



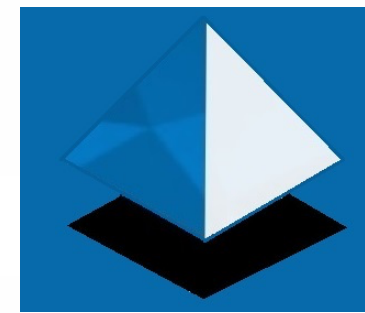
PREMIUM HIGH-PRESSURE AIR COMPRESSORS

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THE RELENTLESS PURSUIT OF PERFECTION

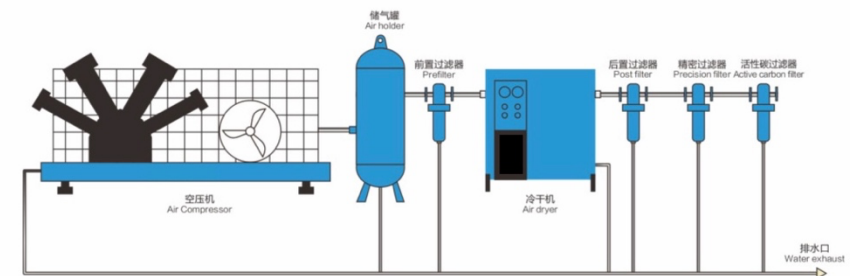


**YOUR QUALITY AIR
COMPRESSOR SUPPLIER**

Capstone Engineering (Pty) (Ltd) has been supplying customers throughout South Africa with quality Compressed Air equipment and related accessories for the past 48 years. Through our experience, we are well placed in order to identify and offer cost effective, proven solutions to all Industries – Manufacturing, Agricultural, Mining, Process, Pharmaceutical – Full spectrum.

Air compressors are our game, diesel, petrol or electric, rotary screw or piston. We also have a wide range of air treatment accessories, such as refrigerated air dryers and air filtration. We also stock pressure vessels, which are a must have with each air compressor.

Our services include, but are not limited to, sales of new equipment, all preventative maintenance, installations & turnkey projects, overhauls & rebuilds and consultations revolving around compressed air.



TWO-STAGE COMPRESSOR

ECONOMICAL/PRACTICAL

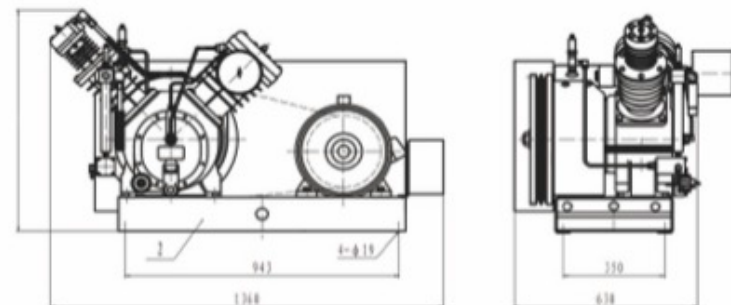
The compressor is compact with an air cooling system and efficient intermediate and post-cooling coolers.



01



The system includes a low oil level protection mechanism to detect oil shortages and trigger a shutdown procedure. An optional air tank is available (standard compressors are supplied without one).



Technical Parameters

型号MODEL	EAH-0.7/30	EAH-0.6/35
排气量(m ³ /min) Capacity	0.7	0.6
压力(Mpa) Pressure	3.0	3.5
电机功率(KW) Motor power	7.5	7.5
外形尺寸(mm) Dimension	1360*630*780	1360*630*780
重量(kg) Weight	310	310

02

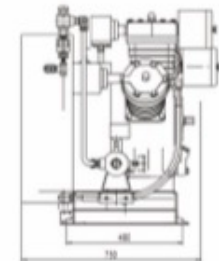
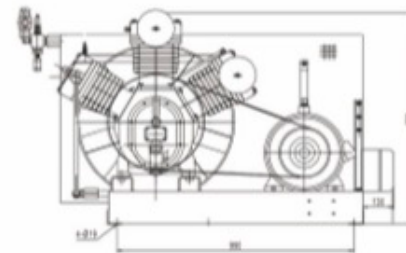


After years of development, ProFlow HP produces medium and high-pressure air compressors with sustainable operation and stable performance. These have been applied in various industries and sold internationally. The ProFlow HP compressor is characterised by significant economic and energy savings.

