✓ Low-noise for comfortable operation
- ✓ Reduced maintenance costs
- ✓ No need for treatment of oil residues
- ✓ Increased longevity

The use of oil-free compressed air also reduces your company's negative environmental impact, compared to using an oil-lubricated compressor.

CLR 15 - 25



INSTALLATION OPTIONS

CLR compressors are developed to fit most dental clinics, with different factory-mounted options:

- Open-frame or silencing canopy
- 25 or 50 L air receiver (open-frame compressor)
- With or without integrated adsorption dryer (-40°C)

ADVANTAGES OF CLR RANGE:

- ✓ All receivers are internally coated with epoxy to avoid corrosion
- ✓ Innovative design of silencing canopy to ensure efficient cooling
- ✓ Water separator collects majority of water droplets and ensures dry air in the system
- ✓ Electrical motor with automatic thermal protection

WHAT COMPRESSOR SIZE?

Number of dentist chairs:	1-2 chairs	2-3 chairs	4-5 chairs
Compressor without canopy (open-frame)			
CLR 15/25	✓		
CLR 15/50	✓		
CLR 20/25		✓	
CLR 20/50		✓	
CLR 25/50			✓
Silencing canopy for additional comfort			
CLR 15/30	✓		
CLR 20/30		✓	



COMPRESSOR WITHOUT CANOPY



Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	dB(A)	L	V	kg	LxWxH (mm)
CLR 15/25	4116092255	1.1	1.5	240	125	8	1400	71	25	230/1/50	31	470x430x670
CLR 15/25 T	4116092256	1.1	1.5	240	125	8	1400	71	25	230/1/50	43	530x470x670
CLR 15/50	4116092259	1.1	1.5	240	125	8	1400	71	50	230/1/50	36	450x470x850
CLR 15/50 T	4116092260	1.1	1.5	240	125	8	1400	71	50	230/1/50	47	600x470x850
CLR 20/25	4116092257	1.5	2	350	155	8	1400	74	25	230/1/50	36	470x460x700
CLR 20/25 T	4116092258	1.5	2	350	155	8	1400	74	25	230/1/50	50	550x470x700
CLR 20/50	4116092261	1.5	2	350	155	8	1400	74	50	230/1/50	40	450x470x850
CLR 20/50 T	4116092262	1.5	2	350	155	8	1400	74	50	230/1/50	54	600x470x850
CLR 25/50	4116092289	2	2.5	480	240	8	1400	77	50	230/1/50	52	640x470x890
CLR 25/50 T	4116092290	2	2.5	480	240	8	1400	77	50	230/1/50	60	640x470x890

COMPRESSOR WITH SILENCING CANOPY



Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	dB(A)	L	V	kg	LxWxH (mm)
CLR 15/30	4116092267	1.1	1.5	240	125	8	1400	64	30	230/1/50	68	650x440x760
CLR 15/30 T	4116092268	1.1	1.5	240	125	8	1400	64	30	230/1/50	75	730x440x760
CLR 20/30	4116092269	1.5	2	350	155	8	1400	64	30	230/1/50	72	650x440x760
CLR 20/30 T	4116092270	1.5	2	350	155	8	1400	64	30	230/1/50	79	730x440x760

T = incl. integrated adsorption dryer (-40°C)
* At 5 bar

CNR 75 - 100

INSTALLATION OPTIONS

CLR compressors are available in three configurations. Basemounted and tankmounted, on a 270 or 500 L air receiver.

The compressors are developed for industries with critical processes, that need compressed air without any form of contamination.

When using oil-lubricated compressors, regardless of the filtration system, there will always be a small risk that some oil aerosols is released into the system. This risk is completely eliminated by installing an oil-free compressor.



ADVANTAGES OF CNR RANGE:

- ✓ Designed for continuous operation 24/7
- ✓ Efficient filtration and cooling
- ✓ 100% clean air (ref. ISO 8573-1)
- ✓ Low maintenance costs
- ✓ Start/stop technology for optimized energy consumption
- ✓ Installed in silencing canopy



ADVANCED CONTROLLER

- CNR is equipped with an advanced Infologic controller, that monitors set points and service cycles, and provides energy saving operation. It also includes remote control and alarms.

CNR 75



Installation	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	dB(A)	L	V	kg	LxWxH (mm)
Basemounted	8115465687	5.5	7.5	1140	660	10	1500	67	-	400/3/50	244	1442x808x871
Tankmounted 270 L	8115465695	5.5	7.5	1140	660	10	1500	67	270	400/3/50	319	1752x808x1315
Tankmounted 500 L	8115465703	5.5	7.5	1140	660	10	1500	67	500	400/3/50	364	1984x808x1457

* At 7 bar

CNR 100



Installation	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	dB(A)	L	V	kg	LxWxH (mm)
Basemounted	8115465687	7.5	10	1470	930	10	1500	69	-	400/3/50	256	1442x808x871
Tankmounted 270 L	8115465695	7.5	10	1470	930	10	1500	69	270	400/3/50	331	1752x808x1315
Tankmounted 500 L	8115465703	7.5	10	1470	930	10	1500	69	500	400/3/50	376	1984x808x1457

* At 7 bar



PISTON COMPRESSORS

OI 2/24










Top-class mobility

With its compact design, smart handle and robust wheels, this type of compressor is ideal for tasks around the workarea.



MOBILE WORKSHOP COMPRESSOR

Small, handy compressor, well-suited for small craftsman tasks and hobby use. Only requires single-phase power supply.

<div></div>											
Model	Art. no.	kW	hp	L/min.	bar	rpm	L	dB(A)	V	kg	LxWxH (mm)
OI 2/24	1129740318	1.5	2	220	10	2850	24	95	230/1/50	24	610x310x580

OI 2/10 | 360/20

Including filter panel

The compressor is equipped with a filter panel where you can see outlet pressure and the pressure inside the tank.












OI 2/10



360/20

TROLLEY COMPRESSOR

The single-phase trolley model is popular for smaller tasks on construction sites, and other craftsman tasks on the road. Very easy to move around in difficult terrain. Including thermal protection and cast iron cylinders.

<div></div>											
Model	Art. no.	kW	hp	L/min.	bar	rpm	L	dB(A)	V	kg	LxWxH (mm)
OI 2/10	1129740380	1.5	2	220	10	2850	10	95	230/1/50	21	420x330x635
360/20	1129741230	2.2	3	360	10	2800	20	95	230/1/50	45	600x470x782

SILENT AIR 0,5



Only 40 dB(A)!

Extremely silenced model, ideal for small indoor tasks.



SILENT COMPRESSOR

Very handy compressor, suitable for small craftsman tasks in customer homes. Weighing only 25 kg and with a lifting bar, this compressor is easy to transport. Only requires single-phase power supply.

Model	Art. no.	kW	hp	L/min.	bar	rpm	L	dB(A)	V	kg	LxWxH (mm)
Silent Air 0,5	4005	0.37	0.5	50	8	2800	10	40	230/1/50	25	300x300x400

250/50



Compact design

Handy compressor suitable for many small craftsman tasks. Designed for optimized mobility.



MOBILE WORKSHOP COMPRESSOR

Compact, robust compressor for smaller tasks around the workshop and for craftsmen. With two 100% cast iron cylinders. Available both as single-phase and three-phase.

Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
250/50 - 1-phase	4116028091	1.5	2	255	126	10	1075	50	93	230/1/50	45	815x350x690
250/50 - 3-phase	4116028090	1.5	2	255	126	10	1075	50	93	400/3/50	45	815x350x690

* At 7 bar
** Also available for 230/3/50.

400/90



Mobile all-rounder

Highly versatile compressor, that will fit most smaller tasks around the workshop.



MOBILE WORKSHOP COMPRESSOR

Sturdy, mobile compressor well-suited for smaller tasks in workshops. Incl. regulator, two cast iron cylinders and non-puncture wheels.



Model	Art. no	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
400/90	4116028354	2.2	3	393	228	10	1050	90	93	400/3/50	55	1000x390x815

* At 7 bar
** Also available for 230/3/50.

450/90 | 500/90



Mobile and versatile

Very popular auto compressor designed for mobility, with sturdy wheels in the front and back.



STURDY WORKSHOP COMPRESSOR

Highly mobile compressor, suitable for tasks in an auto repair shop or for agricultural purposes. With two 100% cast iron cylinders, regulator and non-puncture wheels.



Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
450/90	4116028358	2.2	3	444	228	11	1050	90	93	400/3/50	55	1000x390x815
500/90	4116028355	3	4	484	369	11	1115	90	97	400/3/50	70	1000x390x815

* At 7 bar
** Also available for 230/3/50.

600/90 | 600/270



90 or 270 L?











If you require a lot of air, you can choose the 600/270 model. Same motor and pump, but with a bigger air receiver.



If mobility is more important, the 600/90 model, with wheels and handle, is the choice for you.

PROFESSIONAL COMPRESSOR

Strong, reliable compressor with two cast iron cylinders, well-suited for use in the auto repair shop. Available as a mobile version with 90 L receiver, or stationary with a 270 L receiver.

<div></div>												
Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
600/90	4116028357	4	5.5	595	455	11	1400	90	97	400/3/50	70	1040x390x845
600/270	4116028760	4	5.5	595	455	11	1400	270	97	400/3/50	112	1470x500x1005

* At 7 bar
** Also available for 230/3/50.

670/90 | 670/270



670/270



670/90

Accessories:

We recommend adding automatic water drain, to ensure optimized operation. Art. no. 400470.













Need for mobility?



The mobile 670/90, with sturdy wheels and handle, ensures you high mobility for your air tasks.

PROFESSIONAL COMPRESSOR

Sturdy, reliable compressor with two cast iron cylinders. For light industrial use and auto repair shops with multiple users. Equipped with powerful pump for higher efficiency. Available in mobile and stationary versions.

												
Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
670/90	4116000534	4	5.5	666	417	11	1000	90	95	400/3/50	140	1008x511x1109
670/270	4116000320	4	5.5	666	417	11	1000	270	95	400/3/50	160	1490x510x1195

* At 7 bar
** Also available for 230/3/50.

670/90+90 | 950/90+90













Star-Delta starter?

The 950/90+90 is available with or without Star-Delta starter. By choosing Star-Delta you protect your power supply with a lower ampere consumption.



PROFESSIONAL TWIN COMPRESSOR

Very reliable twin compressor with two 90 L air receivers, for better air flow. 100% cast iron cylinders. Suitable for small industries and auto repair shops. 950/90+90 is available with or without Star-Delta starter.

<div></div>												
Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
670/90+90	4116000319	4	5.5	666	417	11	1000	90+90	95	400/3/50	125	1000x750x1130
950/90+90	4116000322	5.5	7.5	950	560	11	750	90+90	102	400/3/50	155	1000x750x1130
950/90+90 YD	4116000323	5.5	7.5	950	560	11	750	90+90	102	400/3/50	155	1000x750x1130

* At 7 bar
** Also available for 230/3/50.

950/270













Star-Delta or not?

When choosing a compressor with Star-Delta starter, you protect your power supply with a lower ampere consumption.



PROFESSIONAL COMPRESSOR

Powerful piston compressor for smaller industries and large auto repair shops. With two cast iron cylinders and 270 L air receiver. Available with or without Star-Delta starter.

												
Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
950/270	4116000324	5.5	7.5	950	560	11	750	270	102	400/3/50	165	1490x510x1195
950/270 YD	4116000325	5.5	7.5	950	560	11	750	270	102	400/3/50	165	1490x510x1195

* At 7 bar
** Also available for 230/3/50.

410/200 | 670/200



Accessories:










For larger piston compressors we always recommend an automatic water drain, to ensure optimized operation.



Aut. water drain, complete with timer, filter and nipples:
Art. no. 400470

15 BAR COMPRESSOR

Compressor designed for 15 bar pressure, suitable for light industrial tasks that require high pressure. Equipped with cast iron cylinders. Available in two models, with 3 or 4 kW motor, both mounted on a 200 L air receiver.

												
Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
410/200	4116000316	3	4	405	298	15	630	200	95	400/3/50	140	1400x485x1130
670/200	4116000321	4	5.5	684	370	15	785	200	95	400/3/50	125	1400x485x1130

* At 7 bar
** Also available for 230/3/50.

FF 480/90













Mobile or stationary?

FF 480/90 is available as both mobile and stationary. If you perform tasks at a fixed location, a stationary model may be more suitable.



FF INDUSTRIAL COMPRESSOR

Compressor for smaller industrial tasks, or small auto repair shops. Incl. 100% cast iron block. Very reliable compressor, available in mobile and stationary versions.

												
Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
FF 480/90	4116000341	3	4	474	302	10	632	90	91	400/3/50	115	1000x380x880
FF 480/90 ST	4116000342	3	4	474	302	10	632	90	91	400/3/50	115	1000x380x880

* At 7 bar
** Also available for 230/3/50.

FF 680/90

Galvanized tank

If the compressor is used in aggressive environment, such as agriculture, we recommend a galvanized air receiver. This will ensure the longevity that FF compressors are known for.



FF 710/90+90

Aut. water drainage

Both models are incl. automatic water drain, which ensures longevity and optimal operation.



POWERFUL INDUSTRY COMPRESSOR

Sturdy and reliable, mobile compressor with galvanized air receiver, suitable for harsh environments. Ideal for agricultural use. With 100% cast iron block and manual water drainage.

TWIN INDUSTRY COMPRESSOR

FF Industry compressor for agricultural use and larger auto repair shops. With two 90 L air receivers, for extra high air flow. If the compressor is used in agriculture, we recommend the galvanized receiver, which is suitable for the aggressive environment found here.



Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
FF 680/90	4116000343	4	5.5	672	436	10	913	90	95	400/3/50	140	1000x380x880
FF 680/90 GALV	4116000344	4	5.5	672	436	10	913	90	95	400/3/50	140	1000x380x880
FF 680/90 ST	4116000345	4	5.5	672	436	10	913	90	95	400/3/50	140	1000x380x880

* At 7 bar

** Also available for 230/3/50.



Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
FF 710/90+90	4116000346	4	5.5	708	451	10	576	90+90	96	400/3/50	180	1000x750x1130
FF 710/90+90 GALV	4116000347	4	5.5	708	451	10	576	90+90	96	400/3/50	180	1000x750x1130

* At 7 bar

** Also available for 230/3/50.

FF 730/270 | 730/500










Accessories:

To ensure optimized operation, we always recommend to add automatic water drain. Art. no. 400470



POWERFUL INDUSTRY COMPRESSOR

Very strong compressor for industrial purposes, with multiple users and large tasks, that require a lot of air. 100% cast iron block/ring valves. With 270 or 500 L receiver.



Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
FF 730/270	4116000348	4	5.5	726	451	10	578	270	96	400/3/50	200	1490x530x1100
FF 730/500	4116000349	4	5.5	726	451	10	578	500	96	400/3/50	270	1900x620x1170

* At 7 bar
** Also available for 230/3/50.

FF 970/90+90










Star-Delta or not?

When choosing a compressor with Star-Delta starter, you protect your power supply with a lower ampere consumption.



TWIN INDUSTRY COMPRESSOR

Powerful industry compressor with twin receivers, for higher air flow. Well-suited for industrial and agricultural use, and for large auto repair shops with multiple users. Equipped with cast iron block and automatic water drainage. Available with or without Star-Delta start.



Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
FF 970/90+90	4116000350	5.5	7.5	966	561	10	784	90+90	96	400/3/50	200	1000x750x1130
FF 970/90+90 YD	4116000351	5.5	7.5	966	561	10	784	90+90	96	400/3/50	200	1000x750x1130

* At 7 bar
** Also available for 230/3/50.

FF 970/500

Star-Delta or not?

When choosing a compressor with Star-Delta starter, you protect your power supply with a lower ampere consumption.



LARGE INDUSTRIAL COMPRESSOR

Powerful FF compressor with large 500 L air receiver, to ensure maximum air flow for multiple users at once. 100% cast iron block/ring valves. Requires 25 ampere. Available with or without Star-Delta start.



Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
FF 970/500	4116000352	5.5	7.5	966	586	10	789	500	96	400/3/50	280	1900x620x1170
FF 970/500 YD	4116000353	5.5	7.5	966	586	10	789	500	96	400/3/50	280	1900x620x1170

* At 7 bar
** Also available for 230/3/50.

FF 1300/500 | 1700/500 FF 1100/500 | 1450/500



LARGE INDUSTRIAL COMPRESSOR

Very powerful piston compressor with 4-cylinder cast iron block. Ideal for industrial purposes with multiple users. Incl. Star-Delta starter, which protects your power supply by lower ampere consumption.



Model	Art. no.	kW	hp	L/min.	L/min.*	bar	rpm	L	dB(A)	V**	kg	LxWxH (mm)
FF 1300/500 YD	4116000367	7.5	10	1300	814	10	855	500	98	400/3/50	310	1900x620x1170
FF 1700/500 YD	4116000369	11	15	1700	1107	10	1080	500	102	400/3/50	340	1900x620x1170
FF 1100/500 YD	4116000368	7,5	10	1100	662	15	730	500	98	400/3/50	310	1900x620x1170
FF 1450/500 YD	4116000370	11	15	1450	955	15	960	500	102	400/3/50	340	1900x620x1170

* At 7 bar
** Also available for 230/3/50.

SILENT COMPRESSORS

RENO SUPER-SILENT IS OUR NEW RANGE OF SILENCED PISTON COMPRESSORS, HIGHLY SUITABLE FOR COMPANIES WITHOUT A COMPRESSOR ROOM, IN NEED OF LOTS OF AIR WITHOUT ANY NOISE NUISANCE.



EXCEPTIONAL LOW NOISE LEVEL

> The Super-Silent range features a very low noise level, **as low as only 65 dB(A)**, which reduces the typical noise nuisance known from compressors.

The canopy is built in robust metal with a layer of noise insulating foam on all panels.

ADVANTAGES OF SUPER-SILENT RANGE:

- ✓ Optimized air flow
- ✓ Lower rpm reduces wear on the pumps
- ✓ Compact design that requires less installation space
- ✓ Removable panels for easy service and maintenance
- ✓ Star-Delta starter on selected models

In addition, Silent 650 and 750 is equipped with a cooling fan with thermostat for optimized cooling. Models with a 500 L receiver is also available with refrigerated dryer.











AVAILABLE INSTALLATIONS

	Start	Basemounted	Tankmounted 270 L	Tankmounted 500 L	Tankmounted 500 L incl. dryer
Silent 650	DOL	✓	✓		✓
	YD	✓	✓		✓
Silent 750	DOL	✓		✓	✓
	YD	✓		✓	✓

SILENT 650 | 750



Silent 650 and 750 are available as base-mounted or tankmounted. Models with a 500 tank are available with refrigerated dryer. All versions are available with or without YD start.

										
Model	Art. no.	kW	hp	l/min.	l/min.*	bar	rpm	L	dB(A)	V**
650	4116025835	4	5.5	650	406	11	1005	0	65	400/3/50
650 YD	4116025836									
650/270	4116025837	4	5.5	650	406	11	1005	270	65	400/3/50
650/270 YD	4116025838									
650/500 D	4116025839	4	5.5	650	406	11	1005	500	65	400/3/50
650/500 D YD	4116025840									
750 YD	4116025842	5.5	7.5	750	448	11	1150	0	69	400/3/50
750/500	4116025843	5.5	7.5	750	448	11	1150	500	69	400/3/50
750/500 YD	4116025844									
750/500 D	4116025845	5.5	7.5	750	448	11	1150	500	69	400/3/50
750/500 D YD	4116025846									

D = integrated dryer. YD = incl. YD start.
* At 7 bar ** Also available for 230/3/50

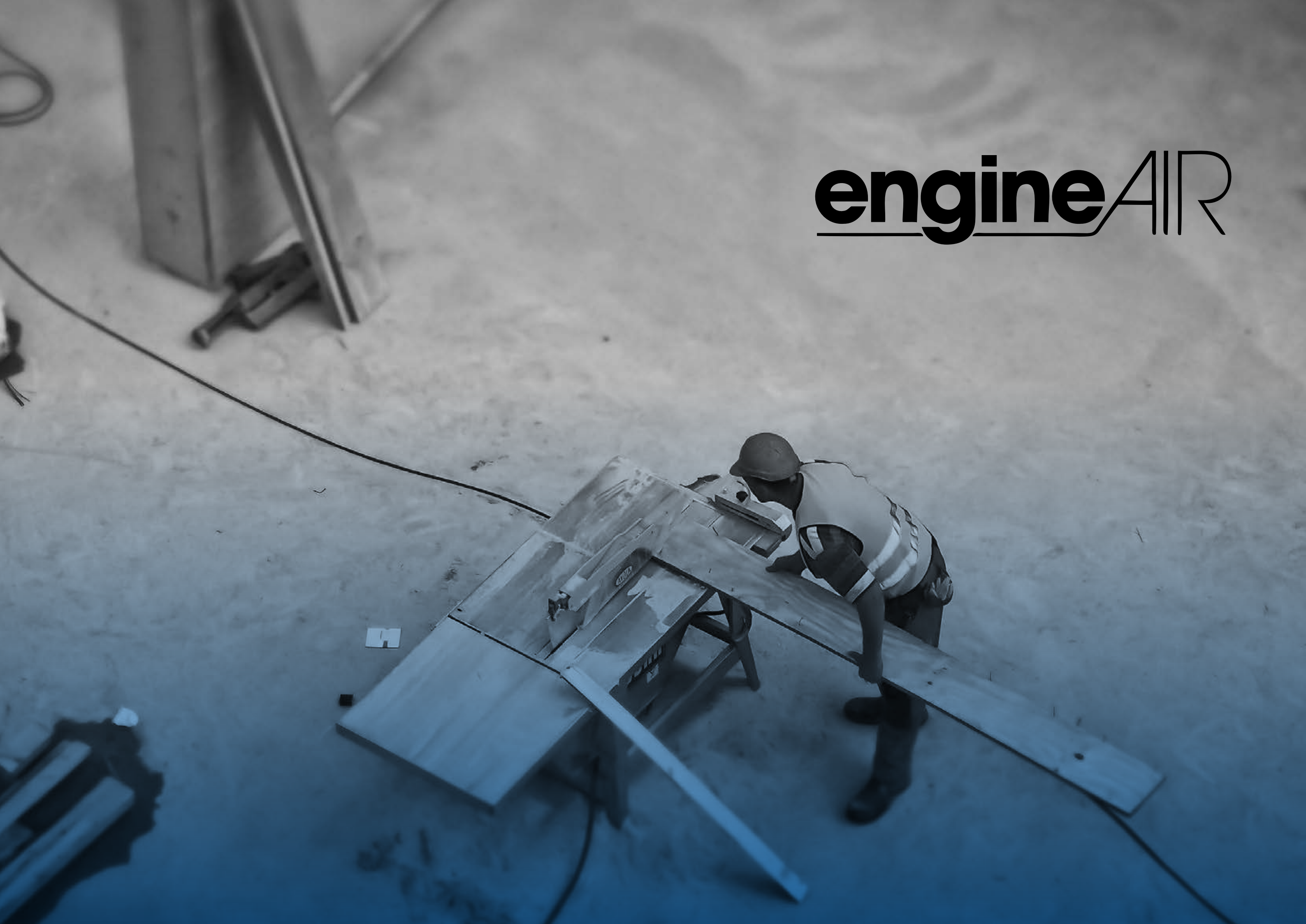


	Length (mm)	Width (mm)	Height (mm)	Kg*
Basemounted	738	955	1000	153/229
**Tankmounted 270 L	738	1513	1242	220
Tankmounted 500 L	738	1593	1593	253/355

*Silent 650 / Silent 750
**Tankmounted 270 L only applies to Silent 650



engineAIR



5/2,5 | 5/4 | 5/20 | 5/22



engineAIR 5/2,5 og 5/4










engineAIR 5/22



engineAIR 5/20

MOBILE PETROL-DRIVEN COMPRESSOR

Handy compressor with petrol-driven Honda motor. Suitable for small agricultural or craftsman tasks. 5/2,5 and 5/4 is hand-carried, lightweight models, while 5/20 and 5/22 is trolley models, equipped with sturdy wheels for mobility in rough terrain.



Model	Art. no.	kW	hp	L/min.	bar	rpm	L	dB(A)	kg	LxWxH (mm)
engineAIR 5/2,5	1121440133	3.5	4.8	275	10	3400	2,5	76	28	620x410x480
engineAIR 5/4	1121440134	3.5	4.8	275	10	3400	4	76	29	530x440x440
engineAIR 5/20	1121440135	3.5	4.8	275	10	3400	20	76	40	610x460x850
engineAIR 5/22	1121440136	3.5	4.8	320	10	1350	22	76	54	740x470x850

5/24 | 5/50 | 5/100 | 5/200



engineAIR 5/24



engineAIR 5/50










engineAIR 5/100



engineAIR 5/200

MOBILE PETROL-DRIVEN COMPRESSOR

Reliable, petrol-driven compressor with powerful Honda motor. Well-suited for agricultural tasks or for auto repair shops. Receiver size from 24 - 200 L, depending on your needs. All models are transportable with an ergonomic handle.



