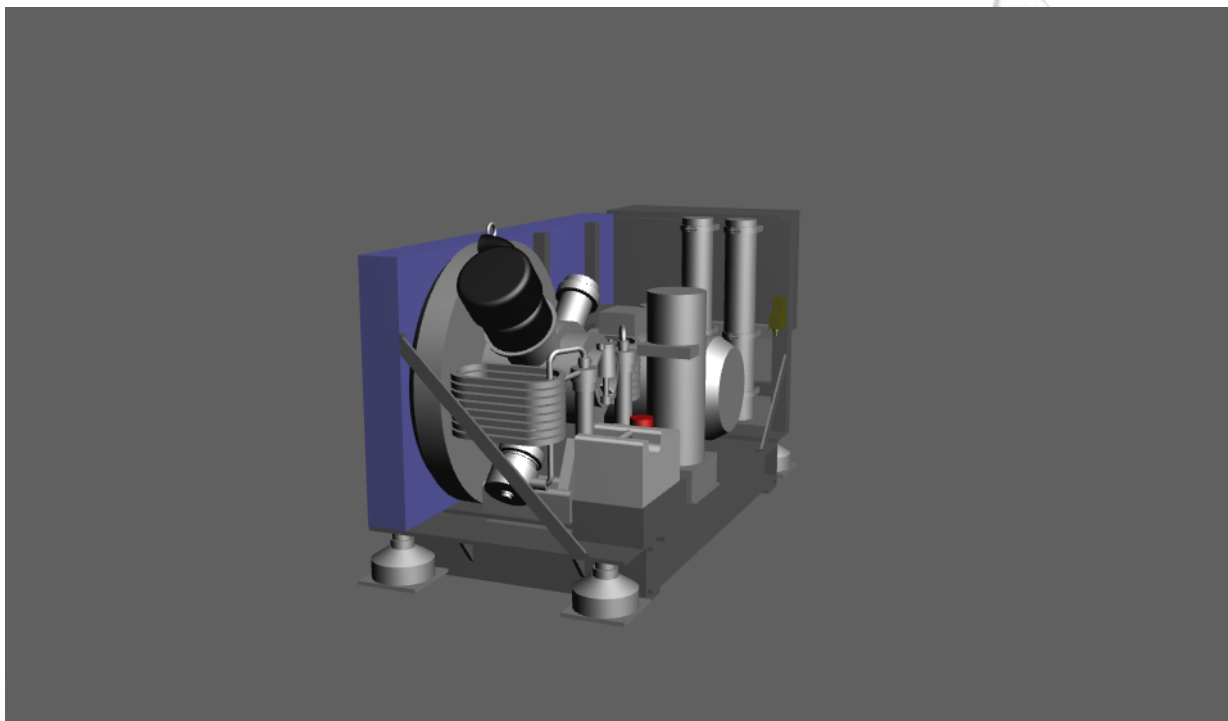




NAVY KAP-HN RANGE

AT HOME ON THE SEVEN SEAS



**370 - 660 l/min**

The new KAP-HN range operates under arduous military conditions.

The KAP-HN range was specifically designed for the strong NAVY requirements, i.e. shock- and vibration-proof acc. to MIL-standard. For operation on heavy sea and extreme inclinations either on frigates, corvettes or mine-sweepers.

The highly efficient P41-DUO filter system guarantees purest breathing air acc. to MIL-standard and breathing air standard DIN EN 12021.



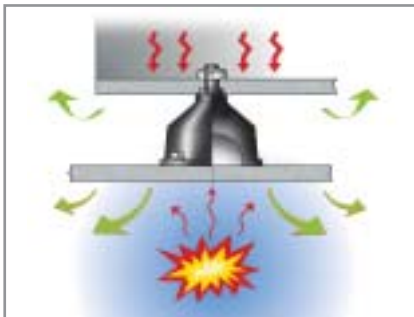
## ROBUST AND EXPANDABLE



*extremely robust blocks*



*operation even on heavy sea*



*highly developed shock- and vibration elements*

### VIBRATION-PROOF

The **ingenious unit design** with **fine balanced electrical drive**, vibration optimized, **cross tied frame construction** and **vibration damped block** as well as **special shock- and vibration elements** isolate the unit effectively from the ship. This fulfills **MIL-S-901-D, grade A, type A, class 1** and **BV 043** (max. 6 G up to 20 ms).

### ALWAYS IN USE

The **low center of gravity** and the block design allow the operation **even on heavy sea** (roll: 30°/max. 10 sec.; pitch: 10°/max. 6 sec.)

### EXTREMELY ROBUST, AIR-COOLED BLOCKS

**Piston rings** made of newly developed **high-tech plastics** and **plasma-nitrited cylinders** show almost **no more wear and tear**. The **industrial roller bearings** are made for more than **30.000 operating hours**. Inter- and after coolers are made of **stainless steel** for **improved resistance to corrosion**.

### COMPLETE EQUIPMENT

The units are delivered **complete** and **ready for operation** with integrated electronic compressor monitoring **B-CONTROL** for a fully automatic operation.

### EXPANDABLE FOR ANY REQUIREMENTS

**Various accessories** allow a **flexible adaptation to various requirements**: with an **external filling panel** 6 storage cylinders can be filled simultaneously (standard scope of supply does not include any filling devices!). **Storage solutions** assure constant availability in case of quick and high air requirement. The **SECURUS filter monitoring** (optional) guarantees always purest breathing air quality.

## TECHNICAL DATA

Model max. 330 bar / 5000 psig <sup>1)</sup>	FAD <sup>2)</sup>		Dreh- zahl min <sup>-1</sup>	Motor		Comp.- stages	Filter- system	Approx. dimension cm			Weight net kg
	l/min	m <sup>3</sup> /h		kW	HP			L	W	H	
KAP 15.1-7,5-HN	370	22,2	1050	7,5	10	4	P41 DUO	165	78	90	480
KAP 150-11-HN	540	32,4	1230	11	15	4					505
KAP 180-15-HN	660	39,6	1320	15	20	4					520

<sup>1)</sup> also available with switch over device  
330 / 225 bar ( 5000 / 3300 psig ) = HU type

<sup>2)</sup> cylinder filling from 0 to 200 bar ( 0 to 3000 psig )



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