The air compressor is compact and requires no special foundation for installation. It also offers a range of options for high-pressure air sources required by specialised industries.

All the cylinders of the ProFlow HP compressor are precision cast, durable and finned on the surface which facilitates heat dissipation.

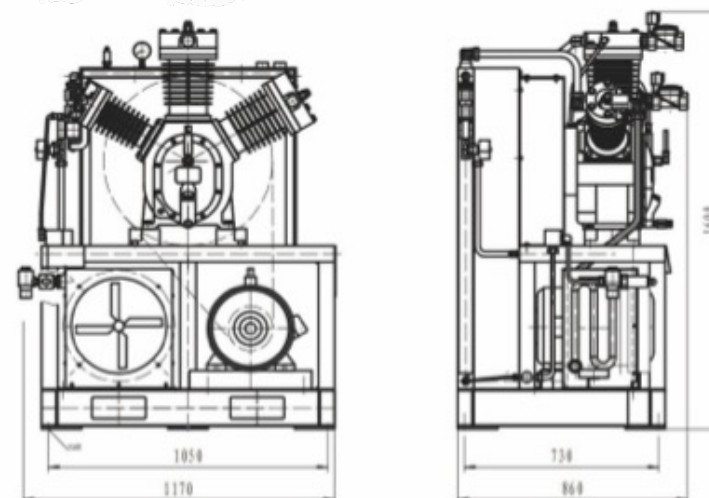
The inlet and outlet valves are made from imported high-quality hard steel, significantly improving the service life of the valve set.



Technical Parameters

型号MODEL	EAH-1.0/30	EAH-1.2/30	EAH-1.5/30
排气量(m ³ /min) Capacity	1.0	1.2	1.5
压力(Mpa) Pressure	3.0	3.0	3.0
电机功率(KW) Motor power	11	15	18.5
外形尺寸(mm) Dimension	1475*730*910	1475*730*910	1490*760*910
重量(kg) Weight	430	430	513

Multi-unit combination is also an important method for achieving low energy consumption, low maintenance and continuous operation. The main engine is equipped with an automatic pressure relief system to ensure safe startup without load, extend the service life of the compressor and effectively protect the air-end and motor. This reduces the impact on the user's power grid.



Technical Parameters

型号 MODEL	EAH-2.2/30
排气量 (m ³ /min) Capacity	2.2
压力 (Mpa) Pressure	3.0
电机功率 (KW) Motor power	22
外形尺寸 (mm) Dimension	1150*860*1600
重量 (kg) Weight	615

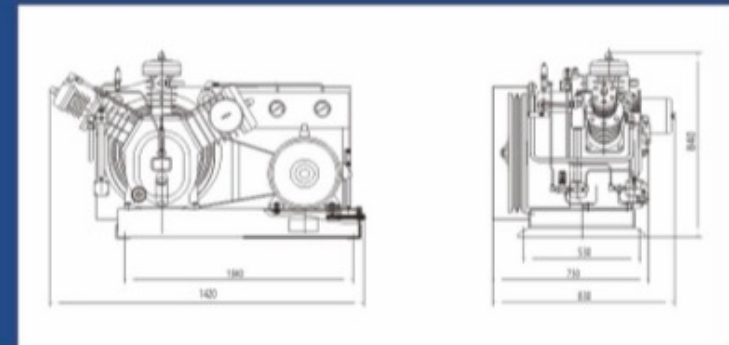
THREE-STAGE COMPRESSOR

RELIABLE/DURABLE

Annular valves has advantages of good sealing, small leakage, improving suction efficiency and reducing energy consumption.