Model	Art. no.	kW	hp	L/min.	bar	rpm	L	dB(A)	kg	LxWxH (mm)
engineAIR 5/24	1121440137	3.5	4.8	411	10	1070	24	76	60	850x560x770
engineAIR 5/50	1121440110	3.5	4.8	411	10	1070	50	76	66	980x440x780
engineAIR 5/100	1121440112	3.5	4.8	411	10	1070	100	76	72	1110x520x940
engineAIR 5/200	1121440113	3.5	4.8	411	10	1070	200	76	98	1510x600x1010

5/11+11 | 5/11+11R | 9/17+17










engineAIR 5/11+11 R

engineAIR 9/17+17

PETROL-DRIVEN TWIN COMPRESSOR

Transportable compressor with twin receivers. With its petrol-driven Honda motor, handles and sturdy wheels, this compressor is ideal for use on construction sites. 5/11+11R is equipped with a robust steel frame and top plate as extra protection.



Model	Art. no.	kW	hp	L/min.	bar	rpm	L	dB(A)	kg	LxWxH (mm)
engineAIR 5/11+11	1121440114	3.5	4.8	411	10	1070	11+11	76	70	1230x710x750
engineAIR 5/11+11 R	1121440115	3.5	4.8	411	10	1070	11+11	76	78	1230x710x800
engineAIR 9/17+17	1121440125	6.2	8.4	552	10	1160	17+17	77	107	1480x760x850

6/50 | 9/50










engineAIR 6/50

engineAIR 9/50

PETROL-DRIVEN CONSTRUCTION COMPRESSOR

Mobile compressor for construction sites, with petrol-driven motor and powerful pump. Built for easy transportation around construction sites and other craftsman tasks. 9/50 is available for both 10 bar and 14 bar, if higher pressure is needed.



Model	Art. no.	kW	hp	L/min.	bar	rpm	L	dB(A)	kg	LxWxH (mm)
engineAIR 6/50	1121440120	4.3	5.8	454	10	1280	50	77	88	1270x440x880
engineAIR 9/50 10bar	1121440117	6.2	8.4	552	10	1160	50	77	100	1270x440x910
engineAIR 9/50 14bar	1121440124	6.2	8.4	524	14	1100	50	77	100	1270x440x910

4/100 | 9/270



engineAIR 4/100



engineAIR 9/270

MOBILE PETROL-DRIVEN COMPRESSOR

Mobile piston compressor with petrol-driven Honda motor. Both models are equipped with ergonomic handle and sturdy wheels. 4/100 is well-suited for use in workshops with small tasks, while 9/270 is a powerful compressor for more demanding tasks.



Model	Art. no.	kW	hp	L/min.	bar	rpm	L	dB(A)	kg	LxWxH (mm)
engineAIR 4/100	1121440138	3.4	4.8	320	10	1350	100	75	70	1110x520x940
engineAIR 9/270	1121440121	6.2	8.4	552	10	1160	270	77	170	1540x630x1160

12/270 | 13/270 | 12/150



engineAIR 12/270



engineAIR 13/270

STATIONARY PETROL-DRIVEN COMPRESSOR

Stationary compressor with petrol-driven motor, for tasks that require a lot of air or multiple users. Well-suited for agriculture and auto repair shops. 13/270 is available in 10 and 14 bar versions, while 12/270 is designed for 14 bar. All machines are with electric starter. 12/150 have a galvanized receiver,



Model	Art. no.	kW	hp	L/min.	bar	rpm	L	dB(A)	kg	LxWxH (mm)
engineAIR 13/270 10 ES	1121440119	8.6	11.7	676	10	1185	270	77	185	1540x520x1080
engineAIR 12/270 14 ES	1121440122	8.6	11.7	633	14	1110	270	77	185	1540x520x1080
engineAIR 12/270 ES	1121440123	8.6	11.7	972	14	1045	270	78	195	1540x520x1130
engineAIR 12/150 ES	1121440158	8,6	11,7	972	14	1185	150	77	150	1347x519x999

ES = electric starter

5/270 | 6/270 | 10/270 | 11/270



engineAIR 5/270



engineAIR 6/270











engineAIR 10/270



engineAIR 11/270

DIESEL-DRIVEN COMPRESSOR

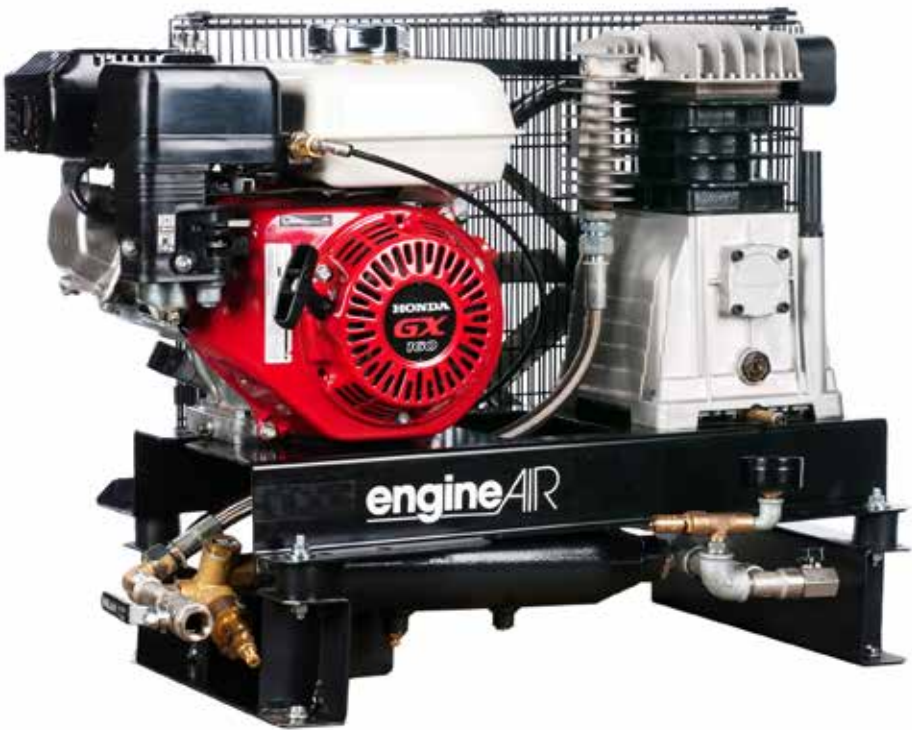
Mobile or stationary compressor with powerful diesel motor. Well-suited for industrial tasks, that require large amounts of air. 5/270 and 6/270 are both ideal for tasks where mobility is needed, while 10/270 and 11/270 is designed for 14 bar pressure.



Model	Art. no.	kW	hp	L/min.	bar	rpm	L	dB(A)	kg	LxWxH (mm)
engineAIR 5/270	1121440127	5.2	7	470	10	1325	270	77	179	1540x630x1220
engineAIR 6/270	1121440128	5.2	7	541	10	1135	270	77	184	1540x630x1220
engineAIR 10/270 ES	1121440129	7.4	10	727	14	1275	270	78	198	1540x520x1140
engineAIR 11/270 ES	1121440130	7.4	10	1038	14	1115	270	78	208	1540x520x1140









ES = electric starter

12 | BI 12



BASE MOUNTED COMPRESSOR

Base mounted compressor with powerful petrol and diesel motor. Well-suited for industrial tasks, that require large amounts of air.











Model	Art. no.	kW	hp	l/min.	bar	rpm	L	dB(A)	kg	LxBxH (mm)
engineAIR 12 Petrol	4116002082	8,8	11,7	893	11	960	0	104	142	1200x685x880
engineAIR 12 Diesel	4116002083	8,8	12	1050	11	1100	0	110	154	1200x685x880
BI engineAIR 12 Diesel 3 KvA*	4116002084	8,8	12	1000	11	1050	0	110	201	1200x685x880

BI 10/270



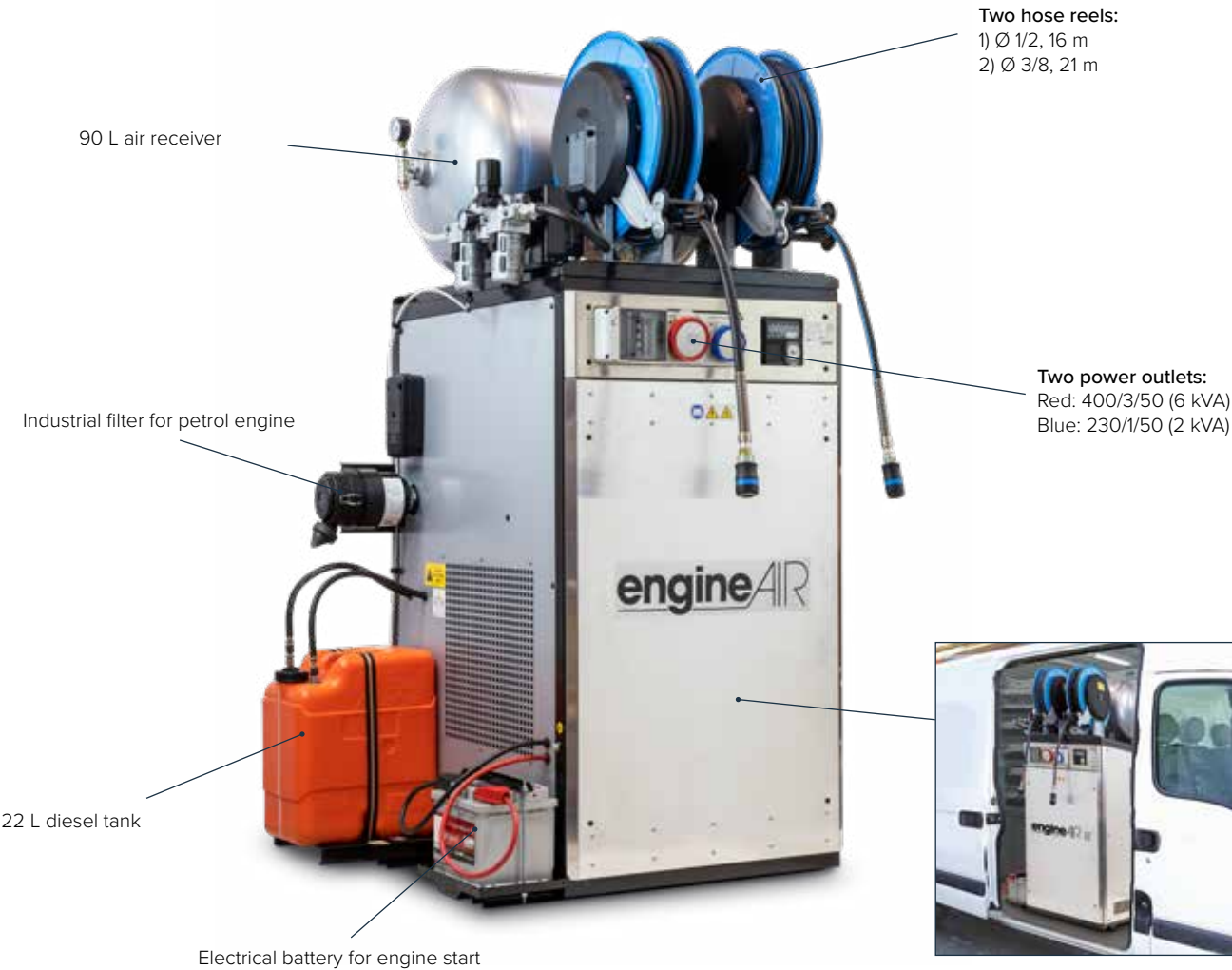
COMPRESSOR WITH GENERATOR

Stationary diesel-driven compressor with integrated generator. Highly suitable for use on construction sites, with need for both compressed air and power, in one place.
Power outlet: 230/1/50 (2 kVA)











Model	Art. no.	kW	hp	L/min.	bar	rpm	L	dB(A)	kg	LxWxH (mm)
BI engineAIR 10/270	1121440131	7.4	10	468	14	1320	270	78	253	1540x560x1180

BI 17/90



3-IN-1 COMPRESSOR WITH GENERATOR

Stationary diesel-driven compressor with integrated generator and diesel engine. Designed to be built into a truck or service van. Including 90 L air receiver, two hose reels and sound insulated canopy.



Model	Art. no.	kW	hp	L/min.	bar	rpm	L	dB(A)	kg	LxWxH (mm)
BI engineAIR 17/90	1121440116	12.5	17	765	12	900	90	76	378	1050x1000x1730

SCREW COMPRESSORS





SCREW COMPRESSORS FOR PROFESSIONALS

Screw compressors consist of two oppositely rotating screws (male and female screw), which compresses the air. The screws are usually oil-cooled (directly onto the screws) in a closed system. Oil-cooling entails that, regardless of load rate and pressure, the temperature rarely exceeds 80°C. Screw compressors are thus optimized for continuous operation and can withstand load rates of 90-100%.

RENO's wide range of professional screw compressors makes it possible to find the solution that matches the user's individual needs depending on their profession and application.

RENO 2.2 DD








Fully integrated aluminium block.

Reno 2.2 DD is designed with a fully integrated aluminium block and a focus on user-friendliness and easy maintenance.



MOBILE SCREW COMPRESSOR

In addition to a 100% duty cycle, the Reno 2.2 kW DD has a compact and mobile design that makes it easy to handle and ideal for businesses with space-constrained applications where mobility and continuous delivery of compressed air is required.



Art. nr.	kW	hp	dB(A)	bar	L/min.	V*
4152044068	2.2	3	59	10	272	230/1/50
4152044071	2.2	3	59	10	272	400/3/50

Duty cycle 100%.
Pressure up to 10 Bar.
FAD 272 L/min.


Compact and **mobile design**, making it very userfriendly.

Reliable screw compressor.
Easy to maintain.

Fully integrated **aluminium block**.

Low noise level **59 dB(A)**.

Mounted on a **90 liter tank**.
Available in both 230 and 400 volt versions.



FUSION

FUSION IS OUR LATEST AFFORDABLE ADDITION TO THE SCREW COMPRESSOR FAMILY. RELIABLE AND QUIET LIKE ALL THE OTHER MODELS. FOR CAR WORKSHOPS AND SMALL INDUSTRIAL TASKS. AVAILABLE IN SEVERAL VARIANTS, WHICH MEANS WE CAN FIND JUST THE RIGHT VERSION FOR YOUR COMPRESSED AIR TASKS.



➤ Fusion 500 - 900 is available as floor mounted or tank mounted. Fusion 500 in either 90 or 200 L. Fusion 900 in 200 L container. The tank mounted versions are available both with and without refrigeration dryer.



Best. nr.	kW	hk	dB(A)	bar	V*
Fusion 500	4	5,5	60	10	400/3/50
Fusion 900	7,5	10	63	10	400/3/50

WITH CONTROLLER



Model	bar	l/min.*	Basemounted excl. dryer	Tankmounted 90 L excl. dryer	Tankmounted 200 L	
					excl. dryer	incl. dryer
Fusion 500	10	468	1839025652	1839025653	1839025654	1839025655
Fusion 900	10	798	1839025658	-	1839025659	1839025660

* At 7 bar

FUSION 500 - 900

INNOVATIVE AND ECONOMICAL

MAXIMIZE YOUR PROFITS AND MINIMIZE ENERGY CONSUMPTION WITH RENO FUSION.

Our advanced technology is expertly designed to minimize energy consumption and maximize profitability. Elevate your business with the FUSION compressor's exceptional productivity. Get up to 40% increased efficiency and up to 25% energy savings in continuous and intermittent operation. The model's robust design includes easy service access and an optional integrated refrigeration dryer for condensation-free quality compressed air.

FUSION BENEFITS



REDUCED NOISE

FUSION is designed to be placed in close working environments operating at impressively low 60 dB(A), comparable to a household appliance. You will benefit from its powerful performance and low noise level.



GREAT RELIABILITY

FUSION's smooth and gradual start-up reduces stress on bearings and belts by 80%, ensuring longer durability and lower maintenance costs, while a lower starting current prevents electrical components from overheating.



SIGNIFICANT SAVINGS

Achieve a significant energy reduction of up to 25% with FUSION compared to Silent piston compressors.

DIMENSIONS

BASEMOUNTED



TANKMOUNTED 90 L.



TANKMOUNTED INCL. DRYER



Model	Basemounted		Tankmounted 90 L		Tankmounted 200 L	
	LxWxH (mm)	kg	LxWxH (mm)	kg	LxWxH (mm)	kg*
Fusion 500	690 x 480 x 787	99	1008 x 526 x 1209	123	1436 x 526 x 1316	158 (185)
Fusion 900	690 x 480 x 787	99	-	-	1436 x 526 x 1316	158 (185)

* (incl. dryer)

FF MONSUN

RELIABLE AND SILENT SCREW COMPRESSOR FOR AUTO REPAIR SHOPS, AGRICULTURE AND SMALL INDUSTRIAL TASKS. AVAILABLE IN SEVERAL VERSIONS, TO FIT YOUR SPECIFIC COMPRESSED AIR TASKS.



FF MONSUN 2 - 15

➤ The FF Monsun screw compressors are equipped with the latest technology for optimized efficiency, with a lower energy consumption. Built for continuous operation - all day.

Our screw compressors are more efficient than piston compressors, and thus ideal for users with a higher demand for compressed air.

MONSUN 2 - 7



Advanced screw air end

FF Monsun 2-7 is built with an innovative air end, that ensures 15% more air, than on previous models, but with 12% lower energy consumption.



Model	kW	hp	dB(A)	V*
Monsun 2 - 230V	2.2	3	61	230/1/50
Monsun 2 - 400V	2.2	3	61	400/3/50
Monsun 3	3	4	61	400/3/50
Monsun 4	4	5.5	62	400/3/50
Monsun 5	5.5	7.5	66	400/3/50
Monsun 7	7.5	10	68	400/3/50

* Also available for 230/3/50

Monsun 2-7 is available as basemounted or tankmounted, on a 200 or 270 L receiver. Tank-mounted versions have an option for integrated refrigerated dryer.



WITH SIMPLE CONTROLLER



Model	bar	L/min.*	Basemounted	Tankmounted 200 L		Tankmounted 270 L	
			excl. dryer	excl. dryer	incl. dryer	excl. dryer	incl. dryer
Monsun 2 (230 V)	8	366	4152055630	4152055632	4152055636	4152055634	4152055638
	10	294	4152055631	4152055633	4152055637	4152055635	4152055639
Monsun 2 (400 V)	8	366	4152055580	4152055582	4152055586	4152055584	4152055588
	10	294	4152055581	4152055583	4152055587	4152055585	4152055589
Monsun 3	8	474	4152055590	4152055592	4152055596	4152055594	4152055598
	10	366	4152055591	4152055593	4152055597	4152055595	4152055599
Monsun 4	8	600	4152055600	4152055602	4152055606	4152055604	4152055608
	10	516	4152055601	4152055603	4152055607	4152055605	4152055609
Monsun 5	8	888	4152055610	4152055612	4152055616	4152055614	4152055618
	10	780	4152055611	4152055613	4152055617	4152055615	4152055619
Monsun 7	8	1062	4152055620	4152055622	4152055626	4152055624	4152055628
	10	984	4152055621	4152055623	4152055627	4152055625	4152055629

* At 7 bar and 9.5 bar

WITH AIR ENERGY CONTROLLER



Model	bar	L/min.*	Basemounted	Tankmounted 200 L		Tankmounted 270 L	
			excl. dryer	excl. dryer	incl. dryer	excl. dryer	incl. dryer
Monsun 2 (230 V)	8	366	4152052630	4152052632	4152052636	4152052634	4152052638
	10	294	4152052631	4152052633	4152052637	4152052635	4152052639
Monsun 2 (400 V)	8	366	4152052580	4152052582	4152052586	4152052584	4152052588
	10	294	4152052581	4152052583	4152052587	4152052585	4152052589
Monsun 3	8	474	4152052590	4152052592	4152052596	4152052594	4152052598
	10	366	4152052591	4152052593	4152052597	4152052595	4152052599
Monsun 4	8	600	4152052600	4152052602	4152052606	4152052604	4152052608
	10	516	4152052601	4152052603	4152052607	4152052605	4152052609
Monsun 5	8	888	4152052610	4152052612	4152052616	4152052614	4152052618
	10	780	4152052611	4152052613	4152052617	4152052615	4152052619
Monsun 7	8	1062	4152052620	4152052622	4152052626	4152052624	4152052628
	10	984	4152052621	4152052623	4152052627	4152052625	4152052629

* At 7 bar and 9.5 bar

MONSUN 2-7 90+90



Design your own solution

Assemble the solution that fits your needs. E.g., combine an air receiver for air storage with refrigerated dryer for protection of your equipment.



Model	kW	hp	dB(A)	V*
Monsun 2 - 230V	2,2	3	61	230/1/50
Monsun 2 - 400V	2,2	3	61	400/3/50
Monsun 3	3	4	61	400/3/50
Monsun 4	4	5,5	62	400/3/50
Monsun 5	5,5	7,5	66	400/3/50
Monsun 7	7,5	10	68	400/3/50

* Fås også til 230/3/50

Monsun 2-7 is now available with 90+90 L tank. Tankmounted versions are available with or without refrigerated dryers.



Model	bar	l/min.*	Tankmounted 90+90 L	
			excl. dryer	incl. dryer
Monsun 2 (230 V)	10	294	4152052812	4152052813
Monsun 2 (400 V)	10	294	4152052802	4152052803
Monsun 3	10	366	4152052804	4152052805
Monsun 4	10	516	4152052806	4152052807
Monsun 5	10	780	4152052808	4152052809
Monsun 7	10	984	4152052810	4152052811

* Ved 7 bar og 9,5 bar

FF MONSUN VS




F.F. MONSUN VS 2-7 WITH VAIABLE SPEED TECHNOLOGY IS DESIGNED WITH AN EMPHASIS ON INCREASED EFFICIENCY, GREATER USER-FRIENDLINESS AND LOWER OPERATING COSTS.



FF MONSUN VS 2,2 - 7,5 KW

Variable-speed screw compressors automatically adjust the production of compressed air to the current demand. This makes them an interesting choice for applications where compressed air demand can vary and where the reduction of energy consumption is emphasized. In addition, VSD technology has a positive impact on machine lifetime and reliability, as the motor and components are generally less stressed.





Model	kW	hk	dB(A)	V*
Monsun VS 2	2,2	3	57	400/3/50
Monsun VS 3	3	4	57	400/3/50
Monsun VS 4	4	5,5	58	400/3/50
Monsun VS 5	5,5	7,5	61	400/3/50
Monsun VS 7	7,5	10	61	400/3/50

MONSUN VS 2 - 7



Variable Speed Drive (VSD)



FF Monsun VS 2-7 is built with VSD technology that minimizes energy consumption.



WITH ELECTRONIC CONTROLLER

The models come with an electronic controller and super silent technology that lowers noise levels down to 57 dB(A).





Model	bar	l/min.*	Gulvmonteret	Tankmonteret 90+90 L		Tankmonteret 200 L	
			uden køletørrer	uden køletørrer	inkl. køletørrer	uden køletørrer	inkl. køletørrer
Monsun VS 2	8	360	4152061070	-	-	4152061072	4152061074
	10	293	4152061071	4152061140	4152061141	4152061073	4152061075
Monsun VS 3	8	460	4152061076	-	-	4152061078	4152061080
	10	361	4152061077	4152061142	4152061143	4152061079	4152061081
Monsun VS 4	8	581	4152061082	-	-	4152061084	4152061086
	10	503	4152061083	4152061144	4152061145	4152061085	4152061087
Monsun VS 5	8	894	4152061088	-	-	4152061090	4152061092
	10	758	4152061089	4152061146	4152061147	4152061091	4152061093
Monsun VS 7	8	1035	4152061094	-	-	4152061096	4152061098
	10	965	4152061095	4152061148	4152061149	4152061097	4152061099

MONSUN 8 - 15



Including YD

Monsun 8-15 models are equipped with YD starter, which protects your power supply with a lower ampere consumption.



Monsun 8-15 is available as basemounted and tankmounted, on a 270 or 500 L receiver. Tankmounted versions are available with or without refrigerated dryer.



