

# BENOVAC KR

HIGH-PERFORMANCE  
Extraction Machines for the  
Professional  
Carpet and Upholstery Cleaner



# The BENOvac KR - Machines for the Pro

The new extraction machines from CEBE®, the BENOvac KR series, set a new standard in high-performance extraction machines for the professional carpet and upholstery cleaner.

The housing is made of robust polyform mould, the wheels have a large diameter in the back for easy stair climbing and are free rotating in the front for easy maneuverability. The front wheels also have brakes for added safety.

However, what really sets these machines apart from others is the fact that they are CE certified on the one hand and that they have a reduced noise level on the other. This means that the operator does not have to wear ear protection (even based on the new EU directive), even though it is recommendabl when working on a full-time basis.

An additional advantage is the parallel configuration of the vacuum motors - this means that one does not pull along the other, as is the case with the standard series configuration. So if you want to use only one vacuum motor (e.g. when cleaning sensitive textiles) you get 100% of the turbine that is in operation. The performance is optimized and the wear on the motor reduced!

The H-models have a two-stage in-line heater (each stage has 1000 Watts). With the Pre-Heat valve the operator is able to pre-heat the water in the solution tank in order to raise the cleaning temperature even more. If the carpet or textile is suitable for high heat the cleaning result is improved, the activity of enzymes contained in some of our products is elevated and the drying time is reduced.

The models KR2000 and KR 2000H have a 20 bar pump. The pressure of this pump is adjustable using the valve and manometer located at the bottom back of the machine. Thus sensitive textiles can be treated with a low pressure spray and durable carpets with high pressure.

In order to remove the liquid sprayed into the carpet or textile both models have two 3-stage vacuum motors which enable the operator to remove a maximum of dirt and moisture.

Attached above the drain valve is a suction attachment which enables one to prime a run-dry pump or empty both hose and pump of liquid after operation to protect from freezing.



*Polyform housing with stable wheels.*



*Pressure easily adjustable, pre-heating of the solution no problem.*



*Practical suction attachment.*

The lid for the solution tank is solid polyform and attached with two hinges, making it easy to open and close yet durable. The vacuum tank is easy to open - simply twist the lid 90 degrees and take off!



*Robust lid.*



*Easy to remove lid of the vacuum tank.*

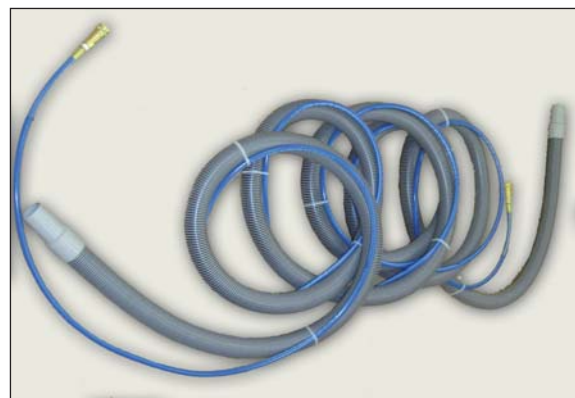
For maintenance purposes the machines are easily opened - just unhinge both latches and lift the top (see fotos of the individual models on the following pages).

All models save the KR1000 have two electrical cables for two circuits in the machine, as the power consumption may overstrain one circuit with power ratings up to 3000W and more. However using an initial power surge limiter one can use all machines with just one electrical circuit (with exceptions) under normal circumstances, as most power is consumed when the machine is started up. Of course it is always recommended to use two circuits, if available.

Each machine comes with a standard hose package and a 2-jet floor tool. The instruction manual supplied with each machine contains detailed drawings and parts lists for all available spare parts, as well as electrical diagrams for repair purposes.



*2-jet floor tool and...*



*...hose package included.*

Each model is described in detail on the following pages.

# The BENOvac KR1000 - Starting model

With a 7 bar pump and two 2-stage vacuum motors it is ideally equipped for the beginning - no fancies, only spray and vacuum power for carpets and upholstery!



*One circuit - pump and vacuum motors.*



*Two 2-stage vacuums and a 7 bar pump.*

## The BENOvac KR1000 - Technical Information

Model	Benovac KR1000
Length	711 mm
Width	450 mm
Height	1016 mm
Weight	47 kg
Solution tank	41 litres
Vacuum tank	38 litres
Pump	240 Volt, 6.8 bar, 0.5 amp, 120 W
Vacuum motors, 2-stage in parallel	2 x 240 Volt, 3.84 amp, 922 W
Water lift (sealed)	2337 mm
Power	240 Volt, 8.18 amp, 1964 W
Power cable	7.6 metres
Decibels (3 meters distant, on carpet)	< 70 dB (A)

# The BENOVAC KR1000H - Starting model with a plus

With a 7 bar pump, two 2-stage vacuum motors, and a two-stage in-line heater almost anything is possible - always warm to hot water, vacuum as desired, and strong spraying pressure!