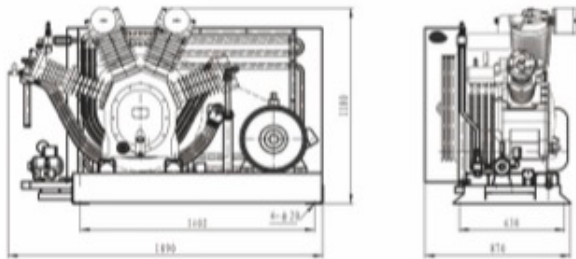
The compressor is equipped with an efficient high-pressure inlet and outlet valve. The inlet valve also features a 4-micron air filter to ensure the air purity.



Technical Parameters

型号MODEL	EAH-1.0/40	EAH-1.0/55	EAH-0.6/105
排气量(m ³ /min) Capacity	1.0	1.0	0.6
压力(Mpa) Pressure	4.0	5.5	10.5
电机功率(KW) Motor power	11	15	15
外形尺寸(mm) Dimension	1420*840*840	1420*840*840	1420*840*840
重量(kg) Weight	470	470	470

The inlet and outlet valves of the compressor utilize an annular valve set. This design provides a small impact, a low resistance to air flow, minimal noise and a long service life.

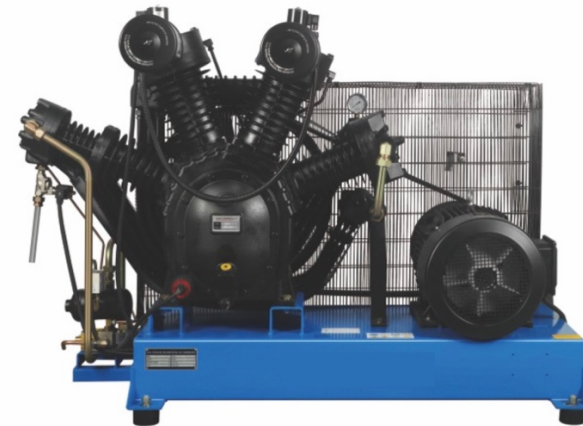


Technical Parameters

型号MODEL	EAH-2.0/40	EAH-3.0/40
排气量(m ³ /min) Capacity	2.0	3.0
压力(Mpa) Pressure	4.0	4.0
电机功率(KW) Motor power	22	30
外形尺寸(mm) Dimension	1800*850*1110	2020*935*1100
重量(kg) Weight	660	920



ProFlow HP products utilize advanced compression technology. As a result, ProFlow HP medium and high-pressure compressors have the same high-quality, stable, high-efficiency, energy-saving and environmental protection characteristics as foreign products. A range of specifications (0.15-60 m³/min) is available to meet diverse user requirements. Multi-unit combination is also an effective method for achieving low energy consumption, low maintenance and continuous operation. Each unit is equipped with an unloading, starting solenoid valve, automatic drainer and blow-down valve to ensure safe and smooth operation.

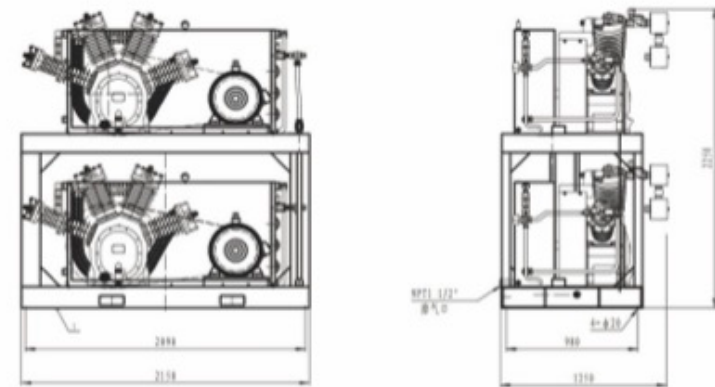




After years of testing, ProFlow Hp has achieved user approval and produces over 30 different types of medium and high-pressure air compressor. These can be configured flexibly to meet user requirements and can be installed on a single skid plate with pipeline connections. They offer stable operation and are easy to maintain.