Model	bar	L/min.*	Basemounted	Tankmounted 270 L		Tankmounted 500 L	
			excl. dryer	excl. dryer	incl. dryer	excl. dryer	incl. dryer
Monsun 8	8	1140	4152020225	4152020243	4152020273	4152020249	4152020279
	10	996	4152020226	4152020244	4152020274	4152020250	4152020280
	13	780	4152020227	-	-	4152020251	4152020281
Monsun 11	8	1620	4152020228	4152020245	4152020275	4152020252	4152020282
	10	1416	4152020229	4152020246	4152020276	4152020253	4152020283
	13	1152	4152020230	-	-	4152020254	4152020284
Monsun 15	8	1860	4152020231	4152020247	4152020277	4152020255	4152020285
	10	1680	4152020232	4152020248	4152020278	4152020256	4152020286
	13	1332	4152020233	-	-	4152020257	4152020287

* At 7 bar and 9.5 bar
"- " = not available

Model	kW	hp	dB(A)	V*
Monsun 8	7.5	10	65	400/3/50
Monsun 11	11	15	69	400/3/50
Monsun 15	15	20	71	400/3/50

* Also available for 230/3/50

DIMENSIONS

BASEMOUNTED



TANKMOUNTED



TANKMOUNTED INCL. DRYER



MONSUN 2 - 7

Model	Basemounted		Tankmounted 200 L		Tankmounted 270 L	
	LxWxH (mm)	kg	LxWxH (mm)	kg*	LxWxH (mm)	kg*
Monsun 2	620 x 630 x 950	110	1430 x 600 x 1260	165 (190)	1540 x 600 x 1350	180 (205)
Monsun 3	620 x 630 x 950	115	1430 x 600 x 1260	170 (195)	1540 x 600 x 1350	185 (210)
Monsun 4	620 x 630 x 950	120	1430 x 600 x 1260	175 (200)	1540 x 600 x 1350	190 (215)
Monsun 5	620 x 630 x 950	130	1430 x 600 x 1260	185 (210)	1540 x 600 x 1350	200 (225)
Monsun 7	620 x 665 x 950	140	1430 x 665 x 1260	195 (215)	1540 x 665 x 1350	210 (240)

* (incl. dryer)

MONSUN 2 - 7 (VS) - 90+90

Model	Tankmounted 90+90 L	
	LxWxH (mm)	kg*
Monsun 2	1000 x 780 x 1295	180 (205)
Monsun 3	1000 x 780 x 1295	185 (210)
Monsun 4	1000 x 780 x 1295	190 (215)
Monsun 5	1000 x 780 x 1295	200 (225)
Monsun 7	1000 x 780 x 1295	210 (240)

* (incl. dryer)

MONSUN 8 - 15

Model	Basemounted		Tankmounted 270 L		Tankmounted 500 L	
	LxWxH (mm)	kg	LxWxH (mm)	kg*	LxWxH (mm)	kg*
Monsun 8	850 x 720 x 980	170	1543 x 720 x 1337	217 (250)	1945 x 720 x 1468	267 (300)
Monsun 11	850 x 720 x 980	185	1543 x 720 x 1337	232 (265)	1945 x 720 x 1468	282 (315)
Monsun 15	850 x 720 x 980	200	1543 x 720 x 1337	247 (280)	1945 x 720 x 1468	297 (330)

* (incl. dryer)

OPTIONS



OIL HEATER

Maintains a constant oil temperature to prevent condensation at intermittent use.



TIMER DRAIN

A timer drain removes water from the tank, thus minimizing air losses.



AIR FILTER

By adding a line filter you can achieve even higher air quality.

+ FOOD GRADE OIL + PRESSURE CONVERSION KIT + TROPICAL THERMOSTAT

MONSUN 2 - 7

Option	Art. no.
Foodgrade oil	00000 50608
Line filter (G)	00000 50617
Tropical thermostat	00000 50630
Wooden crate (export packaging)	00000 50653
Wooden box (export packaging)	00000 50654
Wooden box (export packaging) - 500 L tank	00000 50647
Test certificate	00000 50670
Upgrade to 500 L tank	00000 50671
Oil heater	00000 50694
Timer drain	00000 50699
Pressure conversion kit	Contact customer support

MONSUN 8 - 15

Option	Art. no.
Foodgrade oil	00000 50323
Wooden crate (export packaging)	00000 50345
8000 hours oil	00000 50302
Timer drain	00000 50307

FF MONSUN PRO

POWERFUL, RELIABLE COMPRESSORS FOR LARGER INDUSTRIAL TASKS. AVAILABLE IN FIXED-SPEED AND VARIABLE-SPEED VERSIONS, AND CAN BE DESIGNED TO FIT YOUR SPECIFIC NEEDS.



FF MONSUN PRO 5-45

FF Monsun Pro is our range of high-quality screw compressors for industrial use. Spanning 5.5 - 45 kW it's among the widest product ranges in the business.

MONSUN PRO 5 - 15



Optimized maintenance

Monsun Pro is designed for easy access to all service points and parts. This ensures quick and troublefree maintenance.



FF Monsun Pro 5-15 are available as base-mounted, with or without refrigerated dryer and pre-filter, and as tankmounted on a 270 or 500 L receiver, including dryer and pre-filter.

Variable-speed models are available from 7.5 kW.

Model	kW	hp	dB(A)	V*
Monsun Pro 5	5.5	7.5	62	400/3/50
Monsun Pro 7	7.5	10	63	400/3/50
Monsun Pro 11	11	15	65	400/3/50
Monsun Pro 15	15	20	67	400/3/50

* Also available for 230/3/50



FIXED-SPEED

Model	bar	L/min.*	Basemounted		Tankmounted 270 L	Tankmounted 500 L
			excl. dryer + pre-filter	incl. dryer + pre-filter	incl. dryer + pre-filter	incl. dryer + pre-filter
Monsun Pro 5	8	882	4152009646	4152009722	4152009670	4152009678
	10	702	4152009647	4152009723	4152009671	4152009679
	13	564	4152009648	4152009724	-	4152009680
Monsun Pro 7	8	1242	4152009649	4152009725	4152009672	4152009681
	10	1080	4152009650	4152009726	4152009673	4152009682
	13	828	4152009651	4152009727	-	4152009683
Monsun Pro 11	8	1674	4152009652	4152009728	4152009674	4152009684
	10	1506	4152009653	4152009729	4152009675	4152009685
	13	1212	4152009654	4152009730	-	4152009686
Monsun Pro 15	8	2328	4152009655	4152009731	4152009676	4152009687
	10	2106	4152009656	4152009732	4152009677	4152009688
	13	1686	4152009657	4152009733	-	4152009689

* At 7 bar and 9.5 bar
"- " = not available

VARIABLE-SPEED

Model	bar	L/min.*	Basemounted		Tankmounted 270 L	Tankmounted 500 L
			excl. dryer + pre-filter	incl. dryer + pre-filter	incl. dryer + pre-filter	incl. dryer + pre-filter
Monsun Pro VS 7	7-13	123-1200	4152009710	4152009746	4152009714	4152009718
Monsun Pro VS 11	7-13	377-1750	4152009711	4152009747	4152009715	4152009719
Monsun Pro VS 15	7-10	621-2307	4152009712	4152009748	4152009716	4152009720
	9.5-13	485-1864	4152009713	4152009749	4152009717	4152009721

* VS 7-11 at 7.5 bar
VS 15 at 7.5 and 9.5 bar.

MONSUN PRO 18 - 30



Upgraded controller (opt.)

Option for upgrade to MK5 graphical control panel. More advanced screen in full-colour, with remote surveillance of up to 6 compressors simultaneously with ECO6i.



More options on page 77.

FF Monsun Pro 18-30 models are available as basemounted, with or without refrigerated dryer and pre-filter. Pro 18-22 is also available mounted on a 500 L air receiver, including dryer and pre-filter. All models are available as variable-speed.

Model	kW	hp	dB(A)	V*	
Monsun Pro 18	18.5	25	69	400/3/50	
Monsun Pro 22	22	30	70	400/3/50	
Monsun Pro 30	30	40	71	400/3/50	

* Also available for 230/3/50



FIXED-SPEED

Model	bar	L/min.*	Basemounted		Tankmounted 500 L
			excl. dryer + pre-filter	incl. dryer + pre-filter	incl. dryer + pre-filter
Monsun Pro 18	8	3114	4152023760	4152023778	4152023796
	10	2718	4152023761	4152023779	4152023797
	13	2304	4152023762	4152023780	4152023798
Monsun Pro 22	8	3648	4152023763	4152023781	4152023799
	10	3240	4152023764	4152023782	4152023800
	13	2766	4152023765	4152023783	4152023801
Monsun Pro 30	8	4326	4152023766	4152023784	-
	10	3900	4152023767	4152023785	-
	13	3426	4152023768	4152023786	-

* At 7 bar and 9.5 bar
"- " = not available

VARIABLE-SPEED

Model	bar	L/min.*	Basemounted		Tankmounted 500 L
			excl. dryer + pre-filter	incl. dryer + pre-filter	incl. dryer + pre-filter
Monsun Pro VS 18	7-10	574-2934	4152023808	4152023814	4152023820
	9.5-13	490-2464	4152023809	4152023815	4152023821
Monsun Pro VS 22	7-10	624-3390	4152023810	4152023816	4152023822
	9.5-13	531-3051	4152023811	4152023817	4152023823
Monsun Pro VS 30	7-10	1456-4400	4152023812	4152023818	-
	9.5-13	1600-3792	4152023813	4152023819	-

* At 7.5 and 9.5 bar
"- " = not available

MONSUN PRO 31 - 45



Upgraded controller (opt.)

Option for upgrade to MK5 graphical control panel. More advanced screen in full-colour, with remote surveillance of up to 6 compressors simultaneously with ECO6i.



More options on page 77.

FF Monsun Pro 31-45 are available as base-mounted with or without refrigerated dryer and pre-filter. All three models are available in fixed-speed and variable-speed versions.

Model	kW	hp	dB(A)	V*	
Monsun Pro 31	30	40	72	400/3/50	
Monsun Pro 37	37	50	73	400/3/50	
Monsun Pro 45	45	60	74	400/3/50	

* Also available for 230/3/50



FIXED-SPEED

Model	bar	L/min.*	Basemounted	
			excl. dryer + pre-filter	incl. dryer + pre-filter
Monsun Pro 31	7.5	5310	4152034804	4152034834
	8.5	4130	4152034805	4152034835
	10	4560	4152034806	4152034836
	13	4020	4152034807	4152034837
Monsun Pro 37	7.5	6600	4152034808	4152034838
	8.5	6090	4152034809	4152034839
	10	5700	4152034810	4152034840
	13	5160	4152034811	4152034841
Monsun Pro 45	7.5	7560	4152034812	4152034842
	8.5	7260	4152034813	4152034843
	10	6660	4152034814	4152034844
	13	5820	4152034815	4152034845

* At 7 bar and 9.5 bar
"- " = not available

VARIABLE-SPEED

Model	bar	L/min.*	Basemounted	
			excl. dryer + pre-filter	incl. dryer + pre-filter
Monsun Pro VS 31	7-10	1422-5304	4152034816	4152034846
	9.5-13	4121-3603	4152034819	4152034849
Monsun Pro VS 37	7-10	1812-6678	4152034817	4152034847
	9.5-13	2280-5066	4152034820	4152034850
Monsun Pro VS 45	7-10	1830-7452	4152034818	4152034848
	9.5-13	2256-5519	4152034821	4152034851

* At 7.5 and 9.5 bar
"- " = not available

DIMENSIONS

BASEMOUNTED



TANKMOUNTED 270 L



TANKMOUNTED 500 L



MONSUN PRO 5 - 15

Model	Basemounted		Tankmounted 270 L incl. dryer and pre-filter		Tankmounted 500 L incl. dryer and pre-filter	
	LxWxH (mm)	kg*	LxWxH (mm)	kg	LxWxH (mm)	kg
Monsun Pro 5	1095x665x1070	241 (268)	1533x665x1558	338	1935x665x1689	426
Monsun Pro 7	1095x665x1070	246 (276)	1533x665x1558	346	1935x665x1689	431
Monsun Pro 11	1095x665x1070	266 (296)	1533x665x1558	366	1935x665x1689	451
Monsun Pro 15	1095x665x1070	268 (297)	1533x665x1558	346	1935x665x1689	455
Monsun Pro VS 7	1095x665x1095	255 (285)	1533x654x1558	355	1935x665x1690	440
Monsun Pro VS 11	1095x665x1095	275 (305)	1533x654x1558	375	1935x665x1690	460
Monsun Pro VS 15	1095x665x1095	280 (307)	1533x654x1558	377	1935x665x1690	462

* (incl. dryer)

MONSUN PRO 18 - 45

Model	Basemounted		Basemounted incl. dryer and pre-filter		Tankmounted 500 L incl. dryer and pre-filter	
	LxWxH (mm)	kg	LxWxH (mm)	kg	LxWxH (mm)	kg
Monsun Pro 18	1210x850x1220	361	1660x850x1220	434	1950x850x1850	624
Monsun Pro 22	1210x850x1220	377	1660x850x1220	450	1950x850x1850	640
Monsun Pro 30	1210x850x1220	405	1660x850x1220	478	-	
Monsun Pro 31	1320x830x1555	589	1810x830x1555	707		
Monsun Pro 37	1320x830x1555	610	1810x830x1555	728		
Monsun Pro 45	1320x830x1555	629	1810x830x1555	747		
Monsun Pro VS 18	1210x850x1220	370	1660x850x1220	445	1950x850x1850	635
Monsun Pro VS 22	1210x850x1220	400	1660x850x1220	490	1950x850x1850	680
Monsun Pro VS 30	1210x850x1220	447	1660x850x1220	520	-	
Monsun Pro VS 31	1320x830x1555	605	1810x830x1555	723		
Monsun Pro VS 37	1320x830x1555	626	1810x830x1555	744		
Monsun Pro VS 45	1320x830x1555	656	1810x830x1555	774		

OPTIONS

MONSUN PRO 5 - 15

Option	Art. no.
8000 hour oil	00000 51333
Wooden crate (export packaging)	00000 51348
Foodgrade oil	00000 51349
MK5 Graphic touch control panel	00000 51378
MK5 control panel incl. ECO6I	00000 51383

MONSUN PRO 18 - 30

Option	Art. no.
8000 hour oil	00000 50823
Wooden crate (export packaging)	00000 50844
Foodgrade oil	00000 50847
MK5 Graphic touch control panel	00000 51378
MK5 control panel incl. ECO6I	00000 51383
Silencing baffle (50% reduction)	00000 51327

MONSUN PRO 31 - 45

Option	Art. no.
8000 hour oil	00000 50933
Wooden crate (export packaging)	00000 50950
Foodgrade oil	00000 50951
MK5 Graphic touch control panel	00000 50981
MK5 control panel incl. ECO6I	00000 50990
Water separator drain (WSD)	00000 50912
Canopy heater	00000 50924
Coalescence line filter	00000 50949

MONSUN PRO VS 7 - 15

Option	Art. no.
8000 hour oil	00000 51333
Wooden crate (export packaging)	00000 51348
Foodgrade oil	00000 51349
MK5 control panel incl. ECO6I	00000 51383

MONSUN PRO VS 18 - 30

Option	Art. no.
8000 hour oil	00000 50847
Wooden crate (export packaging)	00000 50844
Foodgrade oil	00000 50823
MK5 control panel incl. ECO6I	00000 51383
Silencing baffle (50% reduction)	00000 51327

MONSUN PRO VS 31 - 45

Option	Art. no.
8000 hour oil	00000 50933
Wooden crate (export packaging)	00000 50950
Foodgrade oil	00000 50951
MK5 Graphic touch control panel	00000 50981
MK5 control panel incl. ECO6I	00000 50990
Water separator drain (WSD)	00000 50912
Canopy heater	00000 50924
Coalescence line filter	00000 50949

COMPRESSED AIR

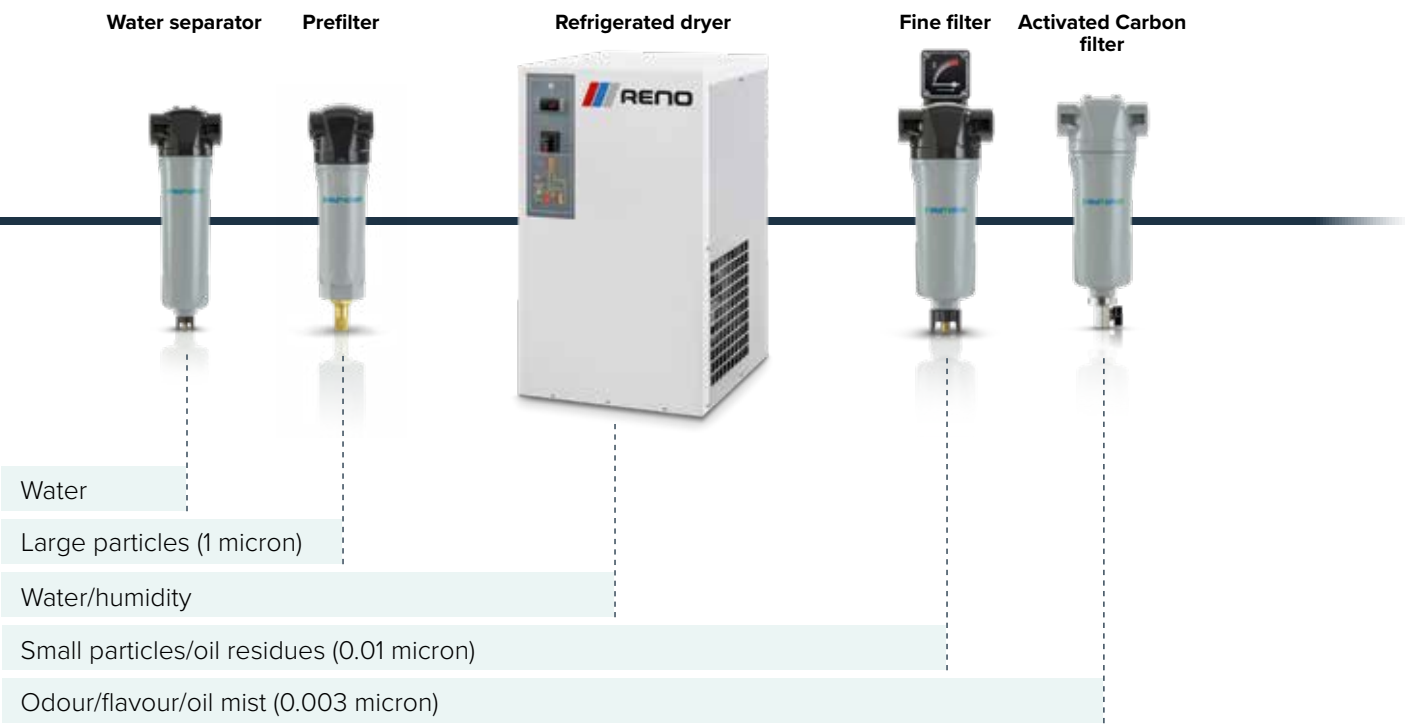
AIR TREATMENT AND CONDENSATE MANAGEMENT

Reno delivers equipment for treating the air from your compressor system. Optimum air treatment and condensate management ensures higher efficiency from your system and even better air quality.

AIR TREATMENT

TO ENSURE YOUR COMPRESSED AIR SYSTEM IS PERFORMING OPTIMAL, IT'S IMPORTANT TO ADD THE RIGHT AIR TREATMENT. THIS INCLUDES REMOVAL OF WATER, PARTICLES AND OIL, IN ALL THEIR FORMS.

EXAMPLE OF TYPICAL AIR TREATMENT:



CONFIGURATION OF AIR TREATMENT

Compressor type	Refrigerated dryer	Filter size
Reno professional piston compressors		
250/50	R-Dry 6	PMH 85
400/90		
450/90		
500/90		
600/90	R-Dry 9	PMH 119
600/270		
670/270		
670/90+90		
950/90+90	R-Dry 12	
950/90+90 YD		
950/270		
950/270 YD		
410/200	R-Dry 6	PMH 85
670/200	R-Dry 9	
FF Industry compressors		
FF 480/90	R-Dry 6	PMH 85
FF 480/90 ST		
FF 680/90	R-Dry 9	PMH 119
FF 680/90 GALV		
FF 680/90 ST		
FF 710/90+90		
FF 710/90+90 GALV		
FF 730/270		
FF 730/500		
FF 970/90+90		
FF 970/90+90 Soft		
FF 970/500		
FF 970/500 YD		
FF 1300/500 YD	R-Dry 18	
FF 1700/500 YD		
FF 1100/500 YD		
FF 1450/500 YD		



This is a general guide, and correct dimensioning of air treatment should be assessed according to the specific compressor and the correction factors, found on the next page. Contact Reno for assistance on this.

REFRIGERATED DRYERS



A refrigerated dryer removes the water from the compressed air down to a pre-determined dew point. The warm, humid air is led into the refrigerated dryer, where a heat exchanger and a cooling system cool the input air to a temperature of approximately 3°C.

During cooling, the air’s dewpoint drops, and condensate is formed. The condensate is collected and drained, while the exiting compressed air is reheated in the heat exchanger. A refrigerated dryer can be installed both before and after the air receiver, depending on the compressor type.

It’s important, that the maximum recommended temperature for filters and refrigerated dryers is never exceeded at any point.



Model	Art. no.	Power kW	Capacity*		Max. pressure bar	Connection	Voltage V	Weight kg	Dimensions LxWxH (mm)
			L/min.	m³/h					
R-Dry 4	4102003172	0.13	350	21	16	3/4" M	230/1/50	19	493x350x450
R-Dry 6	4102003173	0.16	600	36	16	3/4" M	230/1/50	19	493x350x450
R-Dry 9	4102003174	0.19	850	51	16	3/4" M	230/1/50	20	493x350x450
R-Dry 12	4102003175	0.27	1200	72	16	3/4" M	230/1/50	25	493x350x450
R-Dry 18	4102003176	0.28	1825	110	16	3/4" M	230/1/50	27	493x350x450
R-Dry 24	4102003177	0.67	2350	141	14	1" F	230/1/50	44	498x370x764
R-Dry 30	4102003178	0.72	3000	180	14	1" F	230/1/50	44	498x370x764
R-Dry 36	4102003179	0.66	3600	216	14	1 1/5" F	230/1/50	53	558x460x789
R-Dry 41	4102003180	0.66	4100	246	14	1 1/5" F	230/1/50	60	558x460x789
R-Dry 52	4102003181	0.84	5200	312	14	1 1/5" F	230/1/50	65	558x460x789
R-Dry 65	4102003182	1.0	6500	390	14	1 1/5" F	230/1/50	80	588x580x899
R-Dry 77	4102003183	1.1	7700	462	14	1 1/5" F	230/1/50	80	588x580x899
R-Dry 100	4102003184	1.3	10,000	600	14	2" F	400/3/50	128	898x735x962
R-Dry 120	4102003185	1.6	12,000	720	14	2" F	400/3/50	146	898x735x962
R-Dry 150	4102003186	1.9	15,000	900	14	2" F	400/3/50	158	898x735x962
R-Dry 180	4102003187	2.1	18,000	1080	14	2" F	400/3/50	165	898x735x962
R-Dry 240	4102003188	3.3	24,000	1440	14	3" M	400/3/50	325	1083x1020x1526
R-Dry 300	4102003189	3.9	30,000	1800	14	3" M	400/3/50	335	1083x1020x1526
R-Dry 350	4102003190	4.8	35,000	2100	14	3" M	400/3/50	350	1083x1020x1526
R-Dry 450	4102003191	6.7	45,000	2700	14	DN125	400/3/50	380	1121x1020x1526
R-Dry 500	4102003192	6.8	50,000	3000	14	DN125	400/3/50	550	2099x1020x1535
R-Dry 700	4102003193	10.2	70,000	4200	14	DN125	400/3/50	600	2099x1020x1535
R-Dry 840	4102003194	12.3	84,000	5040	14	DN125	400/3/50	650	2099x1020x1535
Kit for filter installation + by-pass: Art. no. 4101000663					Kit for filter installation: Art. no. 4101000652				

* At 5 bar

CORRECTION FACTORS

Correction factors for ambient temperature							
	°C	25	30	35	40	45	
Ambient temperature	A	1.00	0.92	0.84	0.80	0.74	R-Dry 4 - 77
		1.00	0.91	0.81	0.72	0.62	R-Dry 100 - 840

Correction factors for air inlet temperature								
	°C	30	35	40	45	50	55	
Inlet temperature	B	1.24	1.00	0.82	0.69	0.58	0.45	R-Dry 4 - 77
		1.00	1.00	0.82	0.69	0.58	0.49	R-Dry 100 - 840

Correction factors for air inlet pressure														
	bar	5	6	7	8	9	10	11	12	13	14	15	16	
Operating pressure	C	0.90	0.96	1.00	1.03	1.06	1.08	1.10	1.12	1.13	1.15	1.16	1.15	R-Dry 4 - 77
		0.90	0.97	1.00	1.03	1.05	1.07	1.09	1.11	1.12	-	-	-	R-Dry 100 - 840

ADSORPTION DRYERS

Model	Capacity		Max.	Connection	Voltage	Weight	Dimensions	PDP	Art. no.
	<i>l/min.</i>	<i>m³/t</i>							
PDP (-20°C)									
PH 17 HE	480	29	14	1/4"	230/1/50	7	106x197x540	-20	8102368920
PH 34 HE	696	58	14	1/4"	230/1/50	9	106x197x720	-20	8102368921
PH 49 HE	1380	83	14	1/4"	230/1/50	11	106x197x855	-20	8102368922
PH 64 HE	1800	108	14	1/2"	230/1/50	19	149x320x640	-20	8102368923
PH 79 HE	2220	133	14	1/2"	230/1/50	22	149x320x725	-20	8102368924
PH 94 HE	2640	158	14	1/2"	230/1/50	25	149x320x875	-20	8102368925
PDP (-40°C)									
PH 12 HE	330	19.8	14	1/4"	230/1/50	7	106x197x540	-40	8102368896
PH 22 HE	600	36	14	1/4"	230/1/50	9	106x197x720	-40	8102368897
PH 33 HE	900	54	14	1/4"	230/1/50	11	106x197x855	-40	8102368898
PH 43 HE	1200	72	14	1/2"	230/1/50	19	149x320x640	-40	8102368899
PH 53 HE	1500	90	14	1/2"	230/1/50	22	149x320x725	-40	8102368900
PH 64 HE	1800	108	14	1/2"	230/1/50	25	149x320x875	-40	8102368901
PDP (-70°C)									
PH 14 HE	360	22	14	1/4"	230/1/50	7	106x197x540	-70	8102368873
PH 21 HE	540	32	14	1/4"	230/1/50	9	106x197x720	-70	8102368874
PH 27 HE	720	43	14	1/4"	230/1/50	11	106x197x855	-70	8102368875
PH 33 HE	900	54	14	1/2"	230/1/50	19	149x320x640	-70	8102368876
PH 30 HE	1080	65	14	1/2"	230/1/50	22	149x320x725	-70	8102368877



