

# THE UNIVERSAL HIGH PERFORMANCE FAN FOR THE VENTILATION OF FIRE SCENES



## FANS FOR EVERY OPERATION!

High performance fans allow effective ventilation of burning buildings and sites of operation to clear from smoke, heat and toxic gases. The conditions for the fire fighters are significantly improved. The attack team can orient itself more quickly in the object, carry out more effective firefighting and handle rescue operations more safely. Our high performance fans are developed with the aim of mastering every operational situation in the best possible way, regardless of the tactical approach or the ventilation philosophy. They are specially designed for the requirements of a fire service and have outstanding ergonomics. The ventilation will be more effective and the fire fighting operation safer. Apartment buildings and more complex buildings are no challenge for our high performance fans. The higher velocity allows the high performance fan to be placed at a greater distance up to 6 meters from the front door.

# EXCELLENT ERGONOMICS



The patented, flip-up handle allows easy, ergonomic transport for large and small fire fighters.



Largest possible tilt range for an ideal flow to the ventilation opening. Simple, quick alignment upwards and downwards using a user-friendly foot pedal.



Versatile, innovative grip options all around ensure simple unloading from the appliance and an easy handling.

## VERY COMPACT AND EXTREME LIGHTWEIGHT

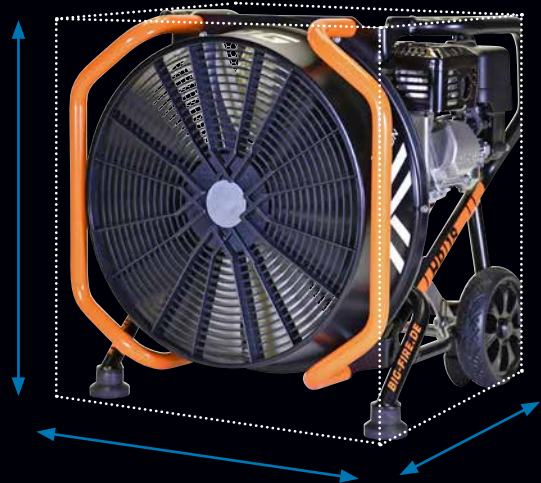
Low weight and compact dimensions have been the focus of our design team. Thanks to the innovative material mix, the HP18 is the lightest high performance fan in its class. Due to their compactness, our high performance fans also require little space in the vehicle. Handling and loading of the fans are thereby considerably simplified. This means that there is no need for an expensive and heavy pull-out.

## OUTSTANDING QUALITY

BIG high performance fans are developed and assembled at our factory premises in Southern Germany. Only high quality components and reliable engines from our experienced suppliers are used.

## IMPRESSIVE POWER

The modified impeller design, an optimized air flow to the impeller and the innovative vanes allow for higher efficiency and better pressure build-up inside the building. The new high performance fans impress with their power and extreme effective ventilation during operations.



## COMBUSTION ENGINE SELF-SUFFICIENT

High performance fans with combustion engine offer high air outputs, are quick to use and self-sufficient. There is no need for electric power or water supply to the fan. They have a significantly higher air output and are inexpensive. Therefore, they are ideal as a first attack tool.

## ELECTRIC MOTOR FLEXIBLE

Electric driven fans do not generate exhaust fumes, thus providing the possibility of using them inside buildings. In addition, they can be operated in any position, even horizontally, for example, to be able to ventilate vertically via a lightwell. With adjustable electric drive, the air output can be adapted to the specific requirements.



## HP18 BLACK EDITION



	HP18-H2	HP18-ES2	HP18-EV+
Type	HP18-H200-B1	HP18-ES2,2-B1	HP18-EV+2,2-B1
Drive / speed	combustion engine	electric / single	electric / variable *
Engine power	4,3 kW SAE J1349	2,2 kW	2,2 kW
Air volume effective	approx. 59.000 m³/h	approx. 48.000 m³/h	approx. 48.000 m³/h
Engine / motor	Honda GX200	230V / 50Hz	230V / 50Hz
Tilt angle	+20° / -20°	+35° / -20°	+35° / -20°
Dimensions (w x h x d)	51* x 55 x 48 cm	51 x 55 x 48 cm	51 x 55 x 48 cm
Weight	30 kg	32 kg	28 kg

\* +4 cm w. exhaust hose adapter

\* optional with display.

## HP18 BLUE EDITION



	HP18-H1	HP18-ES1
Type	HP18-H160-B1	HP18-ES1,5-B1
Drive / speed	combustion engine	electric / single
Engine power	3,6 kW SAE J1349	1,5 kW
Air volume effective	approx. 49.000 m³/h	approx. 38.000 m³/h
Engine / motor	Honda GX160	230V / 50Hz
Tilt angle	+20° / -20°	+35° / -20°
Dimensions (w x h x d)	51* x 55 x 48 cm	51 x 55 x 48 cm
Weight	29 kg	28 kg

\* +4 cm w. exhaust hose adapter

## OPTIONS



### WATER MIST SYSTEM

The special nozzles create a very fine water mist for cooling or binding gases and vapors. The water mist system fits all fans and is simply magnetically attached to the front grille. The flow rate is 60 l / min (at 7 bar / D-Storz) or alternatively 200 l / min (at 7 bar / C-Storz).



### LED-LIGHT

The light package with modern LED technology ensures reliable illumination of the entrance opening at the scene of operation.

## HP21 BLACK EDITION



	HP21-H3	HP21-EV4
Type	HP21-H270-B1	HP21-EV4,0-B1
Drive / speed	combustion engine	electric / variable *
Engine power	6,3 kW SAE J1349	4,0 kW
Air volume effective	approx. 105.000 m³/h	approx. 83.000 m³/h
Engine / motor	Honda GX270	400V / 50Hz
Tilt angle	+20° / -18°	+32° / -18°
Dimensions (w x h x d)	62 x 65 x 55 cm	62 x 65 x 55 cm
Weight	45 kg	38 kg

\* optional with remote control.

## SE18 – SMOKE EJECTOR BLUE EDITION

Powerful suction when positive pressure ventilation is not possible or does not make tactical sense.



	SE18-E0
Type	SE18-E0-B1
Drive / speed	electric / single
Engine power	0,75 kW
Air volume effective	approx. 26.500 m³/h
Engine / motor	230V / 50Hz
Dimensions (w x h x d)	51 x 51 x 40 cm
Weight	19 kg



### VENTILATION HOSES

Ventilation hoses for specifically directed airflow and extraction of cold smoke, contaminated air and gases are available in lengths of 5 m and 10 m as well as in different versions: antistatic (flame retardant), heat resistant up to 180° C (flame retardant) and standard (flame retardant).



### FOAM GENERATOR SYSTEM

The foam generator system FlexiFoam is ideal for flooding or covering larger areas. Foam production takes place directly at the location of the fire. The inefficient transport of finished foam is eliminated. In addition, the FlexiFoam can also be used in areas filled with smoke. The system is not using the ambient air, fresh air for the foam generation is feeded through ventilation hoses by the fan. Smoke will not affect the foam quality.