*Two circuits - pump, two vacuum motors and a two-stage in-line heater*



*This valve enables you to pre-heat your cleaning solution.*



*Two 2-stage vacuum motors, 7 bar pump, and a 2-stage in-line heater with 2000 Watts.*

## The BENOVAC KR1000H - Technical Information

Model	Benovac KR1000H
Length	711 mm
Width	450 mm
Height	1016 mm
Weight	56 kg
Solution tank	41 litres
Vacuum tank	38 litres
Pump	240 Volt, 6.8 bar, 0.5 amp, 120 W
Vacuum motors, 2-stage in parallel	2 x 240 Volt, 3.84 amp, 922 W
In-line Heater	2 x 240 Volt, 4,1 amp, 1000 W
Water lift (sealed)	2337 mm
Power	C1-240V, 8.44 amp, 2042W; C2-240V, 7.94 amp, 1922W
Power cable	2 x 7.6 metres
Decibels (3 metres distant, on carpet)	< 70 dB (A)

# The BENOvac KR2000 - High-performance model

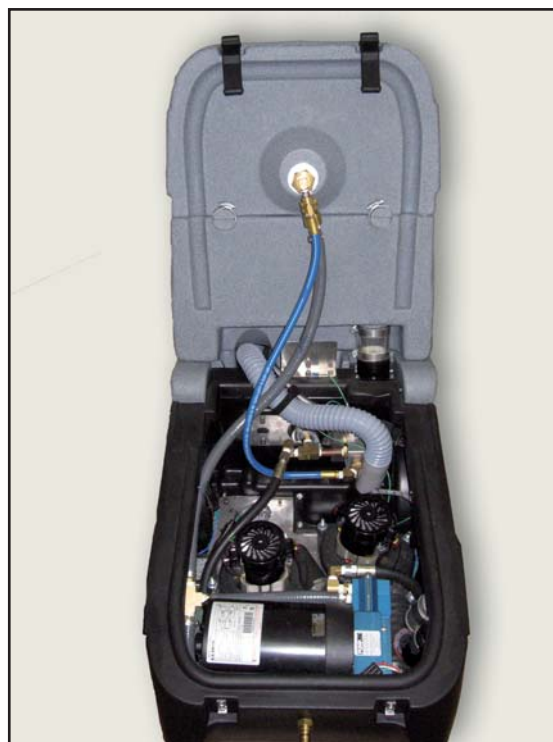
More spraying and vacuum power. With the Benovac KR2000 you can select spraying pressure anywhere up to 20 bar. Vacuum power is about 50% higher than that of the KR1000 and KR1000H!



*Two circuits - pump and vacuum motor, and vacuum motor.*



*Pressure adjustment of the fine kind.*



*Two 3-stage vacuums and a 20 bar pump.*

## The BENOvac KR2000 - Technical Information

Model	Benovac KR2000
Length	711 mm
Width	450 mm
Height	1016 mm
Weight	59 kg
Solution tank	41 litres
Vacuum tank	38 litres
Pump	240 Volt, 20.68 bar, 1.0 A, 240 W
Vacuum motors, 3-stage in parallel	2 x 240 Volt, 4.6 amp, 1104 W
Water lift (sealed)	3454 mm
Power	C1 - 240V, 5.6amp, 1344W; C2 - 240V, 4.6 amp, 1104W
Power cable	2 x 7.6 metres
Decibels (3 metres distant, on carpet)	< 70 dB (A)

# The BENOvac KR2000H - The TOP model

Everything a carpet and upholstery cleaner can wish for: extreme spraying pressure, maximum vacuum performance and always warm/hot water. The Benovac KR2000H makes wishes come true!



*Two circuits - pump, two vacuum motors, and a two-stage in-line heater.*



*Spray pressure may be set here as well as pre-heating of the cleaning solution.*



*Two 3-stage vacuums, 20 bar pump, and a 2-stage in-line heater.*

## The BENOvac KR2000H - Technical Information

Model	Benovac KR2000H
Length	711 mm
Width	450 mm
Height	1016 mm
Weight	67 kg
Solution tank	41 litres
Vacuum tank	38 litres
Pump	240 Volt, 20.68 bar, 1.0 amp, 240 W
Vacuum motors, 3-stage, parallel	2 x 240 Volt, 4.6 amp, 1104 W
In-line Heater	2 x 240 Volt, 4,1 amp, 1000 W
Water lift (sealed)	3454 mm
Power	C1-240V, 9.7 amp, 2344W; C2-240V, 8.7 amp, 2104W
Power cable	2 x 7.6 metres
Decibels (3 metres distant, on carpet)	< 77 dB (A)



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for Cleaning Professionals*

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