PH 2 - 45 HE

PH 55 - 550 HE

ACCESSORIES PH HE

Til model	Best. nr.
Option PDP Sensor	0000020802
Option wall mounting	0000020807
Option water collector	0000020836
IP65/NEMA4	0000020839
Kit PDP sensor	8092266824
Kit wall mounting	8092266828
Kit water collector	8092266831

FILTERS FOR AIR TREATMENT

Model	Capacity m³/h	Connection	Weight kg	Dimensions WxH (mm)	Prefilter (G) 1 µm	Fine filter (C) 0.01 µm	Activated carbon filter (V)
PMH 10 - Filter Kit	10	1/8"	0.25	50x157	8102856338 2258293601	8102856356 2258293701	8102856410 2258293801
PMH 25 - Filter Kit	25	1/4"	0.25	50x157	8102856339 2258293602	8102856357 2258293702	8102856411 2258293802
PMH 42 - Filter Kit	42	1/4"	0.6	70x231	8102856340 2258293603	8102856358 2258293703	8102856412 2258293803
PMH 54 - Filter Kit	54	3/8"	0.6	70x231	8102856341 2258293604	8102856359 2258293704	8102856413 2258293804
PMH 85 - Filter Kit	85	1/2"	0.6	70x231	8102856342 2258293605	8102856360 2258293705	8102856414 2258293805
PMH 119 - Filter Kit	119	1/2"	1.7	127x285	8102856343 2258293606	8102856361 2258293706	8102856415 2258293806
PMH 144 - Filter Kit	144	3/4"	1.7	127x285	8102856344 2258293607	8102856362 2258293707	8102856416 2258293807
PMH 178 - Filter Kit	178	1"	1.7	127x285	8102856345 2258293608	8102856363 2258293708	8102856417 2258293808
PMH 212 - Filter Kit	212	3/4"	2	127x371	8102856346 2258293609	8102856364 2258293709	8102856418 2258293809
PMH 297 - Filter Kit	297	1"	2	127x371	8102856347 2258293610	8102856365 2258293710	8102856419 2258293810
PMH 476 - Filter Kit	476	1 1/4"	3	140x475	8102856348 2258293611	8102856366 2258293711	8102856420 2258293811
PMH 545 - Filter Kit	545	1 1/2"	3	140x475	8102856349 2258293612	8102856367 2258293712	8102856421 2258293812
PMH 765 - Filter Kit	765	2"	4.9	170x508	8102856350 2258293613	8102856368 2258293713	8102856422 2258293813
PMH 1189 - Filter Kit	1189	2"	5.5	170x508	8102856351 2258293614	8102856369 2258293714	8102856423 2258293814
PMH 1444 - Filter Kit	1444	2 1/2"	10.5	220x736	8102856352 2258293615	8102856370 2258293715	8102856424 2258293815
PMH 1529 - Filter Kit	1529	3"	10.5	220x736	8102856353 2258293616	8102856371 2258293716	8102856425 2258293816
PMH 2125 - Filter Kit	2125	3"	11.5	220x857	8102856354 2258293617	8102856372 2258293717	8102856426 2258293817
PMH 2550 - Filter Kit	2550	3"	12.5	220x1005	8102856355 2258293618	8102856373 2258293718	8102856427 2258293818

ACCESSORIES FOR PMH 10-1529

WALL-MOUNTING KIT

For model	Art. no.
PMH 10-25	8092353020
PMH 42-85	8092353021
PMH 119-297	8092353022
PMH 476-545	8092353023
PMH 765-1189	8092353024
PMH 1444-1529	8092353025

CONNECTING KIT FOR 2, 3 AND 4 FILTERS

For model	Art. no. (2 filters)	Art. no. (3 filters)	Art. no. (4 filters)
PMH 10-25	8092353000	8092353006	8092353012
PMH 42-85	8092353001	8092353007	8092353013
PMH 119-297	8092353002	8092353008	8092353014
PMH 476-545	8092353003	8092353009	8092353015
PMH 765-1189	8092353004	8092353010	8092353016
PMH 1444-1529	8092353005	8092353011	8092353017

WATER SEPARATORS

Model	Art. no.	Capacity <i>m³/h</i>	Max. pressure <i>bar</i>	Connection	Weight <i>kg</i>	Dimensions <i>WxH (mm)</i>
PMH WS 10	8102856900	10	16	1/8"	0.25	50x157
PMH WS 25	8102856901	25	16	1/4"	0.25	50x157
PMH WS 42	8102856902	42	16	1/4"	0.6	70x231
PMH WS 59	8102856903	59	16	3/8"	0.6	70x231
PMH WS 85	8102856904	85	16	1/2"	0.6	70x231
PMH WS 119	8102856905	119	16	1/2"	1.7	127x285
PMH WS 212	8102856906	212	16	3/4"	1.7	127x285
PMH WS 297	8102856907	297	16	1"	1.7	127x285
PMH WS 476	8102856908	476	16	1 1/4"	3	140x475
PMH WS 545	8102856909	545	16	1 1/2"	3	140x475
PMH WS 1189	8102856910	1189	16	2"	4.9	170x508
PMH WS 1444	8102856911	1444	16	2 1/2"	8	220x413
PMH WS 2550	8102856912	2550	16	3"	8	220x413



ADSORPTION FILTERS

Model	Art. no.	Capacity <i>m³/h</i>	Connection
DC 2 HE	2255331041	0.2	1/2"
DC 4 HE	2255331042	0.7	3/4"
DC 5 HE	2255331043	1.0	1"
DC 6 HE	2255331044	3.7	1 1/2"
DC 7 HE	2255331045	4.2	1 1/2"
DC 8 HE	2255331046	5.0	1 1/2"



CONDENSATE DRAINS

OTHER

Description	Art. no.	Weight <i>kg</i>	Dimensions <i>LxWxH (mm)</i>
G120 - Mechanical drain float	79500000	0.9	156x108x111
E200 - Automatic timer drain	79520000	-	-
Automatic water drain	400470	-	-
Automatic water drain for konsol	401270	-	-
1/4" - Manual water drain	400023	-	-
3/8" - Manual water drain	400423	-	-
1/2" - Manual water drain	400196	-	-
1/2" - Kit for drain on konsol	400812	-	-



PRESSURE BOOSTER

Model	Art. no.	Pressure (bar)* <i>Inlet (max) outlet (max)</i>		Flow <i>l/min. m³/t</i>
Booster to 20 Bar	FF64710	1-10	2-20	400



OIL/WATER SEPARATORS

OWS

Model	Best. nr. <i>Aktivt kul</i>	Capacity <i>m³/t</i> <i>incl. druer excl. dryer</i>		Weight <i>kg</i>	Dimensions <i>LxWxH (mm)</i>
OWS 25	8102046800	43	54	1,2	250x147x216
OWS 53	8102046804	90	113	1,5	250x147x216
OWS 106	8102046810	180	225	5,8	390x278x428
OWS 180	8102046811	306	383	7,7	397x286x507
OWS 360	8102046812	612	765	13,1	490x396x576
OWS 636	8102046813	1080	1350	25,3	583x446x721
OWS 1325	8102046814	2250	2813	45,1	692x568x970
OWS 2650	8102046815	4499	5625	86	975x782x1000
OWS 5300	8102046816	8998	11.250	171,9	975x1600x1000



AIR RECEIVERS

BATTERY

Model	Art. no.	Capacity	Max. pressure	Dimensions
		<i>L</i>	<i>barg</i>	<i>LxWxH (mm)</i>
Battery 2x90	400705	2 x 90	11	800x410x1200



PAINTED

Model	Art. no.	Capacity	Max. pressure	Incl. kit	Height	Diameter
		<i>L</i>	<i>barg</i>		<i>mm</i>	<i>mm</i>
V90 (white)	400698/7047	90	11	-	1051	370
V200	4101000900	200	11	KIT 2	1570	446
V270	4101000904	270	11	KIT A	1668	500
V500	4101000908	500	11	KIT 4	2055	600
V720	4101000912	720	11	KIT 4	2030	750
V900	4101000916	900	11	KIT 6	2120	800
V1000	4101000920	1000	11	KIT 7	2315	800
V2000	4101000928	2000	11	KIT B	2805	1000
V3000	4101000932	3000	11	KIT B	2965	1200
V5000	4101000940	5000	11	Not incl.	3570	1450



GALVANIZED

Model	Art. no.	Capacity	Max. pressure	Incl. kit	Height	Diameter
		<i>L</i>	<i>barg</i>		<i>mm</i>	<i>mm</i>
V200 GALV	4101000902	200	11	KIT A	1530	430
V270 GALV	4101000906	270	11	KIT A	1685	500
V500 GALV	4101000910	500	11	KIT A	2077	600
V725 GALV	4101000914	725	11	KIT A	1863	790
V900 GALV	4101000918	900	11	KIT A	2213	790
V1000 GALV	4101000922	1000	11	KIT B	2345	790
V1500 GALV	4101000926	1500	11	KIT B	2305	1000
V2000 GALV	4101000930	2000	11	KIT B	2805	1000
V3000 GALV	4101000934	3000	11	KIT B	2965	1200
V4000 GALV	4101000938	4000	11	Not incl.	3070	1450
V5000 GALV	4101000942	5000	11	Not incl.	3570	1450



VITROFLEX IN. / PAINTED OUT.

Model	Art. no.	Capacity	Max. pressure	Incl. kit	Height	Diameter
		<i>L</i>	<i>barg</i>		<i>mm</i>	<i>mm</i>
V200 Vitroflex	4101000952	200	11	KIT A	1530	430
V270 Vitroflex	4101000953	270	11	KIT A	1685	500
V500 Vitroflex	4101000954	500	11	KIT A	2077	600
V725 Vitroflex	4101000955	725	11	KIT A	1863	790
V900 Vitroflex	4101000956	900	11	KIT A	2213	790
V1000 Vitroflex	4101000957	1000	11.5	KIT B	2345	790
V1500 Vitroflex	4101000958	1500	11.5	KIT B	2305	1000
V2000 Vitroflex	4101000959	2000	11.5	KIT B	2805	1000
V3000 Vitroflex	4101000960	3000	11.5	KIT B	2965	1200
V4000 Vitroflex	4101000961	4000	11.5	Not incl.	3070	1450
V5000 Vitroflex	4101000962	5000	11.5	Not incl.	3570	1450



KIT OVERVIEW

Content:	KIT 1	KIT 2	KIT 3	KIT 4	KIT 5	KIT 6	KIT 7	KIT 8
Plug 3/8"	1	1	-	1	-	1	-	-
Ball valve 1/2"	2	2	1	-	-	-	1	1
Ball valve 3/4"	-	-	1	1	1	1	-	-
Ball valve 1"	-	-	1	1	1	1	-	-
Reduction 1/2" x 3/8"	1	1	1	-	-	-	-	-
Reduction 3/4" x 1/2"	1	-	-	-	-	-	1	1
Reduction 1" x 1/2"	-	1	-	-	-	1	-	-
Reduction 1" x 3/4"	-	-	1	2	1	-	-	-
Reduction 3/4" x 3/8"	-	-	-	1	1	-	-	-
Reduction 3/8" v 1/4"	1	1	1	1	1	1	1	1
Elbow	1	1	1	1	1	1	2	1
Safety valve	1	1	1	1	1	1	1	1
Gauge 50/100 mm	1	1	1	1	1	1	1	1
Galvanized fittings	-	-	1	4	4	4	4	4
Test flange	-	-	-	-	-	-	1	1

Indhold:	KIT A	KIT B	KIT C
Ballofix	1	1	1
Ball valve 3/8"	1	-	-
Ball valve 3/4"	-	-	1
Drain valve 1 1/4"	-	1	-
Safety valve	1	1	1
Gauge 50/100 mm	1	1	1

HIGH PRESSURE RECEIVERS ON NEXT PAGE ➤

AIR RECEIVERS - HIGH PRESSURE

PAINTED

Model	Art. no.	Capacity <i>L</i>	Max. pressure <i>barg</i>	Incl. kit	Height <i>mm</i>	Diameter <i>mm</i>
V500	4101000944	500	15	KIT 5	2055	600
V1000	4101000946	1000	15	KIT 8	2315	800
V2000	4101000950	2000	16	KIT C	2810	1000
V3000	4101000969	3000	16	KIT C	2930	1200
V4000	4101000972	4000	16	Not incl.	3110	1430
V5000	4101000975	5000	16	Not incl.	3610	1430



GALVANIZED

Model	Art. no.	Capacity <i>L</i>	Max. pressure <i>barg</i>	Incl. kit	Height <i>mm</i>	Diameter <i>mm</i>
V500 GALV	4101000963	500	16	KIT C	2120	600
V1000 GALV	4101000965	1000	16	KIT C	2365	790
V2000 GALV	4101000967	2000	16	KIT C	2810	1000
V3000 GALV	4101000970	3000	16	KIT C	2930	1200
V4000 GALV	4101000973	4000	16	Not incl.	3110	1430
V5000 GALV	4101000976	5000	16	Not incl.	3610	1430



VITROFLEX IN. / PAINTED OUT.

Model	Art. no.	Capacity <i>L</i>	Max. pressure <i>barg</i>	Incl. kit	Height <i>mm</i>	Diameter <i>mm</i>
V500 Vitroflex	4101000964	500	16	KIT C	2120	600
V1000 Vitroflex	4101000966	1000	16	KIT C	2365	790
V2000 Vitroflex	4101000968	2000	16	KIT C	2810	1000
V3000 Vitroflex	4101000971	3000	16	KIT C	2930	1200
V4000 Vitroflex	4101000974	4000	16	Not incl.	3110	1430
V5000 Vitroflex	4101000977	5000	16	Not incl.	3610	1430



ACCESSORIES AND
SPARE PARTS

AIRNET

AIRNET AIR ACCESSORIES

PIPE SYSTEMS FROM AIRNET PREVENTS YOUR MONEY FROM VANISHING INTO THIN AIR.

REDUCE ENERGY COSTS BY UP TO 30%

- An efficient compressed air system must include a well designed pipe network because a correctly designed pipe system minimises the pressure lost from the line.

We will design the perfect pipe system and appropriate connection points for you based on your individual requirements analysis for maximum efficiency – always with consideration for the long-term future development of your company.

OPTIMISATION OF EXISTING PIPE SYSTEMS

- Leaks in the pipe system can generate high costs. In smaller industry and trade networks the average leak is 5%, in larger networks it may even be 10-15%* (based on consumption during production times).

Additional costs resulting from leaks*

Ø leak mm	Air loss at 6 bar l/sec.	Energy loss/year at 8.760 h/a and 0.19 €/kWh	
		kWh	€
1	1.24	2,891	549.29
3	11.14	26,017	4,943.23
5	30.95	72,270	13,731.30

* Source: Bavarian Environmental Protection Agency (Hrsg.): „Protect the climate - Reduce costs: Guideline for efficient energy use in trade and industry“, 1st edition, Augsburg, 2004

CONTACT US
For our full Airnet assortment



Telephone: +45 87 43 13 68
E-mail: soren.bay@reno-ff.com
Søren Bay
Product responsible, AIRnet piping

AIRNET PIPING SYSTEM

REUSEABLE ALUMINUM PIPING SYSTEM DESIGNED TO PROVIDE FAST, EASY AND RELIABLE DISTRIBUTION NETWORK FOR COMPRESSED AIR, NITROGEN AND VACUUM. TECHNOLOGY AND INNOVATION BASED ON TECHNICAL EXPERTISE.

TIME AND TOOLING

- Quick connections with no need to crimp, thread, solder or glue the pipe
- No heavy tooling or machinery required
- PF and Black Series can be connected to any existing network via simple use of adaptor unions and nipple sockets
- PF series is assembled by hand, a push of the pipe into the fitting is all it takes

SUSTAINABILITY

- Optimized inner body design minimizes flow resistance and pressure drop in the fittings
- Low friction factor and seamless connections minimize pressure drops in the pipe network
- Superior sealing technology ensures a leak free system and maintains performance over time
- Durable and corrosion resistant materials offers a maintenance free system

MODULARITY

- Easy to handle and easy to work with lightweight materials
- Modular design supports extensions and modifications to meet new demands
- Components are interchangeable and reusable after disassembly
- Quickdrops are easily mounted, both horizontally and vertically

SAFETY

- Safety factor of 4 for all diameters (burst pressure)
- Camera control and automatic assembly guarantee zero defect manufacturing
- Plastic components and pipe clips comply to UL 94 HB and UL 94 V-2 for flammability
- Torque indicators ensure sufficient torquing



AIRNET PIPING SYSTEM

PIPES 20 (3/4") - 25 (1") - 40 (1 1/2") - 50 (2") - 63 (2 1/2") - 80 (3") 100 (4") - 158 (6") MM



Applications	Compressed Air and Vacuum
Additional gasses	Nitrogen, Helium, Argon, Neon, Xenon and Krypton
Material	Extruded aluminum alloy 6063 T5 - EN 755-2 (ASTM B241)
Safety factor	4 for all diameters (burst pressure) - calculated acc. to ASME B31.1
Working pressure	Max. 16 bar(g)
Working temperature	-20 °C to +80 °C
Vacuum level	13 mbar(a)
Dew point	Lowest allowable pressure dewpoint is -70°C
Outside treatment	Polyester powder paint (Qualicoat certificeret)
Inside treatment	Chrome free conversion treatment
Colours	Blue RAL 5012 and green RAL 6018 (green only in Ø20-Ø25)

FITTINGS 20 (3/4") - 25 (1") - 40 (1 1/2") - 50 (2") MM (PF SERIES)



Connection	Push to fit technology
Materials	Engineered polymer PA6 - GF30 fiberglass reinforcement
	Aluminum high pressure die casting EN AC-46100 (similar to A03830)
	Wrought aluminum alloy EN AW-6026 (similar to alloy 6082)
Seal fittings	NBR 70 Sh A (PTFE coating on pipe seal)

FITTINGS 63 (2 1/2") - 80 (3") MM (BLACK SERIES)



Connection	Torque to grip technology
Materials	Aluminum high pressure die casting EN AC-46100 (similar to A03830)
	Aluminum permanent mold casting EN AC-43100 (similar to A13600)
	Wrought aluminum alloy EN AW-6026 (similar to alloy 6082)
Seal fittings	NBR 70 Sh A

FITTINGS 100 (4") - 158 (6") MM



Connection	Bolt Clamp technology
Materials	Aluminum permanent mold casting EN AC-43100 (similar to A13600)
	Stainless Steel EN 1.4301 (similar to alloy 304)
Seal fittings	NBR 70 Sh A

HOSES AND WORKSHOP EQUIPMENT

FOR AN PERFECTLY ORGANISED WORKPLACE.

POLYAMIDE SPIRAL HOSE



- With rotary quick-action coupling (only QRC) and plug nipple, ready for immediate use
- Bend protection at the spiral hose ends for an extended service life and constant air flow
- Particularly suitable for tractions due to high reset force

▶ Connections with swivel joints (except 2813940000)

Model	Art. no.	With quick-action coupling and plug nipple	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Working lenght (m)	Stretched lenght (m)
SH PA-QRC-E-8 bar 8-6/5m	2813940000	EURO profile	8	8	6	2.5	5
SH PA-QRC-E-8 bar 8-6/7,5m	2813940001	EURO profile	8	8	6	4	7.5
SH PA-QRC-E-8 bar 8-6/15m	2813940002	EURO profile	8	8	6	8	15
SH PA-QRC-U-8 bar 8-6/5m	2813940004	UNIVERSAL profile	8	8	6	2.5	5
SH PA-QRC-U-8 bar 8-6/10m	2813940005	UNIVERSAL profile	8	8	6	6	7.5
SH PA-QRC-U-8 bar 8-6/15m	2813940006	UNIVERSAL profile	8	8	6	8	15
SH PA-BJ-8 bar 8-6/5m	2813940007	BAYONET profile	8	8	6	2.5	5
SH PA-BJ-8 bar 8-6/10m	2813940008	BAYONET profile	8	8	6	6	7.5
SH PA-BJ-8 bar 8-6/15m	2813940009	BAYONET profile	8	8	6	8	15
SH PA-QRC-E-8 bar 10-8/10m	2813940003	EURO profile	8	10	8	6	10

POLYURETHANE SPIRAL HOSE



- With rotary quick-action coupling (only SSL-SK) and plug nipple, ready for immediate use
- Bend protection at the spiral hose ends for an extended service life and constant air flow
- Small winding diameter saves space
- Particularly abrasion-resistant and very resilient
- No remaining cross-section reductions upon bending

▶ Connections with swivel joints

Model	Art. no.	With quick-action coupling and plug nipple	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Working lenght (m)	Stretched lenght (m)
SH PUR-QRC-E-8 bar 10-6,5/6m	2813940010	EURO profile	8	10	6.5	4.8	6
SH PUR-QRC-E-8 bar 10-6,5/7,5m	2813940011	EURO profile	8	10	6.5	6	7.5
SH PUR-8 bar 10-6,5/7,5m	2813940014		8	10	6.5	6	7.5
SH PUR-QRC-E-8 bar 12-8/6m	2813940012	EURO profile	8	12	8	4.8	6
SH PUR-QRC-E-8 bar 12-8/7,5m	2813940013	EURO profile	8	12	8	6	7.5
SH PUR-8 bar 12-8/7,5m	2813940015		8	12	8	6	7.5
SH PUR-8 bar 16-10/5m	2813940016		8	16	10	2.5	5
SH PUR-8 bar 16-10/10m	2813940017		8	16	10	6	10

PVC HOSE WITH FABRIC INLAY

- Particularly resistant against compressed air containing oil

▶ Max. operating pressure: 15 bar at 20 °C

Model	Art. no.	w/quick-action coupling and plug nipple	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Lenght (m)
H PVC-QRC-E-15 bar 11-6/5m	2813930000	EURO profile	15	11	6	5
H PVC-QRC-U-15 bar 11-6/5m	2813930005	UNIVERSAL profile	15	11	6	5
H PVC-QRC-E-15 bar 11-6/10m	2813930001	EURO profile	15	11	6	10
H PVC-QRC-U-15 bar 11-6/10m	2813930006	UNIVERSAL profile	15	11	6	10
H PVC-15 bar 11-6/25m	2813930015		15	11	6	25
H PVC-15 bar 11-6/50m	2813930016		15	11	6	50
H PVC-QRC-E-15 bar 15-9/5m	2813930002	EURO profile	15	15	9	5
H PVC-QRC-U-15 bar 15-9/5m	2813930007	UNIVERSAL profile	15	15	9	5
H PVC-QRC-E-15 bar 15-9/10m	2813930003	EURO profile	15	15	9	10
H PVC-QRC-U-15 bar 15-9/10m	2813930008	UNIVERSAL profile	15	15	9	10
H PVC-15 bar 15-9/25m	2813930017		15	15	9	25
H PVC-15 bar 15-9/50m	2813930018		15	15	9	50
H PVC-QRC-E-15 bar 18-13/10m	2813930004	EURO profile	15	18	13	10
H PVC-QRC-U-15 bar 18-13/10m	2813930009	UNIVERSAL profile	15	18	13	10
H PVC-15 bar 18-13/25m	2813930019		15	18	13	25
H PVC-15 bar 18-13/50m	2813930020		15	18	13	50
H PVC-QRC-E-OR-15 bar 15-9/10m	2813930010	EURO profile	15	15	9	10
H PVC-OR-15 bar 15-9/25m	2813930021		15	15	9	25



2813930003



2813930010 "oil-resistant"

SUPER-FLEX HOSE

- Reinforced external material for greater resistance to ageing and protection against compressed air containing oil
- Extremely flexible, even at low temperatures

▶ PVC hose with fabric inlay

▶ Max. operating pressure: 15 bar at 20 °C

Model	Art. no.	w/quick-action coupling and plug nipple	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Lenght (m)
H PVC-QRC-E-SF-15 bar 11-6/5m	2813930011	EURO profile	15	11	6.3	5
H PVC-QRC-E-SF-15 bar 11-6/10m	2813930012	EURO profile	15	11	6.3	10
H PVC-SF-15 bar 11-6/25m	2813930022		15	11	6.3	25
H PVC-SF-15 bar 11-6/50m	2813930023		15	11	6.3	50
H PVC-QRC-E-SF-15 bar 15-10/5m	2813930013	EURO profile	15	15.5	10	5
H PVC-QRC-E-SF-15 bar 15-10/10m	2813930014	EURO profile	15	15.5	10	10
H PVC-SF-15 bar 15-10/25m	2813930024		15	15.5	10	25
H PVC-SF-15 bar 15-10/50m	2813930025		15	15.5	10	50
H PVC-SF-15 bar 19-13/25m	2813930026		15	19	12.7	25
H PVC-SF-15 bar 19-13/50m	2813930027		15	19	12.7	50
H PVC-SF-15 bar 27-19/25m	2813930028		15	27	19	25
H PVC-SF-15 bar 27-19/50m	2813930029		15	27	19	50



2813930014



2813930023

HIGH-PRESSURE HOSE VERSION

- High-pressure version for pressure up to 40 bar
- Particularly suitable for connecting pneumatic tools outdoors
- Extremely flexible, even at low temperatures
- For temperature range from -15 °C to +60 °C

▶ PVC hose with reinforced polyester threads, smooth hose core and UVresistant outer lining

▶ Max. operating pressure: 40 bar at 20 °C

Model	Art. no.	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Lenght (m)
H PVC-SF-40 bar 16-9/50m	2813930030	40	16	9	50
H PVC-SF-40 bar 21-13/50m	2813930031	40	21	13	50



SPIRAL HOSE - PUR

Model	Best. nr.	Extendable lenght (m)	Connection
Spiral hose - Pur	4574	2	1/4"
Spiral hose - Pur	4575	4	1/4"
Spiral hose - Pur	4576	6	1/4"
Spiral hose - Pur	4577	8	1/4"



TRACTION

- For all types of portable devices and tools
- Fully fitted with safety cable, terminal block and snap hook
- High degree of flexibility because the spring tension on the housing can be used to set and adjust the required load capacity

▶ Compact, with robust aluminium housing

▶ Rubber buffer at the end



Model	Art. no.	Carrying power (kg)	Stroke lenght (m)	Weight (kg)
EQ SST-0,4-1,0kg	2813960000	1	1.6	0.63
EQ SST-1,0-2,0kg	2813960001	2	1.6	0.67
EQ SST-2,0-3,0kg	2813960002	3	1.6	0.79
EQ SST-2,0-4,0kg	2813960003	4	2.5	2.85
EQ SST-4,0-6,0kg	2813960004	6	2.5	3
EQ SST-6,0-8,0kg	2813960005	8	2.5	3.1

HOSE REWINDER, AUTOMATIC

- With durable rolling mechanism for daily use in trade and the industry
- Fully fitted with quick-action coupling and long connection hose with plug nipple, ready to connect
- Flexible use with large swivel range
- Wall mounting

▶ Abrasion-resistant, flexible air hose with antikink spring and hose locking device

▶ Locking function can be deactivated

▶ Plastic housing



Model	Art. no.	Max pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Extendable lenght (m)	Weight (kg)
HR PVC-QRC-U-A-15 bar 12-8/10m	2813950004	15	12	8	10	4
HR PVC-QRC-U-A-15 bar 12-8/15m	2813950005	15	12	8	15	7.3
HR PVC-QRC-U-A-15 bar 14-10/15m	2813950006	15	14	10	15	8.8
HR PVC-QRC-U-A-15 bar 18-13/15m	2813950007	15	17.5	12.5	15	10.5

ACCESSORIES FOR HOSE REWINDER, AUT.