The specially designed compressor wheel enables continuous operation in low temperatures. The unit can accommodate multiple devices on a single skid plate, facilitating simple installation and use. It is also flexible in configuration and application.



Technical Parameters

型号MODEL	2-EAH-4/40	2-EAH-6/40
排气量(m ³ /min) Capacity	4	6
压力(Mpa) Pressure	4.0	4.0
电机功率(KW) Motor power	22*2	30*2
外形尺寸(mm) Dimension	2200*1120*2250	2200*1120*2250
重量(kg) Weight	1905	1905

BOOSTER SERIES

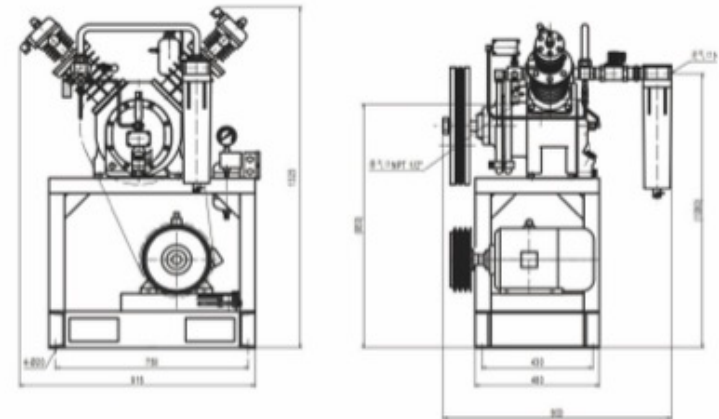
ENERGY-SAVING/
ENVIRONMENTALLY FRIENDLY

The air-end of the ProFlow HP compressor is designed as a multi-stages booster compression, air cooling and belt-driven system.

ProFlow HP is equipped with unique efficient coloration, a reasonable design and an excellent heat dissipation effect.

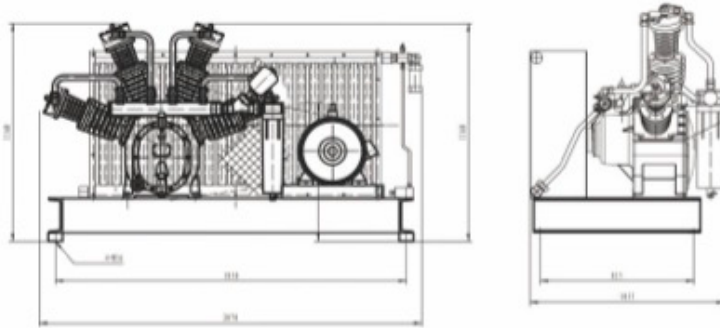


ProFlow HP booster can utilize multi-stage compression for various gases including air, nitrogen and helium.



Technical Parameters

型号 MODEL	EAH-2.0/40-Z	EAH-3.0/40-Z	EAH-4.0/40-Z
排气量(m ³ /min) Capacity	2.0	3.0	4.0
压力(Mpa) Pressure	4.0	4.0	4.0
电机功率(KW) Motor power	9	11	15
外形尺寸(mm) Dimension	935*900*1325	935*940*1325	1330*735*1600
重量(kg) Weight	380	430	460



Technical Parameters

型号MODEL	EAH-6.0/40-Z	EAH-8.0/40-Z	EAH-10/40-Z
排气量(m ³ /min) Capacity	6.0	8.0	10
压力(Mpa) Pressure	4.0	4.0	4.0
电机功率(KW) Motor power	22	30	30
外形尺寸(mm) Dimension	2070*1000*1160	2130*1020*1200	2130*1020*1200
重量(kg) Weight	845	895	895



ProFlow Hp booster series has remarkable performance which is stable and reliable.

A high-performance booster compressor can pressurise air from 0.2 MPa to 30 MPa, eliminating the need for a high-pressure air compressor and saving on investment.