- More safety by slowing down the rewinding hose

Model	Art. no.	Accessories
HR B 18-13/15	2813950008	for HR PVC-QRC-U-A-15 bar 18-13/15m (2813950007)



HOSE REWINDER, AUTOMATIC



- Fully fitted with quick-action coupling and long connection hose with plug nipple, ready to connect
- Flexible use with large swivel range greater than 180°
- For wall and ceiling mounting

▶	With robust metal housing
▶	With protected quick-action coupling
▶	Abrasion-resistant, flexible hose with antikink spring and locking device

Model	Art. no.	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Extendable length (m)	Weight (kg)
HR PVC-QRC-U-A-15 bar 12-8/9m	2813950002	15	12	8	9	5
HR PVC-QRC-U-A-15 bar 12-8/15m	2813950003	15	12	8	15	6

AUTOMATISKE SLANGEOPRULLERE



FC 827203



FC 801203/801204

- Available as an open variant with metal housing or as a closed variant with plastic housing
- Fitted with polymer hoses
- For wall and ceiling mounting

▶	Epoxy powder coated surface treatment
▶	Steering arm with 4 directional rollers, adjustable in 9 positions
▶	Large working radius thanks to 20m. hose

Model	Art. nr.	Max pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Extendable length (m)	Weight (kg)
FC801203 - 3/8"	FC801203	20	14.8 ~ 15.4	8.8 ~ 9.4	20	18
FC801204 - 1/2"	FC801204	20	18.5 ~ 19.0	11.5 ~ 12.1	20	21
FC827203 - 3/8"	FC827203	20	14.8 ~ 15.4	8.8 ~ 9.4	20	8

HOSE REWINDER, MANUAL



- Axial connection - this way the hose can also be wound and unwound during operation
- Flexible PVC hose with fabric inlay

▶	Shock-resistant plastic housing
▶	Large work radius thanks to 20 m hose

Model	Art. no.	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Extendable length (m)	Weight (kg)
HR PVC-QRC-U-M-15 bar 15-9/20m	2813950000	15	15	9	20	3.9

POWER AND AIR SUPPLY UNIT

- Galvanised suspension chain relieves the connection hose and connection cable
- Electric safety device - the thermal fuse automatically switches off in the event of overheating
- Robust housing - splashproof and dustproof acc. to IP 44

▶	Safety couplings prevent the air hose from ejecting during release
▶	Connection option - every 3 shockproof sockets on front and back



Model	Art. no.	Schuko power outlets 16 A/ 230 V (pcs.)	Cekon power outlets 16 A/ 400 V (pcs.)	Air connections	Suspension chain length (m)	Suspension hose int. dia. (mm)	Weight (kg)
EQ EB-PVC-2QRC-SF-15 bar-6*230V	2813960009	6		2	2	9	2.9
EQ EB-PVC-2QRC-SF-15bar-6*230V-1*400V	2813960010	6	1	2	2	9	2.9

POWER AND AIR SUPPLY UNIT

- Galvanised suspension chain relieves the connection hose and connection cable
- Robust housing - splashproof and dustproof acc. to IP 44
- Ready to connect thanks to connected electric cable with plug and air hose (length: 3 m) with plug nipple

▶	Safety couplings prevent the air hose from ejecting during release
▶	Connection option - every 3 shockproof sockets



Model	Art. no.	Schuko power outlets 16 A/ 230 V (pcs.)	Air connections	Suspension chain length (m)	Suspension hose int. dia. (mm)	Weight (kg)
EQ EB-PVC-QRC-SF-12 bar-3*230V	2813960011	3	1	3	9	2.0

MAINTENANCE UNITS

EXCELLENT AIR QUALITY FOR EVERY APPLICATION

PRESSURE REDUCER

- Pressure regulator with piston for high operational reliability
- High stability of adjusting pressure, even if the input pressure or the flow rate changes
- Assembly independent of flow direction thanks to double-sided connection option for pressure gauge

▶	With lockable adjustment button
▶	Regulation range 0-12 bar
▶	Standard features include: pressure gauge

Model	Art. no.	Flow rate (l/min)	Connecting thread	Connection for pressure gauge	Dimensions (WxDxH)
FRL PR-1/4"f	2813920000	700	G 1/4"i	G 1/8"i	42x42x94
FRL PR-3/8"f	2813920001	2,500	G 3/8"i	G 1/8"i	60x60x130
FRL PR-1/2"f	2813920002	2,500	G 1/2"i	G 1/8"i	60x60x130
FRL PR-3/4"f	2813920003	5,600	G 3/4"i	G 1/4"i	80x80x184
FRL PR-1"f	2813920005	5,600	G 1"i	G 1/4"i	80x80x184

WATER SEPARATOR WITH FILTER

- Centrifugal acceleration of compressed air for efficient separation of dirt particles and condensate
- Filtering function upstream of the pressure reducer

▶	Two-stage mechanical filter with 20 µm
▶	Semi-automatic drainage

Model	Art. no.	Connecting thread	Condensate tank volume (cm³)	Dimensions (WxDxH)
FRL WS-1/4"f	2813920007	G 1/4"i	10	42x42x142
FRL WS-3/8"f	2813920008	G 3/8"i	45	60x60x180
FRL WS-1/2"f	2813920009	G 1/2"i	45	60x60x180
FRL WS-3/4"f	2813920010	G 3/4"i	170	80x80x235
FRL WS-1"f	2813920012	G 1"i	170	80x80x235

FILTER PRESSURE REDUCER



- Combines the technical benefits of the pressure reducer and the water separator with filter in one compact unit
- Pressure regulator with piston for high operational reliability
- Assembly independent of flow direction thanks to double-sided connection option for pressure gauge

▶	With lockable adjustment button
▶	Regulation range 0-12 bar
▶	Standard features include: pressure gauge and 20 µm filter element

Model	Art. no.	Flow rate (l/min)	Connection thread	Condensate tank volume (cm³)	Dimensions (WxDxH)
FRL FPR-1/4"f	2813920014	700	G 1/4"i	10	42x42x190
FRL FPR-3/8"f	2813920015	2,500	G 3/8"i	45	60x60x245
FRL FPR-1/2"f	2813920016	2,500	G 1/2"i	45	60x60x245
FRL FPR-3/4"f	2813920017	5,600	G 3/4"i	170	80x80x332
FRL FPR-1"f	2813920019	5,600	G 1"i	170	80x80x332

MIST OILER



- Regular oil flow for efficient supply to tools
- Proportional adjustment of the oil supply to the air flow rate for optimal lubrication possible, even at low pressures and low air flow rates
- Oil purification downstream of the filter pressure reducer

Model	Art. no.	Connection thread	Condensate tank volume (cm³)	Dimensions (WxDxH)
FRL MO-1/4"f	2813920021	G 1/4"i	50	42x42x156
FRL MO-3/8"f	2813920022	G 3/8"i	150	60x60x195
FRL MO-1/2"f	2813920023	G 1/2"i	150	60x60x195
FRL MO-3/4"f	2813920024	G 3/4"i	379	80x80x260
FRL MO-1"f	2813920025	G 1"i	379	80x80x260

FILTER UNITS



- Fully fitted maintenance system consisting of filter pressure reducer and mist oiler (2-way filter unit) or filter water separator, pressure reducer and mist oiler (3-way filter unit) ready for immediate operation
- Pressure regulator with piston for high operational reliability

▶	With lockable adjustment button
▶	Regulation range 0-12 bar
▶	Standard features include: pressure gauge and 20 µm filter element

Model	Best. nr.	Flow rate (l/min)	Version	Connection thread	Dimensions (WxDxH)
FRL FPR-MO-1/4"f	2813920026	700	double	G 1/4"i	84x42x190
FRL FPR-MO-3/8"f	2813920027	2,500	double	G 3/8"i	120x60x245
FRL FPR-MO-1/2"f	2813920028	2,500	double	G 1/2"i	120x60x245
FRL FPR-MO-3/4"f	2813920029	5,600	double	G 3/4"i	160x80x332
FRL FPR-MO-1"f	2813920031	5,600	double	G 1"i	160x80x332

FILTER UNITS / PRESSURE REDUCER 1/4"

Model	Tilslutningsgevind	Best. nr
Filter unit / Pressure reducer	1/4"	4381
Pressure reducer filter/Mist oiler	1/4"	4386



FILTER UNITS / PRESSURE REDUCER 1/2"

Model	Tilslutningsgevind	Best. nr
Filter unit / Pressure reducer	1/2"	C33BMAN
Filter unit	1/2"	F33BMAN
Mist oiler	1/2"	L33B
Reducer valve	1/2"	R33
Assembly kit	1/2"	KP33
Wallmount	1/2"	ZW331
Manometers Ø50	1/2"	G50610R
Pneumatic oil Cube, 1 Liter	-	199031580
Filter unit - aut. water	1/2"	F33AM10 B
Filter unit / Pressure reducer - aut. water	1/2"	C33AM10



FILTER UNITS / PRESSURE REDUCER 1"

Model	Tilslutningsgevind	Best. nr
Filter unit / Pressure reducer	1"	C55BMAN
Filter unit	1"	F55BMAN
Mist oiler	1"	L55B
Reducer valve	1"	R55
Assembly kit	1"	KP55
Wallmount	1"	ZW55
Manometers Ø 63	1"	G63610R



PRESSURE REDUCER 1/4"

Model	Tilslutningsgevind	Best. nr
With manometers (Without coupling), to the right	1/4"	4370
With manometers (Without coupling) to the left	1/4"	4370/1



COMPRESSOR BLOCKS

ALUMINIUM

FOR RENO COMPRESSORS - AFTER 2020

Model	Air displacement (L/min.)	Motor (kW)	Art. no.
NS12	225 - 255	1,5	4116090299
NS19S	393	2,2	4116090302
NS31S	444 - 595	2,2 - 4	4116090680
NS39S	405 - 666	3 - 4	4116090239
NS59S	950	5,5	4116090253



ALUMINIUM

FOR RENO COMPRESSORS - BEFORE 2020

Model	Stroke volume	Motor (kW)	Art. no.
K11	300 liter	1,5	400033
K18	420 liter	3	400034
K25	500 liter	4	400035
K28	650 liter	5,5	1280056935
K30	700 liter	5,5	400036
K50	1200 liter	7,5	400037
K18 relief valve	420 liter	3	400172
K25 relief valve	500 liter	4	400032
K30 relief valve	700 liter	5,5	400038
K50 relief valve	1200 liter	7,5	400039
K60 relief valve	1800 liter	11	400164
K100 relief valve	2150 liter	15	400040



CAST IRON

FOR FF INDUSTRY COMPRESSORS

Model	Air displacement (L/min.)	Motor (kW)	Art. no.	Year
FF P203	474 - 672	3 - 4	4116000371	After 2020
FF P205	451 - 586	4 - 5,5	4116000372	After 2020
FF U205 - Valve relief	586	5,5	4116000373	After 2020
FF SVP 203	474 - 672	3 - 4	400481	Before 2020
FF SVP 205	451 - 586	4 - 5,5	400490	Before 2020



ELECTRIC MOTOR

2800 RPM.

Model	Art. no.
2,5 HP/1,8 kW	400091
3,0 HP/2,2 kW	400092
4,0 HP/2,2 kW	400093
5,5 HP/4,0 kW	400094-1
7,5 HP/5,5 kW	400095



REP KITS


GASKET OG VALVE SETS

Model	Best. nr.
Gasket set for SV203/205	2030001
Valve set for SV203/205	2030002
Comp. Gasket/valve set for K18	943404
Comp. Gasket/valve set for K25	9434H05
Comp. Gasket/valve set for K30	943407




OTHER ACCESSORIES

SAFETY COUPLINGS WITH HOSE NOZZLE

Model	Art. no.	
1/4"	5804830	
3/8"	5804835	
1/2"	5804840	


SAFETY COUPLINGS INT./EXT. THREAD

Model	Art. no.	
1/4" int. thread	5804800	
1/4" ext. thread	5804815	
3/8" int. thread	5804805	
3/8" ext. thread	5804820	
1/2" int. thread	5804810	
1/2" ext. thread	5804825	


SAFETY VALVES CE APPROVED

Model	Art. n0.	
1/4" 6 bar CE	FF34080	
1/4" 8,5 bar	190053	
1/4" 11 bar CE	400018/1	
3/8" 8 bar CE	FF34122	
3/8" 9,5 bar CE	FF34089	
3/8" 10 bar CE	400597	
3/8" 10,5 bar CE	FF34091	
3/8" 11 bar CE	410110	
3/8" 12 bar CE	FF34090	
3/8" 15 bar CE	400595	
3/8" 16 bar CE	410155	
1/2" 10 bar CE	FF34113	
1/2" 10,5 bar CE	FF34109	
1/2" 11 bar CE	410115	
1/2" 15,5 bar CE	FF34116	

NON-RETURN VALVES

Model	Art. no.	
1/4" 6 bar CE	FF34080	
1/4" 8,5 bar	190053	
1/4" 11 bar CE	400018/1	
3/8" 8 bar CE	FF34122	
3/8" 9,5 bar CE	FF34089	
3/8" 10 bar CE	400597	

INFLATORS WITH GAUGE



Model	Art. no.	
Prof. with hose	4422	
Prof. with 5 m hose	4422-5	
Prof. with hose and rod	4419	

Delivered without nipple (art. no. 4690)

PUSH IN FITTINGS


Model	Art. no.	
1/4" x Ø6 mm, straight	PC0602G	
1/4" x Ø8 mm, straight	PC0802G	
1/4" x Ø10 mm, straight	PC1002G	
1/4" x Ø12 mm, straight	PC1202G	
Ø6 mm, straight conn.	PUC06	
Ø8 mm, straight conn.	PUC08	
Ø10 mm, straight conn.	PUC10	
Ø12 mm, straight conn.	PUC12	
2xØ6 mm, elbow conn.	PUL06	
2xØ8 mm, elbow conn.	PUL08	
2xØ10 mm, elbow conn.	PUL10	
2xØ12 mm, elbow conn.	PUL12	

BLOWING GUNS


Model	Art. no.	
"Airboy"	4431	
50 cm	4434	
100 cm	4433	
Cycle valve	4435	
Ball pump	4436	

Delivered without nipple (art. no. 4690)


MANOMETERS

Model	Art. no.	
1/8" 0-12 bar	400158	
1/8" 0-300 bar, glycerin	800074	
1/4" 0-16 bar	400022	
1/4" 0-20 bar	39606511	
1/4" 0.250 bar, glycerin	163322	
For air filler, thread in side	4421	
For air filler, rear thread	4421/1	


PRESSURE SWITCHES

Model	Art. no.	
Pressure switch without engine protection, 220 V, 3 outlet	400021	
Pressure switch without engine protection 3 phase, 3 outlet	400020	
Pressure switch with engine protection, 4-6 amp	400666	
Pressure switch with engine protection 6,3-10 Amp	400667	
Pressure switch with engine protection 10-16 Amp	400668	
Condor, MDR 3, 3/8"	401666	
Condor, MDR 3 3/8"	401667	
Relief valve w/cutting ring	FF32052	
Point socket 1/4-1/2"	000246425	


FILTERS

Model	Art. no.	
Filter - Reno	404610	
Hose for filter	450252	
Tip sleeve	450252/1	
Filter insert - Reno	404630	


INDSUGNINGSFILTER TIL FF INDUSTRIEBLOKKE

Model	Best. nr.	
Air filter - Complete	2057310	
Air filter insert	2057312	


CEE-CONNECTOR

Model	Art. no.	
CEE-connector 16A	250077	
Plug for CEE-non 16A	250177	
CEE-Con 16A w/pole rev.	400507	
CEE-Con 32A	250277	
Plug for CEE-Con 32A	250377	


FILTER FOR K25-K100

Model	Art. no.	
Air filter complete K25-K100	450640	
Air filter insert K25-K100	450238	
Air filter insert K11-K18	450043	


INTAKE FILTER

Model	Art. no.	
Air filter - complete	404645	
Filter insert	450294	


INTAKE FILTERS

Model	Art. no.	
3/8" plastic	260049	
1/2" plastic	260030	
3/8" metal	260148	
1/2" metal	260048	
3/4" metal	260248	
Filter insert	260249	



CONNECTION Hoses and Nipples

Model	Best. nr.	
1/2" Hose, 1,5 m	400006	
3/4" Hose, 1 m	400107	
1" Hose, 1 m	400108	
1/2" Nippel	84R	
3/4" Nippel	184	
1" Nippel	284	

AIR SAVER

Model	Best. nr.	
Air Saver 1"	3140	
Air Saver 2"	3142	


HOSE NIPPLES

Model	Best. nr.	
1/4" x 1/4"	4900R	
1/4" x 3/8"	4915	
1/4" x 1/2"	4920R	
3/8" x 1/4"	4925	
1/2" x 1/2"	4930	
3/8" x 3/8"	4940	


QUICK CONNECTORS
INT./EXT. THREAD

Model	Best. nr.	
1/4" int. thread	4304800	
3/8" int. thread	4304805	
1/2" int. thread	4304810	
1/4" ext. thread	4304815	
3/8" ext. thread	4304820	
1/2" ext. thread	4304825	


QUICK CONNECTORS
M. SLANGESTUDS

Model	Best. nr.	
1/4"	4304830	
5/16"	4304831	
3/8"	4304835	
1/2"	4304840	

NIPPLES TO HOSES

Model	Best. nr.	
1/4"	5204660	
5/16"	5204662	
3/8"	5204665	
1/2"	5204670	



HOSE CONNECTORS

Model	Best. nr.	
1/4"	4697	
3/8"	4698	
1/2"	4699	



NIPPLE SLEEVES

Model	Best. nr.	
1/4" x 1/8"	250021	
3/8" x 1/4"	250008	
1/2" x 1/4"	250030	
1/2" x 3/8"	400080	
3/4" x 1/2"	000241433	
3/4" x 3/8"	000241432	

BRYSTNIPLER

Model	Best. nr.	
1/8"	350014	
1/4"	300185	
3/8"	250004	
3/4" x 1/2"	250031	
3/8" x 1/4"	400081	
1/2" x 3/8"	350012	
3/4" x 3/4"	250231	
1/2" x 1/2"	250431	

NIPPLES
INT./EXT. THREAD

Model	Best. nr.	
1/4" int. thread	5204680	
3/8" int. thread	5204685	
1/2" int. thread	5204686	
1/4" ext. thread	5204690	
3/8" ext. thread	5204695	
1/2" ext. thread	5204687	

OIL AND LUBRICANTS

TO ENSURE OPTIMUM OPERATION IT'S ESSENTIAL TO USE ORIGINAL PARTS, INCLUDING OIL AND LUBRICANTS. MORE IMPORTANTLY, YOU ALWAYS HAVE TO USE THE CORRECT OIL FOR YOUR COMPRESSOR.

CHOOSE THE RIGHT OIL

	Altair	Altair Pro	Altair 150	Rotair	Rotair Plus	Rotair Xtra	Rotair Food Grade
Piston compressors							
Semi-professional		✓					
Professional	✓						
FF Industry			✓				
Screw compressors				✓	✓	✓	✓

Semi-professional: Single-phase, direct-driven and belt-driven. E.g. the Ol-range.
Professional: Three-phase, belt-driven compressors. E.g. 500/90 and 950/90+90.
FF Industry: All FF piston compressors.

FOR PISTON COMPRESSORS

Description	Size (L)	Service life (hours)	Art. no.
Altair	1	1,000	6215716300
Altair Pro	1	1,000	1630020700
Altair 150	1	1,000	1630054300
Altair 150	5	1,000	1630047900
Compressor oil for Silent Air	1	-	400469
Pneumatic oil Cube	1	-	199031580
Klüber (Food grade)	1	1.000	401264



FOR SCREW COMPRESSORS

Description	Size (L)	Service life (hours)	Art. no.
Rotair	5	2,000	6215714000
Rotair	20	2,000	6215714100
Rotair Plus	5	4,000	1630144405
Rotair Plus	20	4,000	1630144420
Rotair Xtra	5	8,000	6215714800
Rotair Xtra	20	8,000	6215714900



FOOD GRADE

Description	Size (L)	Service life (hours)	Art. no.
Rotair Food Grade	5	4,000	1630082100
Rotair Food Grade	20	4,000	1630060500



HIGH PRESSURE

HIGH PRESSURE CLEANERS

RENO offers a wide range of mobile and stationary high pressure cleaners. All are characterized by very high quality, efficiency, longevity and low noise level.

WHAT IS HIGH PRESSURE?

WATER UNDER HIGH PRESSURE IS CURRENTLY THE OPTIMAL SOLUTION FOR CLEANING OFF DIRT. A HIGH PRESSURE WATER SPRAY CONSISTS OF WATER FORCED THROUGH A NOZZLE, TO INCREASE THE WATER PRESSURE AND THUS THE CLEANING EFFECT.

Six parameters determine the cleaning effect and define which machine is suitable for the purpose:

1. PRESSURE (LOW VS. HIGH PRESSURE)

Traditionally, high-pressure cleaners operate at a pressure in the range of 50-250 bar. Increased pressure increases the ability to loosen coating. Higher pressure contributes to faster cleaning.

2. WATER FLOW

The water flow in a high pressure cleaner is equivalent to just 10-30% of the consumption by a traditional garden hose. High pressure sprays thus save water in relation to their higher cleaning effect.

Higher water flows will increase the cleaning effect, typically making it possible to clean larger surfaces in one go. In addition, a high water flow has a good flushing effect, removing dirt quickly from the cleaning area. Water flow and pressure are both crucial parameters for effective cleaning.

3. TEMPERATURE (COLD VS. HOT WATER)

A higher temperature generally improves cleaning ability, due to the better solubility.

Cold water cleaners are traditionally used for cleaning water-soluble soil and dirt, while hot water cleaners are used for cleaning greasy or oily dirt and deposits (mineral/animal).

The hot water cleaner works on the same principle as the cold water cleaner, except that the water is heated in an integral oil-fired boiler with a high-pressure heating coil to a temperature of 40-120°C after the water has been pressurised.

If you only have a limited need for hot water, we recommend the following options:

- The cold water cleaner can be connected to a hot water tap. However, the inlet temperature must never exceed 60°C.
- The cold water cleaner can force the water through a "Hotbox" (oil-fired boiler with high pressure heating coil), which heats the water up to between 40-120°C.

4. UNIT TYPE (MOBILE VS. STATIONARY)

Stationary units are traditionally used where cleaning is carried out on a regular basis. A stationary unit reduces the number of hoses and cables. With stationary units, it is also possible to combine several pumps, so the system can be used by multiple users simultaneously.

Mobile units are used where the cleaning requirement varies or where higher flexibility is needed.

5. CLEANING AGENTS

Cleaning agent is also an important element for achieving high cleaning effect. By using an efficient cleaning agent you improve the overall cleaning.

6. CHOICE OF NOZZLE

It is important to use the right nozzle. A wrong choice will mean a lower water flow or unnecessary stoppages or recirculation.

NOZZLE GUIDE

We have created a simple guide to help you choose the right nozzle.

See page 139



HOW TO CHOOSE A HIGH PRESSURE CLEANER?

Large models will perform the task quicker and are dimensioned for more intensive use. For large tasks, an underscaled cleaner will not be as profitable, due to higher staff and operation costs. On the other hand, an over-dimensioned cleaner can result in an unprofitable investment.

Before deciding on a high pressure cleaner, the following aspects should be considered.

What type of cleaning is necessary?

The type of dirt or deposits to be cleaned is crucial for the right choice of high pressure cleaner type:

- > Pressure
- > Water flow
- > Temperature
- > Any additives to the water

What quality of cleaning is needed?

Cleaning quality can be divided into four basic levels:

- > Optically clean
- > Bacteriologically clean
- > Physically clean
- > Chemically clean

For high quality demands, a powerful high pressure cleaner should be selected.

Cleaning intensity and extent

The high pressure cleaner must be dimensioned to the required cleaning intensity and conditions, i.e. whether to choose a mobile or stationary solution, and between a powerful or less powerful model.



A HIGH PRESSURE CLEANER INSTALLATION BASICALLY CONSISTS OF:

High pressure cleaner

- > Piston pump
- > Motor
- > Expansion tank

Energy source

- > Electric (single-phase/three-phase)
- > Gas
- > Petrol or diesel-driven
- > Hydraulic

Water supply

- > Via hose
- > Via tank (cold or hot water)

Piping

- > 15 mm (max. recomm. l/min. 25)
- > 22 mm (max. recomm. l/min. 80)

Hose reel/hose

- > Automatic hose reel
- > Manual hose reel

COMPACT CLEAN 145/7



Accessories included









P145/7 includes lance, hose and gun. The high pressure cleaner is equipped with a practical holder for the accessories along with a hose reel.

By using standard equipment you optimize the operation of the machine.



MOBILE COLD WATER CLEANER

Efficient high-pressure cleaner designed for hobby use, as well as smaller tasks in agriculture and industry. Ideal for car washing and cleaning tiles and coating. Large wheels and ergonomic soft-grip and non-slip handle, ensures an extremely useful machine.

											
Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
P145/7	15204	2.1	2.8	-	2800	145	7.5	50	230/1/50	21.5	420x360x930

COMPACT CLEAN 150/8



Accessories:









P150/8 can be used as it is, or you can mount it on a wall or on a handy cart, depending on your specific needs.



Kit	Art. no.
Cart mounting	41869
Hose reel	41738
Wall mounting	41739
Wall mounting incl. 15 m hose	41880

MOBILE COLD WATER CLEANER

Small, robust and powerful high-pressure cleaner designed for hobby use, as well as small tasks in agriculture and industry. The machine has a pump with a brass cylinder head, and is ideal for car washing, boot washing and cleaning of tiles and coatings. Including 8m hose, pistol and lance. Many options for additional accessories.

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Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
P150/8	15205	2.5	3.4	-	2800	150	8	50	230/1/50	16.8	433x263x275

M165/14 | M170/14



Including:

- ✓ Hose
- ✓ Twin lances
- ✓ Gun











Accessories:

Hose reel kit with manual hose reel for 20 m hose.
Art. No. 250370 (excl. hose).



MOBILE COLD WATER CLEANER

Efficient and functional high-pressure cleaner designed for tasks in agriculture and industry. Built of galvanized steel plate, pump with ceramic pistons, and quality motor with low revs, which ensures a long service life. Model M165 / 14 is equipped with automatic start / stop.

<div></div>											
Model	Best. nr.	kW	hp	Amp	rpm	bar	l/min.	Max. °C	V	kg	LxBxH (mm)
M 165/14	M16514	4	5,5	9	1400	165	14	60	400/3/50	45	618x475x398/858
M 170/14	M17014	4	5,5	9	1400	170	14	60	400/3/50	45	618x475x398/858

MG160/19 | MG200/15
MG170/21











Accessories:

Hose reel kit for retrofitting.
With automatic hose reel. Art. no. MG001
With manual hose reel. Art. no. MG002.



MOBILE COLD WATER CLEANER

Extremely robust high-pressure cleaner, developed for tasks in agriculture and industry, with focus on functionality and ergonomics. Solidly built of galvanized steel plate, pump with ceramic pistons and quality motor with low revs, which ensures longevity. The machine has pressureless control and automatic start / stop. Model MG195 / 18 is specially developed for washing robot.

<div></div>											
Model	Best. nr.	kW	hp	Amp	rpm	bar	l/min.	Max. °C	V	kg	LxWxH (mm)
MG 160/19	MG16019	5,5	7,5	11	1400	160	19	60	400/3/50	77	864x564x488/866
MG 200/15	MG20015	5,5	7,5	11	1400	200	15	60	400/3/50	77	864x564x488/866
MG 170/21	MG17021	6,5	9	14	1400	170	21	60	400/3/50	77	864x564x488/866

MG200/21 - MG150/41



Accessories:

Hose reel kit for retrofitting.
With automatic hose reel. Art. no. MG001
With manual hose reel. Art. no. MG002.



MOBILE COLD WATER CLEANER

Powerful and robust high-pressure cleaner, developed for larger tasks in agriculture and industry, with a focus on functionality and ergonomics. Built of galvanized steel plate, quality motor with flex coupling and pump with ceramic pistons. The machine has pressureless control and automatic start / stop.



Model	Best. nr.	kW	hp	Amp	rpm	bar	l/min.	Max. °C	V	kg	LxWxH (mm)
MG 200/21	MG20021	7,5	10	15	1400	200	21	60	400/3/50	132	1022x616x600/868
MG 170/25	MG17025	7,5	10	15	1400	170	25	60	400/3/50	132	1022x616x600/868
MG 150/30	MG15030	7,5	10	15	1400	150	30	60	400/3/50	132	1022x616x600/868
MG 200/30	MG20030	11	15	22	1400	200	30	60	400/3/50	134	1022x616x600/868
MG 170/35	MG17035	11	15	22	1400	170	35	60	400/3/50	134	1022x616x600/868
MG 150/41	MG15041	11	15	22	1400	150	41	60	400/3/50	134	1022x616x600/868

MG400/18 | MG500/15



Including softstart:

All models have automatic start / stop and soft start.



MOBILE COLD WATER CLEANER

Powerful and robust high-pressure cleaner, where high pressure or large flow is required, developed for the larger tasks in agriculture and heavy industry, with a focus on functionality and ergonomics. Extremely solidly built of galvanized steel plate, quality motor with flex coupling and pump with ceramic pistons. The machine has pressureless control, automatic start / stop and soft start.



Model	Art. no.	kW	hp	Amp	rpm	bar	l/min.	Max. °C	V	kg	LxWxH (mm)
400/18	M40018	15	20	30	1400	400	18	60	400/3/50	155	1075x616x600/868
500/15	M50015	15	20	30	1400	500	15	60	400/3/50	155	1075x616x600/868

ST. ECONOMIC



Customizable

Stationary Economic cleaner, is suitable for larger installations and systems where several pump units are interconnected.



Example of an installation.



STATIONARY COLD WATER CLEANER

Simple and functional high-pressure cleaner, for stationary placement indoors, and particularly suitable for large farms and heavy industrial tasks. Built of galvanized sheet, pump with ceramic pistons and quality motor with flex coupling, which ensures maximum service life and optimal operation. The machine has pressureless control and automatic start / stop. This stationary model will often be connected to a piping system.



Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
St. 175/15	SE17515	4	5.5	9	1400	175	15	60	400/3/50	81	720x420x650
St. 160/19	SE16019	5.5	7.5	11	1400	160	19	60	400/3/50	86	720x420x650
St. 170/21	SE17021	6.5	9	14	1400	170	21	60	400/3/50	90	720x420x650
St. 200/21	SE20021	7.5	10	15	1400	200	21	60	400/3/50	90	720x420x650
St. 170/25	SE17025	7.5	10	15	1400	170	25	60	400/3/50	91	720x420x650
St. 170/35	SE17035	11	15	22	1400	170	35	60	400/3/50	110	720x420x650
St. 200/30	SE20030	11	15	22	1400	200	30	60	400/3/50	126	720x420x650
St. 150/41	SE15041	11	15	22	1400	150	41	60	400/3/50	140	720x420x650

S.175/15 - S.200/30



Accessories:

Hose reel kit for retrofitting.
With automatic hose reel. Art. no. MG001
With manual hose reel. Art. no. MG002.



STATIONARY COLD WATER CLEANER

Functional high-pressure cleaner for indoor wall mounting, particularly suitable for larger farms and industrial tasks. Built of galvanized sheet, pump with ceramic pistons and quality motor with flex coupling, which ensures maximum service life and optimal operation. This stationary model will often be connected to a piping system. The machine has pressureless control and start / stop.



Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
St. 175/15	S17515	4	5.5	9	1400	175	15	60	400/3/50	131	900x470x670
St. 160/19	S16019-F4	5.5	7.5	11	1400	160	19	60	400/3/50	137	900x470x670
St. 170/25	S17025	7.5	10	15	1400	170	25	60	400/3/50	141	900s470x670
St. 200/21	S20021-F4	7.5	10	15	1400	200	21	60	400/3/50	140	900x470x670
St. 170/35	S17035	11	15	22	1400	170	35	60	400/3/50	110	900x470x670
St. 150/41	S15041	11	15	22	1400	150	41	60	400/3/50	140	900x470x670
St. 200/30	S20030	11	15	22	1400	200	30	60	400/3/50	196	900x470x670

S. 170/50 - S.200/60



Incl. Soft-start

All models are with Soft-start, which ensures a gradual start-up and protects the power supply with a lower ampere consumption.



St. 200/42 available without Soft-start too.

Including:

- ✓ Hose
- ✓ Twin lances
- ✓ Gun

STATIONARY COLD WATER CLEANER

Solid and functional stationary high-pressure cleaner with double pump, and is suitable for larger farms and heavy industry, such as. slaughterhouses. Pumps with ceramic pistons and quality motors with flex coupling ensure optimal operation. The machine has pressureless control and automatic start / stop, and is built for several users. This stationary model will often be connected to a piping system.

Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
St. 200/42*	S20042	2x7.5	10	30	1400	200	42	60	400/3/50	263	900x470x1650
St. 200/42	S20042-SOFT	2x7.5	10	30	1400	200	42	60	400/3/50	263	900x470x1650
St. 170/50	S17050-SOFT	2x7.5	10	30	1400	170	50	60	400/3/50	270	900x470x1650
St. 200/60	S20060-SOFT	2x11	15	44	1400	200	60	60	400/3/50	380	900x470x1650

* Without Soft-start.

HB 5415 | HB 10425



User-friendly design

Easily accessible and ergonomically correct refueling with diesel.



Swivel castor with brakes in front, ensures high mobility and the possibility of fixation.



HOTBOX

Efficient and reliable hotbox which is used together with cold water cleaner. Built of galvanized sheet, with a focus on ergonomics, ease of use, mobility and longevity. The machine is built with efficient quality boiler and flame monitoring, and can supply hot water with a pressure of up to 200 or 250 bar. Requires power and diesel.

Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
Hotbox 54 kW	HB5415-F1	0.12	0.16	1	-	200	15	110*	230/1/50	103	815x665x965
Hotbox 104 kW	HB10425-F1	0.12	0.16	1	-	250	25	110*	230/1/50	110	815x665x965

* With reduced water flow.

HB 90025



Easy operation









With its user-friendly control panel, the BRD 900-12 hotbox is very easy to operate.



This hotbox is also available in 350 and 500 bar versions. Contact us for more information.

HOTBOX - 12 V

Efficient and reliable hotbox which is used together with a cold water cleaner. The machine is built with efficient quality boiler and flame monitoring, and can supply hot water with a pressure up to 200 or 250 bar. Requires 12V power and diesel oil.

											
Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
BRD 900-12	HB9025-12V	0.25	0.3	53	-	250	15-30	140*	12	130	650x1000x1200

* With reduced water flow.

GEYSER M4



User-friendly design

Swivel castor with brakes in front, ensures high mobility and the possibility of fixation.











Ergonomic design

Easily accessible and ergonomically correct refueling with diesel.



MOBILE HOT WATER CLEANER

Reliable, simple and efficient hot water cleaner, designed with a focus on functionality and ergonomics. Solidly built of galvanized steel plate, pump with ceramic pistons and efficient quality boiler, equipped with flame monitoring and automatic start / stop, which ensures long life and optimal operation. Suitable for cleaning tasks where hot water is needed.

		<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
Geyser M4	HW16514-F4	4	5.5	10	1400	165	14	110*	400/3/50	130	960x665x915

* With reduced water flow.

GEYSER M6 | M65 | M7



Easy operation

Rotatable wheels with front brakes ensure high mobility.











User-friendly design

Easily accessible and ergonomically correct refueling with diesel, and swivel castors with front brakes.



MOBILE HOT WATER CLEANER

Powerful, reliable and efficient hot water cleaner, developed for larger purification tasks in agriculture and industry, where hot water is required, with a focus on functionality and ergonomics. Solidly built of galvanized steel plate, pump with ceramic pistons and efficient quality boiler, which ensures long life. Equipped with flame monitoring and automatic start / stop.

<div></div>											
Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
Geyser M6	HW16019-F4	5.5	7.5	12	1400	160	19	110*	400/3/50	215	1200x800x990
Geyser M65	HW17021-F4A	6.5	9	14	1400	170	21	110*	400/3/50	220	1200x800x990
Geyser M7	HW20018-F4A	6.8	9	14	1400	200	18	110*	400/3/50	220	1200x800x990

* With reduced water flow.

GEYSER M8 | M85



Including soft start

Geyser M8 and M85 are equipped with soft-start, which ensures a gradual and soft start-up of the machine.









Accessories:

Hose reel kit for retrofitting on Geyser M6 - M85
Art. No. HW003.
With manual hose reel: Art. no. HW004



MOBILE HOT WATER CLEANER

Extremely reliable hot water cleaner for larger tasks that require hot water. With efficient boiler, flame monitoring, automatic start / stop and soft start, for gradual start-up of the machine. Produced in galvanized sheet.

<div></div>											
Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
Geyser M8	HW20021-F6	7.5	10	16	1400	200	21	110*	400/3/50	230	1200x800x990
Geyser M85	HW17025-F6	7.5	10	16	1400	170	25	110*	400/3/50	230	1200x800x990

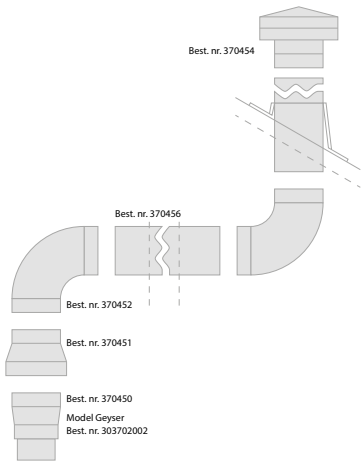
* With reduced water flow.

GEYSER S6 | S8 | S85











Including softstart

Geyser S6 - S85 is equipped with soft start, which ensures a gradual start-up of the machine.



STATIONARY HOT WATER CLEANER

Reliable and efficient stationary hot water cleaner, developed for the more demanding cleaning tasks in agriculture and industry, where hot water is required. Extremely solidly built of galvanized steel plate, pump with ceramic pistons, efficient quality boiler, flame monitoring and automatic start / stop, as well as soft start as standard. The machine is made for an external diesel tank, which allows for greater fuel volume and efficient operation.

<div></div>											
Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
Geyser S6	SH16019	5.5	7.5	12	1400	160	19	110*	400/3/50	230	1150x580x1590
Geyser S8	SH20021	7.5	10	16	1400	200	21	110*	400/3/50	250	1150x580x1590
Geyser S85	SH17525	7,5	10	16	1400	170	25	110*	400/3/50	250	1150x580x1590

* With reduced water flow.

GEYSER D15 | D15.1



Technical informations:









- ✓ 3-cylinder 14.9 kW water-cooled Kubota diesel engine
- ✓ Unique flex coupling and gear.
- ✓ Pump with ceramic pistons.
- ✓ Effective quality kettle.
- ✓ Flame monitoring and overheating protection

Different options:

Geyser D15 can be built into a service car, mounted on a trailer or truck, or placed stationary (covered).

STATIONARY DIESEL HOT WATER CLEANER

Powerful, flexible and efficient diesel-powered hot water cleaner, which can find a myriad of applications within the construction area, building and construction, industry, agriculture or offshore, where power source is not available. Extremely service-friendly and solidly built of galvanized and powder-coated steel plate. Water is supplied from an external water tank.

<div></div>											
Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
Geyser SD15	DHW26021	14.9	20	-	1400	260	21	110*	-	355	1440x800x1090
Geyser D15.1	DHW20030	14,9	20	-	1400	200	30	110*	-	355	1440x800x1090

* With reduced water flow.

PD110/13 | PD120/13
PD200/17 | PD220/20



110/13 Motocross cleaner

Including:

- ✓ Hose
- ✓ Twin lances
- ✓ Gun



PETROL-DRIVEN COLD WATER CLEANER

Efficient, mobile and user-friendly petrol-powered cold water cleaners. Both models are solidly built with a reliable Honda engine and a pump with ceramic pistons. The "Motocross" model, B110 / 13, is specially developed for lighter tasks in motorsport and agriculture. B200 / 17 and B220 / 20 can be delivered both with and without electric start, and have countless application possibilities.

Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
PD 110/13	31 Honda	3	4	-	3400	110	13	60	-	30	490x340x440
PD 120/13	30 Honda	4	5.5	-	3400	120	13	60	-	45	700x650x650
PD 200/17	B20015-S3	8.3	11	-	1400	200	17	60	-	65	900x650x750
PD 200/17 electric	B20015-S8	8.3	11	-	1400	200	17	60	-	65	900x650x750
PD 220/20	B22018-S3	10	13	-	1400	220	20	60	-	75	900x650x750
PD 220/20 electric	B22018-S8	10	13	-	1400	220	20	60	-	75	900x650x750

PD200/34 | PD200/40



Honda motor

With its powerful Honda motor, this cleaner can handle tough tasks.



Including:

- ✓ Hose
- ✓ Twin lance
- ✓ Gun

PETROL-DRIVEN INDUSTRY CLEANER

Efficient and powerful petrol-powered cold water cleaner, for the major cleaning tasks within the construction area, building and construction, industry or agriculture, where power source is not available. The machine is solidly built with a reliable 20 hp Honda engine with electric start and pump with ceramic pistons. It is suitable for installation..

Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
B200/34	B20034	15	20	-	1400	200	34	60	-	83	800x400x500
B200/40	B20040	15	20	-	1400	180	40	60	-	83	800x400x500

PD200/17 | PD220/20



800 or 1,000 L?

This special designed cleaner is available with a 800 or 1,000 L pallet tank.











Including:

- ✓ Manual hose reel
- ✓ Hose - 40 m non-blackening

MOBILE CLEANER ON PALLET TANK

This mobile petrol-powered high-pressure cleaner is efficient and user-friendly, specially developed for algae treatment and cleaning tasks within the construction and contracting area, where a power source is not available. The model is solidly built with a reliable Honda engine with or without electric start, pump with ceramic pistons and mounted on either 800 or 1000 liter pallet tank. Incl. stainless manual hose reel and 50 m high pressure hose as standard.

<div></div>											
Model	Art. no.*	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
PD 200/17	B20017-S3-	8.3	11	-	1400	200	17	60	-	161	800x1200x1750
PD 200/17 electric	B20017-S8-	8.3	11	-	1400	200	17	60	-	161	800x1200x1750
PD 220/20	B22020-S3-	10	13	-	1400	220	20	60	-	161	800x1200x1750
PD 220/20 electric	B22020-S8-	10	13	-	1400	220	20	60	-	161	800x1200x1750

* When ordering, please add desired tank size. E.g. "B20017-S3-800" for 800 L tank.

B220/20



User-friendly design

The machine can be lifted by truck from all sides and is suitable for installation, even in smaller vans.











Built with easy access to all operating and service points.

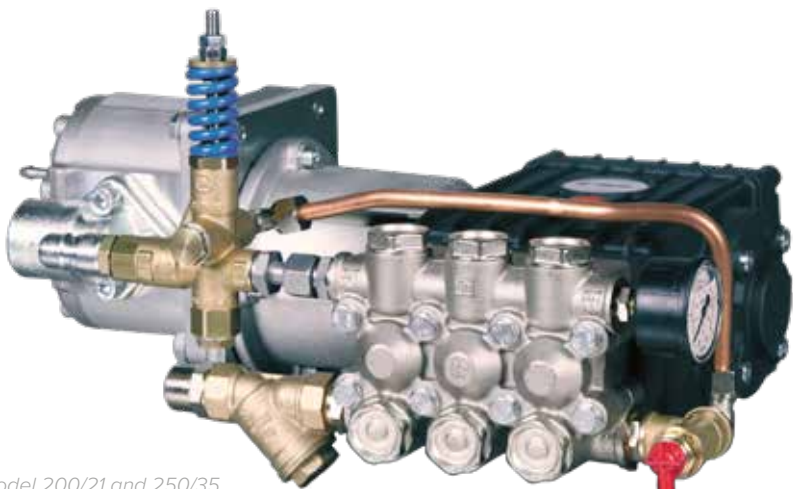


MOBILE HIGH PRESSURE CLEANER UNIT

Powerful, user-friendly and efficient petrol-powered high-pressure cleaner, particularly suitable for algae treatment and tasks within the construction area, barley and construction or agriculture, where power source is not available. Extremely service-friendly and solidly built of galvanized sheet, reliable 8.7 kW Honda engine with electric start, battery, pump with ceramic pistons and 300 liter water tank with float for overflow safety. Incl. stainless manual hose reel, as standard excl. hose.

<div></div>											
Model	Art. no.	kW	hp	Amp	rpm	bar	L/min.	Max. °C	V	kg	LxWxH (mm)
B220/20	B22020-S8-300	8.7	11.7	-	1400	220	20	60	-	159	1200x810x1135

170/14 | 200/21 |
250/35



Model 200/21 and 250/35



Model 170/14

Flow control








170/14 includes flow control, where the motor turns off when not in use.

Including:

- ✓ Hose
- ✓ Twin lances
- ✓ Gun

HYDRAULIC CLEANER

Hydraulically driven cold water cleaner which can be driven by the hydraulic system on a truck or tractor, and is particularly suitable for cleaning tasks in the fishing industry, in agriculture and in the transport industry. Built with high pressure pump with ceramic pistons.






<div></div>												
Model	Art. no.	kW	hp	rpm	bar	L/min.	Max. °C	kg	rpm	L/min.	bar	
170/14	775	4	5.5	1440	170	14	60	24	1440	16	170	
200/21	O20021	7.5	10	1440	200	21	60	35	1440	*	>200	
250/35	O25035	15	20	1750	250	35	60	40	1750	*	>200	

* Contact Customer Support for information on oil flow.

BRAKE CLEANER



The brake washer was developed for use in an auto repair shop, and is built with a 2000 W heater mounted in a stainless steel tank. Adjustable temperature 15-85 ° C. Cabinet and external parts in stainless steel, and remaining parts in galvanized sheet ensure long life. Swivel castors are equipped with brakes.

<div></div>						
Model	Art. no.	bar	l/min.	m	m	L
Brake cleaner	6004	6	1.5	3	3,3	23

CUSTOMIZED CLEANING SOLUTIONS

Reno designs and develops customized high pressure cleaners, for all types of companies in need of a special solution. In close collaboration with you as our customer, we deploy our specialist skills in the development and optimization of a high quality solution, designed for your specific needs.

We plan and design complete high pressure installations with stainless steel piping systems. We use only quality components, which we have long experience working with. From our own service department, we provide total installation and piping, making sure everything works from day one.

ACCESSORIES AND SPARE PARTS

CHOICE OF NOZZLE

The water flow/pressure must be compatible with the high pressure cleaner. A wrong nozzle can result in less water and unnecessary disruptions or recirculation. Following table can help you in choosing the correct nozzle.

Nozzle no. ↙	Orifice/mm ↙	Pressure (bar) for water flow/min.																												
		20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
xx03	1.09	3.1	3.7	4.3	4.8	5.3	5.7	6.1	6.3	6.8	7.1	7.4	7.7	8.0	8.3	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.6	11.2	11.4	11.6	11.8
xx04	1.19	4.2	5.2	5.9	6.6	7.3	7.8	8.4	8.9	9.4	9.8	10.3	10.7	11.1	11.5	11.9	12.2	12.6	12.9	13.3	13.6	13.9	14.2	14.5	14.8	15.1	15.4	15.7	16.0	16.3
xx045	1.27	4.5	5.5	6.4	7.1	7.8	8.4	9.0	9.6	10.2	10.6	11.0	11.4	11.8	12.2	12.6	13.0	13.4	13.8	14.2	14.6	15.0	15.3	15.6	15.9	16.2	16.7	17.1	17.4	17.7
xx05	1.35	5.0	6.2	7.1	8.0	8.7	9.4	10.0	10.7	11.3	11.9	12.4	12.9	13.4	13.9	14.3	14.7	15.1	15.5	15.9	16.3	16.7	17.1	17.5	17.9	18.2	18.6	18.9	19.2	19.6
xx055	1.40	5.6	6.8	7.8	8.7	9.6	10.3	11.1	11.8	12.4	13.0	13.6	14.2	14.8	15.3	15.8	16.3	16.7	17.1	17.5	17.9	18.3	18.7	19.1	19.5	19.9	20.4	20.7	21.1	21.5
xx06	1.47	6.0	7.4	8.6	9.6	10.4	11.3	12.1	12.8	13.6	14.2	14.8	15.4	16.0	16.6	17.1	17.6	18.1	18.6	19.1	19.6	20.1	20.5	20.9	21.3	21.7	22.3	22.7	23.1	23.5
xx065	1.52	6.6	8.0	9.3	10.4	11.3	12.3	13.2	14.0	14.7	15.4	16.1	16.8	17.4	18.0	18.7	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9	23.4	23.8	24.1	24.6	25.0	25.5
xx07	1.60	7.1	8.6	10.0	11.2	12.2	13.2	14.1	15.0	15.3	16.6	17.3	18.0	18.7	19.4	20.0	20.6	21.1	21.8	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.8	27.3
xx075	1.65	7.6	9.3	10.7	12.0	13.1	14.2	15.2	16.1	16.9	17.8	18.6	19.3	20.1	20.8	21.5	22.2	22.8	23.4	24.0	24.6	25.2	25.8	26.3	26.8	27.3	27.9	28.4	28.9	29.4
xx08	1.70	8.0	9.8	11.3	12.7	14.0	15.1	16.1	17.1	18.0	18.8	19.6	20.4	21.2	22.0	22.8	23.5	24.2	24.8	25.4	26.0	26.6	27.2	27.8	28.4	29.0	29.5	30.1	30.6	31.1
xx09	1.80	9.1	11.1	12.8	14.3	15.7	17.0	18.0	19.2	20.2	21.2	22.1	23.0	23.9	24.7	25.5	26.3	27.1	27.8	28.5	29.2	29.9	30.6	31.3	31.9	32.5	33.2	33.8	34.4	35.0
xx10	1.90	10.0	12.3	14.2	16.0	17.4	18.9	20.1	21.4	22.5	23.6	24.6	25.6	26.6	27.6	28.5	29.4	30.2	31.0	31.8	32.6	33.4	34.1	34.9	35.6	36.3	36.9	37.6	38.3	38.9
xx11	1.98	11.1	13.6	15.7	17.6	19.3	20.8	22.2	23.6	24.9	26.1	27.3	28.4	29.5	30.5	31.5	32.5	33.4	34.3	35.2	36.1	36.9	37.7	38.5	39.3	40.1	40.9	41.6	42.4	43.1
xx12	2.08	12.1	14.8	17.2	19.2	21.0	22.7	24.3	25.8	27.1	28.4	29.7	31.0	32.3	33.3	34.3	35.3	36.3	37.3	38.3	39.3	40.2	41.1	42.0	42.8	43.6	44.5	45.3	46.1	46.9
xx13	2.16	13.2	16.1	18.6	20.8	22.8	24.6	26.3	27.9	29.4	30.7	32.1	33.4	34.7	36.0	37.2	38.3	39.4	40.5	41.5	42.5	43.5	44.5	45.5	46.4	47.4	48.2	49.1	50.0	50.8
xx15	2.40	14.0	18.5	21.3	23.9	26.1	28.3	30.2	32.1	33.8	35.3	36.9	38.4	39.9	41.3	42.6	44.3	45.4	46.6	47.7	48.3	48.9	49.2	51.5	53.3	54.4	55.6	56.5	57.7	58.8



EXAMPLE - Find the right nozzle

If your high pressure cleaner is designed for **160 bar** and the water flow is **19 L/min.** (find closes approximate) - we recommend using nozzle size **065**.

ACCESSORIES OVERVIEW



Nozzles
Page 140-141



Couplings
Page 142



Piping and fittings
Page 143



Hoses and hose reels
Page 144



Guns and lances
Page 145-146



Foam and chemical eq.
Page 147

CHOOSE THE RIGHT NOZZLE

High pressure cleaner	Nozzle no.	Rotating nozzle no.
Mobile cold water cleaners		
M 170/14	250073	269045
M 165/14	250070	269045
160/19	120037	269065
200/15	250073	269045
195/18	120038	269075
170/21	120061	269080
220/18	250036	269055
200/21	120039	269070
170/25	120066	260980
150/30	120064	294
200/30	120041	94
170/35	120054	97
150/41	163105	98
200/35	120064	94
400/18	120051	69
500/15	120040/1	169
Stationary cold water cleaners		
SE 120/12	250073	269045
SE 175/15	120035	269050
SE 160/19	120038	269060
SE 170/21	120061	269080
SE 200/21	120039	269070
SE 170/25	120066	269080
SE 170/35	120054	97
SE 200/30	120041	94
SE 150/41	163105	98
S 175/15	120035	269050
S 160/19	120038	269060
S 170/21	120061	269080
S 200/21	120039	269070
S 170/25	120066	269080
S 170/35	120054	94
S 150/41	163105	98
S 200/30	120066	269080
S 200/42	2x120039	2x269070
S 170/50	2x120066	2x269080
S 200/60	2x120041	2x94

High pressure cleaner	Nozzle no.	Rotating nozzle no.
Mobile hot water cleaners		
Geyser M4	120035	269045
Geyser M6	120037	269065
Geyser M65	120061	269080
Geyser M7	250036	269055
Geyser M8	120039	269070
Geyser M85	120066	269080
Stationary hot water cleaners		
Geyser S6	120037	269065
Geyser S8	120039	269070
Petrol/diesel-driven cleaners		
110/13 Motorcross	120035	269050
PD 120/13	250036	269055
PD 200/17	120035	269050
PD 220/20	120038	269060
B200/34	120041	294
B200/41	163105	298
PD 200/17 (m/tank)	250073	269045
PD 220/18 (m/tank)	120035	269050
B220/20 (m/tank)	120038	269060
Hydraulic cleaners		
170/14	250073	269045
200/21	120039	79
250/35	120063	94



NOZZLES

Description	Art. no.
Nozzle 1503	120040/1
Nozzle 1504	120051
Nozzle 15045	250073
Nozzle 1505	120035
Nozzle 15055	250036
Nozzle 1506	120038
Nozzle 15065	120037
Nozzle 1507	120039
Nozzle 15075	120061
Nozzle 1508	120062
Nozzle 15085	120066
Nozzle 1509	120041
Nozzle 1510	120063
Nozzle 1511	120064
Nozzle 1512	120054
Nozzle 1513	120050
Nozzle 1515	163105
Nozzle 1516	163106
Nozzle 6530 - brass, flushing nozzle	250035
Nozzle 1503 - brass, flushing nozzle	120040
Nozzle protector	250074

DRAIN NOZZLES

Description	Art. no.
Drain nozzle 06 - stainless steel 3/8", ext. thread	61
Drain nozzle 065 - 3/8", int. thread	263
Drain nozzle 08 - 3/8", int. thread	265
Drain nozzle 10 - 3/8", int. thread	266
Drain nozzle 15 - 3/8", int. thread	271

DRAIN NOZZLES ROTATING

Description	Art. no.
Drain nozzle 06 - 1/4", int. thread	161
Drain nozzle 06 - 3/8", int. thread	256
Drain nozzle 08 - 3/8", int. thread	258
Drain nozzle 10 - 3/8", int. thread	267

WATER SAND BLASTING NOZZLES

Description	Art. no.
Nozzle 06	60
Nozzle 05	90

RENO KILLER

ROTATING NOZZLES 250 BAR

Description	Art. no.
Reno Killer 045	269045
Reno Killer 050	269050
Reno Killer 055	269055
Reno Killer 060	269060
Reno Killer 065	269065
Reno Killer 070	269070
Reno Killer 080	269080
Reno Killer 090	269090

HD KILLER

ROTATING NOZZLES 450 BAR

Description	Art. no.
HD Killer 03	268
HD Killer 04	269
HD Killer 05	273
HD Killer 06	278
HD Killer 07	279
HD Killer 08	291
HD Killer 09	292
HD Killer 10	294
HD Killer 12	297
HD Killer 15	298

ROTATING NOZZLES KÄRCHER COMP.

Description	Art. no.
Rotor nozzle 04	69
Kärcher R nozzle - rep set 04	69/1
Rotor nozzle 05	73
Kärcher R nozzle - rep set 05	73/1
Rotor nozzle 055/06	78
Kärcher R nozzle - rep set 055/06	78/1
Rotor nozzle 07/08	79
Kärcher R nozzle - rep set 07/08	79/1
Rotor nozzle 10	94
Kärcher R nozzle - rep set 010	94/1
Rotor nozzle 12	97
Rotor nozzle 15	98

ROTATING NOZZLES

Description	Art. no.
500 b RA Rotor nozzle - stainless steel	169

SCREW COUPLINGS/NIPPLES



Description	Art. no.
Screw coupling - 1/4", int. thread	205
Screw coupling - 3/8", int. thread	250010
Nipple - 3/8", int. thread	250009
Nipple - 3/8", ext. thread	206
Nipple - 1/4", int. thread	208
Nipple - 1/4", ext. thread	209
O-ring for screw coup.	217
Teflon ring, screw coup.	218

LONG



Description	Art. no.
Screw coupling - 1/4", ext. thread	203
Screw coupling - 1/4", int. thread	215
Nipple - 1/4", int. thread	204
Nipple - 1/4", ext. thread	216

SCREW COUPLINGS/NIPPLES
(KÄRCHER)



Description	Art. no.
Coupling, union, nipple	230
Nipple for coupling	231
O-ring, 10 x 2 mm	232
Nipple 1/4" x 40 mm	400365
Nipple 1/4"	300185

QUICK CONNECTORS



Description	Art. no.
3/8", KEW comp.	210
3/8", KEW stainless st.	210/1
3/8" brass, plastic cap	210/3
3/8" stainless, plast. cap	210/4
Ext. thread, 22x1.5 mm	221
1/2" stainless steel KEW	310
O-ring, set	212/1

NIPPLES LONG



Description	Art. no.
Nipple 3/8" for 210	211
Stainless nipple f. 210/1	211/1
Nipple for 221 - int. thread, 22 x 1.5 mm	222
1/2" nipple for 310 - stainless steel	311

ELBOWS



Description	Art. no.
15 mm x 1/2"	400025
22 mm x 1/2"	401025
15 mm - with union nut	400429
22 mm - with union nut	401429
15 mm - with pipe	400438
22 mm - with pipe	401438

TEES



Description	Art. no.
15 mm	400427
22 mm	401427
15 mm - with pipe	400437
22 mm - with pipe	401437
22x15x22 mm	401425
22 mm - cross tee/cutting ring tee	401426/1

STRAIGHT COUPLERS



Description	Art. no.
15 mm x 3/8"	400431
15 mm x 1/2"	400436
22 mm x 1/2"	401431
15 mm	400428
22 mm	401428

REDUCTION



Description	Art. no.
22 x 15 mm reduction	400422

CUTTING RINGS /
UNION NUTS



Description	Art. no.
15 mm cutting ring - stainless steel pipe	400433/2
22 mm cutting ring - stainless steel pipe	401433/2
15 mm cutting ring - stainless steel	400433/1
22 mm cutting ring - stainless steel	401433/1
15 mm union nut	400432
22 mm union nut	401432

WATER COUPLING/NIPPLE



Description	Art. no.
Water coupling 3/4"	235
Nipple 3/4" - for water coupling	236

BRACKETS FOR PIPE
BEARINGS STAINLESS STEEL



Description	Art. no.
Bracket 55 mm	401436
Bracket 100 mm	401439
Bracket 200 mm	250114
Bracket for 15 mm	400434
Bracket for 22 mm	401434
Allen bolt, M6 x 40	401455
M6 lock nut	401456
M6 retaining cleaner	401457

RUBBER PAD



Description	Art. no.
For pipe holder	402430

PIPE BEARINGS



Description	Art. no.
Pipe bearing 15 mm	400430
Allen bolt for 15 mm	400435
Pipe bearing 22 mm	401430
Allen bolt for 22 mm	401435

PIPE HOLDERS FEED PIPE



Description	Art. no.
Pipe holder	401448
Pipe holder, elbow	401448-2
Pipe clamp 38 mm	401422
Pipe clamp 54 mm	401423

PIPES



Description	Art. no.
Ø15 x 1.5 mm - stainless steel	600850
Ø22 x 2.0 mm - stainless steel	600855

SEALS



Description	Art. no.
1/4"	227
3/8"	223
1/2"	224

DUST BINDING /
SOAKING



Description	Art. no.
Dust binding head	250501
Dust binding head - incl. rack, solenoid valve, timer	250502

MAGNETIC VALVES



Description	Art. no.
3/8" incl. coil - 220V, 200 bar	250511
1/2" incl. coil - 220V, 200 bar	250512

TIMER



Description	Art. no.
Auto. electrical control	250510

HIGH PRESSURE BALL VALVE



Description	Art. no.
3/8" x 3/8"	400440
1/2" x 1/2"	401440
3/8" x 3/8" complete	500440
1/2" x 1/2" complete	501440

FROST VALVES

Description	Art. no.
3/8"	402440

CONNECTING HOSES



Description	Art. no.
3/8" x 0.5 m - 3/8" - 3/8" nipple	250052
1/2" x 0.5 m - 15 mm union - 15 mm union	250052/2
3/8" x 0.5 m - 15 mm union - 3/8" nipple	250052/3
1/2" x 0.5 m - 15 mm union - 1/2" nipple	250052/4
3/4" x 1 m - 22 mm union - 22 mm union	250052/5
3/8" x 1 m - 3/8" nipple - 3/8"	250070
3/8" x 2 m - 15 mm union - 3/8"	250062
3/8" x 4 m - 3/8" nipple - 3/8" nipple	250059

HIGH PRESSURE HOSES



Description	Art. no.
3/8", 8 m, 210 bar	250060
3/8", 10 m, 500 bar	250212

HP HOSES NON-BLACKENING
GREY - 3/8" - 150°C



Description	Art. no.
10 m, 315 bar	250049/1
15 m, 315 bar	250054/1
20 m, 315 bar	250057/1
25 m, 315 bar	250058/1
30 m, 315 bar	250257/1
40 m, 315 bar	250258/1
50 m, 315 bar	250261/1

HP HOSES NON-BLACKENING
BLUE - 3/8" - 150°C



Description	Art. no.
10 m, 400 bar, 2 layer	250049
15 m, 400 bar, 2 layer	250054
20 m, 400 bar, 2 layer	250057
25 m, 400 bar, 2 layer	250058
30 m, 400 bar, 2 layer	250257
40 m, 400 bar, 2 layer	250258
50 m, 400 bar, 2 layer	250261

HOSE - ABRAISION BALLS



Description	Art. no.
10 m w. abraision balls	250270-10
20 m w. abraision balls	250270-20
30 m w. abraision balls	250270-30
40 m w. abraision balls	250270-40
50 m w. abraision balls	250270-50

HOSE RACK



Description	Art. no.
Large, Ø44/D15 cm	4464

AUTOMATIC HOSE REELS

400 BAR



Description	Art. no.
15 m, without hose	4485
20 m, without hose	4487
15 m 3/8", with hose	4489
20 m 3/8", with hose	4493
Swing arm, 4485/4487	4484
Swivel	4499

MANUAL HOSE REELS

STAINLESS STEEL



Description	Art. no.
50 m, without hose 200 bar	4474
70 m, without hose 200 bar	4463
100 m, without hose 200 bar	4483
Swivel, aluminium 200 bar	4474-1
Swivel, steel 300 bar	4474-2

AUTOMATIC HOSE REELS



Description	Art. no.
20 m, without hose 300 bar	4476
40 m, without hose 300 bar	4478
Swing arm	4478/1
Swivel	4476/1

AUTOMATIC HOSE REELS

400 BAR - STAINLESS STEEL



Description	Art. no.
20 m, without hose	4477

AUTOMATIC HOSE REELS

STAINLESS STEEL



Description	Art. no.
20 m 3/8", without hose 200 bar	4479
40 m 3/8", without hose 300 bar	4482

AUTOMATIC HOSE REELS

276 BAR



Betegnelse	Best. nr.
20 m 3/8", with hose	FC808203-VI

GUNS



Description	Art. no.
Gun, pressure-relieved - with coupling, incl. swivel	251211
O-ring for gun grip	251211X
Gun, standard	251012
Gun, pressure-relieved	251212
Gun, Variopress - pressure-relieved	251213
Gun, frost-protected	251230

GUNS LOW PRESSURE



Description	Art. no.
60 L, 24 bar	30640000
100 L, 24 bar	30644000

QUICK CONNECTORS



Description	Art. no.
For gun grip	251211/26
For gun grip, stainless	26244060

SWIVELS



Description	Art. no.
3/8" prof.	82
3/8" prof. stainless steel	182

MALE NIPPLES



Description	Art. no.
1/4" int. thread	214/1
1/4" ext. thread	251215

NEEDLE VALVES



Description	Art. no.
1/4" dbl. needle valve	163923
Side handle, twin lance	251217
Rep kit for needle valve - fits 251217	251217/1

SHORT CLEANING SET



Description	Art. no.
1/4" ext. nipple	251215
1/4" dbl. needle valve	163923
Nozzle 6530, brass	250035

TWIN LANCES

WITH THROTTLE



Description	Art. no.
Twin lances, 500 b	263928
Gun, 500 bar	251200

TWIN LANCES

STAINLESS STEEL



Description	Art. no.
50 cm, without nipple	163927
60 cm	263927
125 cm	76
200 cm	77

TWIN LANCES

FOR TURBO NOZZLE



Description	Art. no.
Twin lances	263929
Twin lances, stainless	263930

TWIN LANCES



Description	Art. no.
Twin lances 210 mm	200053710

SINGLE LANCES

STAINLESS STEEL



Description	Art. no.
50 cm	163924
58 cm	263924
100 cm	363924
120 cm	363925
150 cm	363926
200 cm	363927
Socket 1/4"	163926
Plastic holder, double	163925/1

PRESSURE EXPANSION



Description	Art. no.
2 L pressure exp. tank - 10 bar, 1/2" nipple	300438
5 L pressure exp. tank - 4-10 bar, 3/4" incl. fittings	202015

CLEANING SET KEW COMP.

Description	Art. no.
Lance, w/twin lances - low-pres. nozzle, male nipple	163023R
Lance, w/twin lances - regulator in handle, low pres- sure nozzle and male nipple	263023R
Stainless steel lance - w/twin lances, male nipple and turbo nozzle	363023R
Stainless steel lance - regulator in handle, twin lances male nipple and turbo nozzle	663023R

CLEANING SET, SHORT
KEW COMPATIBLE

Description	Art. no.
Lance, w/twin lances	463023R
Lance, w/twin lances - with turbo nozzle	563023R

CLEANING SET
GERNI COMPATIBLE

Description	Art. no.
Gun, pressure-relieved - w/coupling, incl. lance & swivel	251214
Male nipple 1/4" - ext. thread	251215
Twin lances - reg. in handle, low-pres. nozzle	251216

LANCES STAINLESS STEEL

Description	Art. no.
80 cm	163032
100 cm	163031
150 cm	163033
200 cm	163034

LANCES

Description	Art. no.
Lance w/side handle - stainless steel	163022/1
Lance w/screw coupling	163023

TELESCOPIC LANCES

Description	Art. no.
Lance 5.4 m	063019
Lance 7.2 m	163019

VARIABLE LANCES

Description	Art. no.
Lance 85 cm	163021
Lance 106 cm	163021/1
Lance 150 cm	163021/2
Side handle for lance	163021/9

TANK CLEANER

Description	Art. no.
Tank cleaner	163017
Holder, incl. gasket - stainless steel	163016

FLOOR CLEANER
STAINLESS STEEL

Description	Art. no.
Floor cleaner Ø30 cm - 1 m 1/4" lance with insulation and male nipple, excl. nozzles	163015
Floor cleaner Ø41 cm - 1 m 1/4" lance with insulation and male nipple, excl. nozzles	163014
Floor cleaner Ø42 cm - 1 m 1/4" lance with insulation and male nipple, ceramic swivel	521042400
Swivel Ø 30-42 cm - ceramic	10838906
Swivel Ø 30-42 cm	10835906
Rotor arm	10882683
Rotor arm	10882685

FLOOR CLEANER STEEL

Description	Art. no.
Floor cleaner, Ø52 cm - stainless steel, excl. nozzles	521052900

ROOF BOX CLEANER

Description	Art. no.
Roof box cleaner Ø520 - stainless steel, excl. nozzles	10880973

CONCENTRATE SPRAY

Description	Art. no.
Concentrate spray 24 L - stainless steel tank, incl. 10 m hose	24600

CLEANING SET
FEED PIPE 2 M

Description	Art. no.
06 nozzle	250362
10 nozzle	250363

BOOT CLEANER

Description	Art. no.
Boot cleaner 2 m	250364

WATER/SLURRY PUMP

Description	Art. no.
Water/slurry pump	5455070

FOAMING EQUIPMENT

Description	Art. no.
Foam injector KEW (1) - incl. by-pass	163337
Lance KEW (2) - for foaming equipment	163338
Injector KEW 0-9% (3)	163339
Foam injector 0-5% (3) - nozzle size 75.2	163340
Foam 2.1 mm (4) - long-range, up to 15 m	75800004
Foam 2.3 mm (4) - long-range, up to 15 m	75800005
Nozzle for injector 1.9 m	075410
Nozzle for injector 2.1 m	075413
Injector - foam nozzle (5) - size 75.2	075493
Easyfoamer 1.8 m (6)	164506
Easyfoamer 1.5 m (6)	164503
Wall bracket (7) - for Easyfoamer	168420

FOAM LANCE
WITH CONTAINER

Description	Art. no.
Lance w/ 2 L container	264
Foam lance complete - with 25 L	264K
Foam lance complete - with 41 L	264K3
Nipple 3/8" - ext. thread	206
Male nipple 1/4" - ext. thread	251215
Sleeve 3/8" - 1/4" - int. thread	RA0131438
Separate 2 L container	264-1

SPECIAL OIL

Description	Art. no.
Oil for HP, 1 L	400053
Special oil KEW	401053

CARE PRODUCTS

Description	Art. no.
Descaler for HP	250520
Softener 10 L	95040
Degreaser 10 L - for brake cleaner	111134

TROLLEY FOR FOAM AND
DISINFECTANTS

Description	Art. no.
For 2x25 L canisters - Without extra equipment	163389

WF CARTRIDGE FILTERS

Description	Art. no.
Filter 3/4" incl. cartridge	250328
Cartridge 3/4"	250329
Filter housing 1"	250330
Cartridge 1"	250331
Filter housing 1 1/2"	250322

SIEVE FILTER
SELF-CLEANING

Description	Art. no.
Sieve filter 3/4" - 50 my, 30 L/min.	250324
Sieve filter 1" - 50 my, 50 L/min.	250325
Sieve filter 1 1/2" - 50 my, 130 L/min.	250323

RØGUDTAG
TIL HEDTVANDSRENSERE

Betegnelse	Best. nr.
Smoke outlet sq/round	303702002
Reduction round	370451
Elbows 90gr.	370452
Chimney pipe 2 m	370456
Ventilation hood	370454



SERVICE

SERVICE | WARRANTY | RETURNS

EVERY DAY WE WORK HARD TO ENSURE OUR CUSTOMERS A SMOOTH AND TROUBLE-FREE OPERATION. BREAKDOWNS ARE EXPENSIVE AND CAN DAMAGE YOUR COMPANY. THAT IS WHY OUR SKILLED SERVICE TEAM ALWAYS PROVIDES WORLD-CLASS SERVICE.

PRODUCTS WE SERVICE

- › Screw compressors
- › Piston compressors
- › Rotary vane compressors
- › Refrigerated, adsorption and membrane dryers
- › Microfilters and process filters
- › Air receivers
- › Nitrogen units
- › High pressure cleaners

MANDATORY SERVICES

- › Installation and air receiver inspections
- › Breathing air analysis (cf. Danish Working Environment Authority Guidelines D.5.1)
- › Quality analysis (cf. ISO 8573-1)

OTHER SERVICES

- › Vibration testing
- › Leak measurement
- › Energy measurement

SERVICE ON OTHER BRANDS

Reno also offers service on other brands, so our customers can enjoy the best possible service - regardless of equipment origin.

In all our service visits, we pay attention to energy optimization, and as a result, all customers will find that we can help them to reduce the overall energy costs from their compressed air system.

RETURNS

To make a return Reno must be adviced in advance. Call +45 7010 2210, and we will guide you on how to make the return.

OUR CERTIFICATION IS YOUR SECURITY

We are certified for quality, safety and environment. Our sector has developed a sector-specific certification based on ISO 9000, ISO 14000 and ISO 18000, to ensure you peace of mind regarding documentation and procedures.

Our procedures are described in our certification, thus guaranteeing our customers:

Quality

- ✓ Complete contract basis
- ✓ Correct energy calculations
- ✓ Best products on the market

Safety

- ✓ Delivery and delivery dates
- ✓ All legal requirements and considerations met
- ✓ All necessary aids are available to our personnel
- ✓ Responsible installation and service procedures
- ✓ In-house safety procedures are drawn up

Environment

- ✓ We are registered with a scheme for the return of hazardous waste
- ✓ CO² neutral, environmentally friendly products and oils



GUIDE FOR SERVICE

Below is an overview of legal requirements*, how to handle returns and recommendations for installation and service. Contact our service team in case of questions.

	Installation inspection	Air receiver inspection	To be installed by Reno	Service agreement	Reno services on site	Return for service
Semi-professional piston compressors						
OI 2/24						■
OI 2,5/50						■
OI 2/10						■
OI 2,5/20						■
OI 2,5/20 MV30						■
OI 2,5/9,5+9,5						■
OI 3/9,5+9,5						■
Silent Air 0,5						■
Professional piston compressors						
250/50						■
400/90						■
450/90						■
500/90						■
600/90						■
600/270	■	■	□	□	■	
670/270	■		□	□	■	
670/90+90			□	□	■	
950/90+90			□	□	■	
950/90+90 YD			□	□	■	
950/270	■		□	□	■	
950/270 YD	■		□	□	■	
410/200	■		□	□	■	
670/200	■		□	□	■	
Silent 510	(■)	(■)	□	□	■	
Silent 650	(■)	(■)	□	□	■	
Silent 750	(■)	(■)	□	□	■	
FF Industry piston compressors						
FF 480/90				□		■
FF 480/90 ST				□		■
FF 680/90				□		■
FF 680/90 GALV				□		■
FF 680/90 ST				□		■
FF 710/90+90			□	□	■	
FF 710/90+90 GALV			□	□	■	
FF 730/270	■	■	□	□	■	
FF 730/500	■	■	□	□	■	
FF 970/90+90			□	□	■	
FF 970/90+90 Soft			□	□	■	
FF 970/500	■	■	□	□	■	
FF 970/500 YD	■	■	□	□	■	
FF 1300/500 YD	■	■	□	□	■	
FF 1700/500 YD	■	■	□	□	■	
FF 1100/500 YD	■	■	□	□	■	
FF 1450/500 YD	■	■	□	□	■	

■ = Mandatory*
(■) = Mandatory* if tank mounted
□ = Recommended

	Installation inspection	Air receiver inspection	To be installed by Reno	Service agreement	Reno services on site	Return for service
EngineAIR petrol/diesel-driven piston compressors						
EA 5/2,5						■
EA 5/4						■
EA 5/20						■
EA 5/22						■
EA 5/24						■
EA 5/50						■
EA 5/100	■	■	□	□	■	
EA 5/200	■	■	□	□	■	
EA 5/11+11						■
EA 5/11+11 R						■
EA 9/17+17						■
EA 6/50						■
EA 9/50						■
EA 4/100	■	■	□	□	■	
EA 9/270	■	■	□	□	■	
EA 13/270	■	■	□	□	■	
EA 12/270	■	■	□	□	■	
EA 5/270	■	■	□	□	■	
EA 6/270	■	■	□	□	■	
EA 10/270	■	■	□	□	■	
EA 11/270	■	■	□	□	■	
BI EA 8/270	■	■	□	□	■	
BI EA 11/270	■	■	□	□	■	
BI EA 17/90	■	■	□	□	■	
Screw compressors						
FF Monsun	(■)	(■)	■	■	■	
FF Monsun Pro	(■)	(■)	■	■	■	
FF Monsun Pro VS	(■)	(■)	■	■	■	
Oil-free compressors						
OF 0,75/6						■
OF 2/20						■
OF 2/24						■
OF 2/15 Cart						■
OF 2,5/20 MV25						■
OF Hose Reel 1,5						■
OF Cube 1,5/5						■
OF Cube Comby						■
OF 1/3+3						■
100/5						■
ClenAIR VR						■
CleanAIR CLR 15-25						■
CleanAIR CNR 75-100	(■)	(■)	□	□	■	
SpiralAIR	(■)	(■)	□	□	■	
WisAIR			□	□	■	

* Inspection is mandatory on some machine types, according to Danish legislation. For other countries, always check your local legislation or contact Reno for further information.

SERVICE AGREEMENTS

SIGN A SERVICE CONTRACT WITH US TO PROLONG THE OPERATIONAL LIFE OF YOUR SYSTEM AND INCREASE EFFICIENCY, WITHOUT UNEXPECTED BREAKDOWNS.

As a committed industry partner, Reno offers service agreements with our customers, to assist you with your compressed air and high pressure systems, so you can focus on your own business.

When signing a service agreement with Reno, you prolong the operational life of your machine. Our wide network of highly skilled service technician will provide quick and efficient service, to ensure that your machine system is always up to date, and the risk of breakdown is minimal.

We offer different service agreements, each with different pricing, plans and time intervals, in order to preserve necessary flexibility while still supporting our customers in their desire for a committed service partner.

For instance, if you always want to know your servicing expenses, we can offer fixed price servicing. If you prefer payment by the exact time spent, we can also offer you an hourly servicing rate. You make the choice!

Additionally, when you buy a compressor from us, we offer you the option of a comprehensive five-year service agreement with corresponding extension of the warranty period. This is our loyalty guarantee, called Scope-XT. Contact us to learn more.

No matter what option you choose, our written service contract will ensure full clarity and reassurance in relation to the agreement entered into.

AS A SERVICE CUSTOMER YOU WILL GET:

- ✓ First priority in case of emergency
- ✓ Access to mobile compressor in case of breakdown
- ✓ Access to compressed air during service
- ✓ Access to comprehensive skills and experience
- ✓ Evaluation tests and documentation on installation(s)
- ✓ Recommendations for optimizing operating costs
- ✓ Preventive service and maintenance
- ✓ Recommended inspection of compressors, dryers, air receivers, filters, tubes and pneumatic tools

AIRTUBE

YOUR PERSONAL ASSISTANT FOR PERFORMING MAINTENANCE ON YOUR RENO PISTON COMPRESSOR. DOWNLOAD THE APP ON YOUR SMARTPHONE AND GET STARTED TODAY.

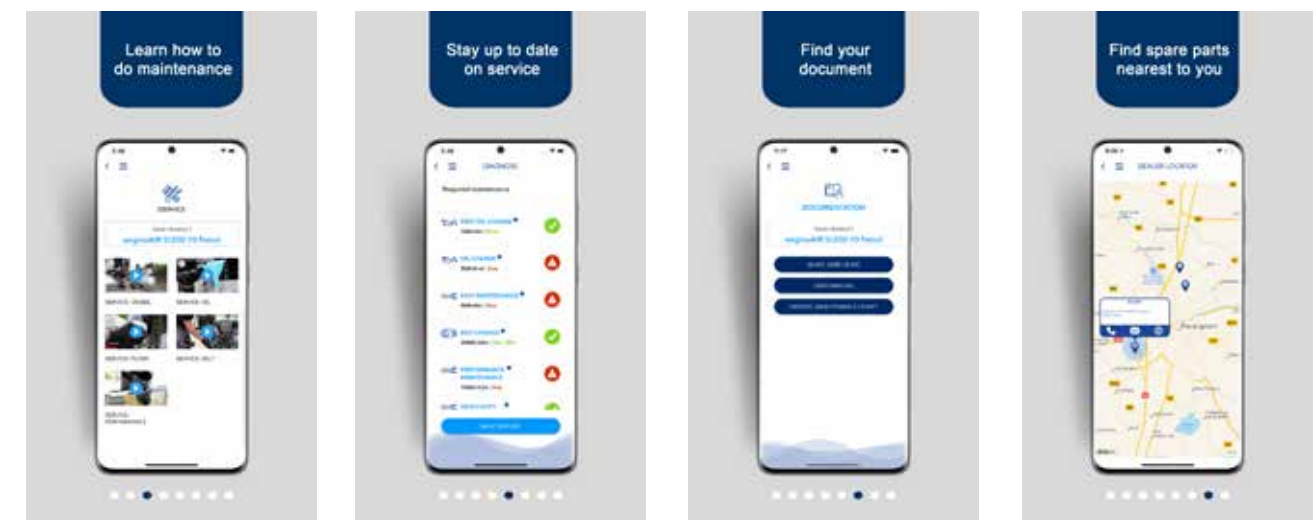


It has never been easier to keep check on your compressor. The AirTube app helps you with performing maintenance, order spare parts and keep track of service tasks.

ON AIRTUBE YOU WILL FIND:

- Hands-on video tutorials
- Troubleshooting and quick fixes
- User manuals and instruction guides
- Maintenance workflow
- List of spare parts

SELECTED FEATURES



DOWNLOAD APP ➤



APP STORE



GOOGLE PLAY

SALES AND DELIVERY TERMS

1. GENERAL

1.1 The following General Conditions for Sale and Delivery shall apply to any supply by RENO A/S ("Seller") to the customer of RENO A/S ("Buyer") as an integral part of the supply agreement between the parties.

1.2 The Buyer's terms and conditions for purchase, including specific terms stipulated by the Buyer with regard to the contents of the supply agreement, shall only constitute a part of the supply agreement if approved by Seller in writing.

2. NL 92 E

2.1 General Conditions for the supply of machinery and other mechanical, electrical and electronic equipment between and in the countries Denmark, Finland, Norway and Sweden (NL 92 E) shall apply with the modifications and additions as described below.

2.2 NL 92 E shall equally apply to supplies to other countries than Denmark, Finland, Norway and Sweden.

3. MODIFICATIONS TO NL 92 E

3.1 NL 92 E is modified as follows:

3.1.1 Clause 4 is deleted.

3.1.2 Clause 13 is deleted to the effect that Seller shall not be liable to pay liquidated damages by delay.

3.1.3 Clause 14 is deleted.

3.1.4 Clause 17 is modified to the effect that the terms of payment for the entire agreed price shall be "net cash 20 days after delivery, unless otherwise agreed".

3.1.5 To clause 36, second and third paragraph the following is added: "Seller shall not be liable for any product liability beyond Seller's insurance coverage which is DKK 5,000,000 per damage or series of damages per insurance year. To the extent that the total claims lodged by the Buyer and Seller's other customers within an insurance year should exceed this limit of amount, Seller's liability towards the Buyer and other customers shall be reduced proportionally relative to the individual claims."

3.1.6 Clause 22 is modified as follows: "If the goods are used more intensely than 2000 running hours, this period shall be reduced proportionally".

3.1.7 To clause 40 the following is added: "Arbitration shall take place at The Maritime and Commercial Court in Copenhagen."

GENERAL CONDITIONS NL 92 E

for the supply of machinery and other mechanical, electrical and electronic equipment. Issued in 1992 by the organisations for the engineering industries in Denmark, Finland, Norway and Sweden (Hovedorganisationen Dansk Industri, Denmark; Suomen Metalliteollisuuskeskusliitto - Finlands Metallindustris Centralförbund ry, Finland; Teknologibedriftenes landsforening, Norway; Sveriges Verkstadsindustrier, Sweden).

Preamble

1. These General Conditions shall apply when the parties agree in writing or otherwise thereto. Deviations from the Conditions shall not apply unless agreed in writing.

Product Information

2. Data in product information and price lists are binding only to the extent that they are by reference expressly included in the contract.

Drawings and other Documents

3. All drawings and other technical documents regarding the goods or its manufacture submitted by one party to the other, prior or subsequent to the formation of the contract, shall remain the property of the submitting party. Drawings, technical documents or other technical information received by one party shall not, without the consent of the other party, be used for any other purpose than that for which they were submitted. They may not without the consent of the submitting party be copied, reproduced, transmitted or otherwise communicated to a third party.

4. The Seller shall, not later than by delivery of the goods, free of charge provide the Buyer with one copy, or the larger number of copies that may have been agreed, of drawings and other technical documents, which are sufficiently detailed to permit the Buyer to carry out installation, commissioning, operation and maintenance (including running repairs) of all parts of the goods. The Seller shall not, however, be obliged to supply manufacturing drawings of the goods or spare parts.

Delivery Test

5. Where a delivery test has been agreed, it shall, unless otherwise agreed, be carried out where the goods are manufactured. If technical requirements for the test have not been agreed upon, the test shall be carried out in accordance with general practice in the industry concerned in the country of manufacture.

6. The Seller shall notify the Buyer of a delivery test in sufficient time to permit the purchaser to be present at the test. The test may be carried out in the Buyer's absence provided that the Buyer has received such notice. The Seller shall record the test. The test report shall be sent to the Buyer. The

report shall, unless otherwise shown by the Buyer, be considered to correctly record the test and its results.

7. If, at the delivery test the goods are found not to be in accordance with the contract, the Seller shall without delay ensure that the goods comply with the contract. A new test shall be carried out if so required by the Buyer. A new test shall, however, not be carried out if the defect was insignificant.

8. If no other divisions of the costs have been agreed, the Seller shall bear all costs for delivery tests carried out where the goods are manufactured. The Buyer shall, however, at such delivery tests bear all costs for his representati-ves, including costs for travel and subsistence.

Delivery

9. Where a trade term has been agreed, it shall be interpreted in accordance with the INCOTERMS in force at the formation of the contract.

If no trade term is specifically agreed the delivery shall be considered to be Ex Works.

Time for Delivery. Delay

10. If, instead of a fixed date for delivery, the parties have agreed on a period of time within which delivery shall take place, such period shall start to run at the formation of the contract.

11. If the Seller finds that he will not be able to deliver the goods at the agreed time for delivery or if delay on his part seems likely, he shall forthwith notify the Buyer thereof in writing, stating the reason for the delay and if possible the time when delivery can be expected. If the Seller fails to give such notice, he shall, notwithstanding the Clauses 13 and 14, reimburse the Buyer for any increase in expenses resulting from the failure to notify.

12. If delay in delivery is caused by a circumstance which under Clause 37 shall be considered a case of relief or by an act or omission on the part of the Buyer, the time for delivery shall be extended by a period which is reasonable having regard to the circumstances in the case. The time for delivery shall be extended even if the reason for delay occurs after the originally agreed time for delivery.

13. If the Seller does not deliver the goods on time, the Buyer is entitled to liquidated damages from the date on which delivery should have taken place. The liquidated damages shall be payable at a rate of 0.5 per cent for each complete week of delay of that part of the agreed price which is properly attributable to that part of the goods which, due to the delay, cannot be put to its intended use.

The liquidated damages shall not exceed 7.5 per cent of such part of the agreed price.

The liquidated damages become due at the Buyer's written demand but not before all of the goods have been delivered or the contract is terminated under Clause 14.

The Buyer loses his right to liquidated damages if he has not lodged a claim in writing for such damages within six months after the time when delivery should have taken place.

14. If the Buyer is entitled to maximum liquidated damages under Clause 13 and if the goods are still not delivered, the Buyer may in writing demand delivery within a final reasonable period which shall not be less than one week. If the Seller does not deliver within such final period and this is not due to any circumstance for which the Buyer is responsible, then the Buyer may, by notice in writing to the Seller, terminate the contract in respect of that part of the goods which cannot be put to its intended use.

In case of such termination the Buyer shall also be entitled to compensation for the loss he suffers because of the Seller's delay to the extent that the loss exceeds the maximum of liquidated damages to which the Buyer has become entitled under Clause 13. The compensation shall not exceed 7.5 per cent of that part of the price which is attributable to the part of the goods in respect of which the contract is terminated.

The Buyer shall also have the right to terminate the contract by written notice to the Seller if it is clear that there will occur a delay which under Clause 13 would entitle the Buyer to maximum liquidated damages. In case of termination on this ground the Buyer shall be entitled to both maximum liquidated damages and compensation under the third paragraph of this Clause. Liquidated damages under Clause 13 and termination of the contract and limited compensation under this Clause 14 are the only remedies available to the Buyer in case of delay on the part of the Seller. All other claims against the Seller based on such delay shall be excluded. This limitation of the Seller's liability shall, however, not apply where the Seller has been guilty of gross negligence.

15. If the Buyer finds that he will be unable to accept delivery of the goods on the agreed date or if delay on his part seems likely, he shall forthwith notify the Seller thereof in writing stating the reason for the delay and if possible the time when he will be able to accept delivery. If the Buyer fails to accept delivery on the agreed date he shall nevertheless make any payment which is dependent on delivery as if the goods in question had been delivered. The Seller shall arrange storage of the goods at the Buyer's risk and expense. The Seller shall also, if the Buyer so requires, insure the goods at the Buyer's expense.

16. Unless the Buyer's failure to accept delivery is due to any such circumstance as mentioned in Clause 37, the Seller may by notice in writing require the Buyer to accept delivery within a reasonable period.

If, for any reason for which the Seller is not responsible, the Buyer fails to accept delivery within such period, the Seller may by notice in writing terminate the contract in respect of that part of the goods which is ready for delivery but has not been delivered due to the Buyer's default. The Seller shall then be entitled to compensation for the loss he has suffered by reason of the Buyer's default. The compensation shall not exceed that part of the price which is attributable to the part of the goods in respect of which the contract is terminated.

Payment

17. Unless otherwise agreed, the purchase price shall be paid with one third at the formation of the contract and one third when the bulk of the goods are notified as ready for delivery. Final payment shall be made at delivery of the goods.

18. If the Buyer fails to pay by the agreed date, the Seller shall be entitled to interest from the day on which payment became due at the rate of interest determined by the law on late payments in the Seller's country. If the Seller's country is Denmark, the rate of interest shall be nine percentage points above the official Danish discount rate.

19. If the Buyer has not paid the amount due within three months the Seller shall be entitled to terminate the contract by written notice to the Buyer and to claim compensation for the loss he has suffered. The compensation shall not exceed the agreed price.

Reservation of Title

20. The goods shall remain the property of the Seller until paid for in full to the extent that such retention of property is permitted by the applicable law.

Liability for Defects

21. The Seller shall, pursuant to the provisions of Clauses 22-34 below, by repair or replacement remedy any defect in the goods resulting from faulty design, materials or workmanship.

22. The Seller's liability is limited to defects which appear within a period of one year from the date of delivery of the goods. If the goods are used more intensely than agreed or could be foreseen at the formation of the contract, this period shall be reduced proportionally.

23. The Seller shall be liable for defects in parts of the goods which have been repaired or replaced under Clause 21 for a period of one year under the terms and conditions which apply to the original goods. The liability period defined in Clause 22 shall be extended for other parts of the goods only by a period equal to the period during which the goods could not be used because of defect.

24. The Buyer shall notify the Seller in writing of a defect without delay after the defect has become apparent, and in no case later than two weeks after the expiry of the period defined in Clause 22 as supplemented by Clauses 23 and 34. The notice shall contain a description of how the defect manifests itself.

Notice of a defect shall be given immediately if there is reason to believe that the defect may cause damage.

If the Buyer fails to notify the Seller of a defect in writing within the time limits set forth in this Clause, he shall forfeit his right to make any claim in respect of the defect.

25. On receipt of the written notice according to Clause 24 the Seller shall remedy the defect without undue delay and at his own cost as stipulated in Clauses 21-33.

Remedy of the defect shall take place at the Buyer's premises unless the Seller finds it appropriate to have the defective part or the goods returned to him for repair or replacement at his own premises.

The Seller shall carry out dismantling and re-installation of the part if this requires special knowledge. If such special knowledge is not required, the Seller has fulfilled his obligations in respect of the defect when he delivers a duly repaired or replaced part to the Buyer.

26. If the Buyer gives such notice as described in Clause 24, and no defect is found for which the Seller is liable, the Seller shall be entitled to compensation for the work and costs which he has incurred as a result of the notice.

27. If dismantling or re-installation of parts necessitates intervention in other equipment than the goods, the labour and costs resulting therefrom shall be the Buyer's responsibility.

28. All transports in connection with repair or replacement shall be at the Seller's risk and expense.

The Buyer shall follow the Seller's instructions as to how the transport shall be carried out.

29. The Buyer shall bear the increase in costs for remedying a defect which the Seller incurs when the goods are situated elsewhere than at the destination stated in the contract or - if no destination has been stated - the place of delivery.

30. Defective parts which are replaced in accordance with Clause 21 shall be placed at the Seller's disposal and shall become his property.

31. If the Seller fails to fulfil his obligations under Clause 25 within a reasonable time, the Buyer may by written notice require him to do so within a final time. If the Seller fails to fulfil his obligations within that time limit, the

Buyer may choose to:

- a. have the necessary remedial work carried out and/or have new parts manufactured at the Seller's risk and expense, provided that the Buyer proceeds in a reasonable manner, or
- b. demand a reduction of the agreed price not exceeding 15 per cent thereof.

If the defect must be considered substantial, the Buyer may instead choose to terminate the contract by written notice to the Seller. The Buyer shall equally be entitled to such termination where the defect remains substantial after measures referred to in a). In case of termination, the Buyer shall be entitled to compensation for the loss he has suffered. The compensation shall, however, not exceed 15 per cent of the agreed price.

32. The Seller is not liable for defects arising out of materials provided by, or a design stipulated or specified by the Buyer.

33. The Seller is only liable for defects which appear under the conditions of operation provided for in the contract and under proper use of the goods. The Seller's liability does not cover defects caused by occurrences after the risk in the goods has passed to the Buyer. The liability does not e.g. cover defects which are caused by faulty maintenance or incorrect installation from the Buyer's side, by alterations undertaken without the Seller's consent in writing, or by faulty repairs by the Buyer. Finally the Seller's liability does not cover normal wear and tear or deterioration.

34. Notwithstanding the provisions of Clauses 21-33 the Seller shall have no liability for defects in any part of the goods for more than two years from the start of the liability period defined in Clause 22.

35. Save as stipulated in Clauses 21-34 the Seller shall have no liability for defects. This applies to any loss the defect may cause, including but not limited to loss of production, loss of profit and any other consequential economic loss. This limitation of the Seller's liability shall, however, not apply if he has been guilty of gross negligence.

Liability for Damage to Property Caused by the Goods

36. The Buyer shall indemnify and hold the Seller harmless to the extent that the Seller incurs liability towards any third party in respect of any damage for which the Seller is not liable towards the Buyer according to the second and third paragraphs of this Clause.

The Seller shall not be liable for loss or damage caused by the goods

- a. to any (movable or immovable) property, where the damage occurs while the goods are in the Buyer's possession, or
- b. to products manufactured by the Buyer or to products of which the

Buyer's products form a part or for loss or damage to any property, where the damage is caused by these products because of properties in the goods. The Seller shall under no circumstances be liable for loss of production, loss of profit or any other consequential economic loss.

The above limitations in the Seller's liability shall not apply where the Seller has been guilty of gross negligence.

If a claim for loss or damage as described in this Clause is raised by a third party against either party to the contract, the latter shall forthwith notify the other party thereof.

The Seller and the Buyer shall be mutually obliged to let themselves be summoned to the court or arbitral tribunal which examines claims against either of them, where the claim is based on damage alleged to have been caused by the goods. The liability as between the Seller and the Buyer shall, however, always be settled by arbitration in accordance with Clause 40.

Grounds for Relief (Force Majeure)

37. The following circumstances shall be considered as grounds for relief if they impede the performance of the contract or makes performance unreasonably onerous: industrial disputes and any other circumstance beyond the control of the parties such as fire, war, mobilization or military call up of a comparable scope, requisition, seizure, currency restrictions, insurrection and civil commotion, shortage of transport, general shortage of materials, restrictions in the use of power and defects or delays in deliveries by subcontractors caused by any such circumstance as referred to in this Clause.

The above described circumstances shall constitute grounds for relief only if their effect on the performance of the contract could not be foreseen at the time of formation of the contract.

38. The party wishing to claim relief shall notify the other party in writing without delay on the intervention and on the cessation of such circumstance. If grounds for relief prevent the Buyer from fulfilling his obligations, he shall compensate the Seller for expenses incurred in securing and protecting the goods.

39. Notwithstanding other provisions of these General Conditions, either party shall be entitled to terminate the contract by notice in writing to the other party if performance of the contract is delayed more than six months by reason of any grounds for relief as described in Clause 37.

Disputes. Applicable Law

40. Disputes arising out of or in connection with the contract shall not be brought before the court, but shall be finally settled by arbitration in accordance with the law on arbitration applicable in the Seller's country.

41. All disputes arising out of the contract shall be judged according to the law of the Seller's country.



Reno A/S | +45 70 10 22 10 | forhandlere@reno-ff.com | www.reno-ff.com