



BLU EX AIR INNOVATIVE PVT. LTD.

'ONE STOP SOLUTION FOR AIR COMPRESSOR'

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BLU^{EX}
AIR COMPRESSOR





ABOUT US

We are Bluexim Air Innovative Pvt. Ltd. engaged in the field of industrial air compressor manufacturing & supplies. Our product is Screw Air Compressor, Oil free air compressor, Reciprocating air compressor, Dental oil free air compressor, Refrigerated Air dryer, Micro filter & Air receiver Tank.

Started operation in July 2017 and with in very short of time we stand as fast growing company in air compressor field in pan India basis as well as global supply.

OUR VISION

Quality is remembered long after the prices forgotten.

Every companies greatest assets are its customer because without customers there is no company.

The base of infrastructure is covered with all the requisite amenities and comprise various department such as a procurement, production, quality testing, warehousing, packing, marketing & logistics. All these are handled by professionals who had ample industrial experience.

CERTIFICATES





ACCESSORIES LIST

PISTON



Adopts the international top-level third generation asymmetric wire twin-screw air end, adheres to the exquisite manufacturing process, adopts the peak high efficiency low-pressure, high-efficiency tooth shape and the axial air inlet design. optimized flow channel design, with a large rotor, low speed, and high efficiency. Increased energy efficiency compared to the second generation.

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MOTOR



All are made of high-temperature and corrosion-resistance stainless steel with built-in limit plate to ensure smooth gas flow and the service life of the valve plate, reduce the noise of the body and ensure the continuous operation of the unit.

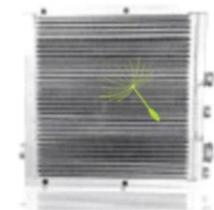
FAN



The fan uses a large fan design to effectively enhance the fan's heat dissipation effect. The motor adopts a special internal design to harsh working condition.

The fan motor adopts special winding and high protection grade design to adapt To harsh working conditions.

COOLER



The heat exchanger uses high-quality raw material and a unique internal channel Design, which increases the heat exchange area and can effectively dissipate heat For the air compressor.

The inner wall of the heat exchanger is treated with corrosion protection to Increase the service life of the heat exchanger and increase the heat transfer Effect.

CONTROLLER



Adopts PLC Multilanguage control system, beautiful and intuitive interface, easy to Operate function, operator can quickly and easily adjust the compressor.

14 protection function such as overload protection, short circuit protection, Revenue protection, low temperature protection, high voltage protection, etc. to Fully protect the unit.



INVERTER



The standard is equipped with high frequency reactor, effectively reducing the Frequency converter and the external magnetic field dry reactance.

High performance, high quality and high – power density, as well as significant Improvements in usability, maintainability, environmental protection, installation Space, and design standards, can further optimize the user experience.

OIL FILTER

Adopts high-density filter material, the surface is treated with Nano-Electroplating.



The filter element has uniform pore size, small filter resistance, large flux, strong Interception ability and long service life.

High filtration accuracy effectively filters impurities in lubricating oil, prolongs the Service life of the equipment.

AIR FILTER



Adopting a design with high dust holding capacity and low flow resistance, which Can filter out tiny fixed particles in the air. The dust removal effect can reach 99.5%, ensuring the normal operation of the components of the system and Extending the service life.

AIR OIL SEPARATOR CORE



The high – quality air -oil separation element and gas – liquid filter element are Equipped with advanced three – stage air – oil separation to keep the oil content Below 3ppm to ensure the output of high quality Compressed air.

B1 SERIES FIXED SPEED SCREW AIR COMPRESSOR



FEATURES:

- ✓ Element with 5:6 ratios.
- ✓ Direct driven, zero (0) transmission losses. (motor & screw rpm equal)
- ✓ Oil & after cooler designed at 45°C ambient temperature.
- ✓ No hose pipes, all S.S. Pipes.
- ✓ Plc controller with volt/amp, logbook reverse rotation, single phase preventer, fault indicator with flow diagram and much more.



MODEL NO.	PRESSURE	INSTALLED MOTOR RATING(KW)	CFM	M ³ /MIN	AIR OUTLET (INCH)
BEI – 10HP D	08/10/13	7.5	46/34/30	1.3/0.96/0.85	G 1/2"
BEI – 15HP D	08/10/13	11	65/46/39	1.84/1.3/1.1	G 3/4"
BEI – 20HP D	08/10/13	15	88/71/60	2.49/2.01/1.7	G 3/4"
BEI – 25HP D	08/10/13	18.5	113/95/78	3.2/2.69/2.21	G 1"
BEI – 30HP D	08/10/13	22	131/113/99	3.71/3.2/2.8	G 1"
BEI – 40HP D	08/10/13	30	181/138/124	5.12/3.91/3.51	G 1 1/2"
BEI – 50HP D	08/10/13	37	240/191/138	6.8/5.41/3.91	G 1 1/2"
BEI – 60HP D	08/10/13	45	275/242/212	7.8/6.9/6.00	G 1 1/2"
BEI – 75HP D	08/10/13	55	365/307/265	10.33/8.69/7.5	G 2"
BEI – 100HP D	08/10/13	75	476/410/346	29.3/26.33/20.95	G 2"

B2 SERIES PM + VFD SCREW AIR COMPRESSOR



FEATURES:

- ✓ Element with 5:6 ratios.
- ✓ Direct driven, zero (0) transmission losses. (motor & screw rpm equal)
- ✓ Oil & after cooler designed at 45°C ambient temperature.
- ✓ No hose pipes, all S.S. Pipes.
- ✓ Plc controller with volt/amp, logbook reverse rotation, single phase preventer, fault indicator with flow diagram and much more.
- ✓ Smart VFD with 30% energy saving.



MODEL NO.	PRESSURE	INSTALLED MOTOR RATING(KW)	CFM	M ³ /MIN	AIR OUTLET (INCH)
BEI – 10HP PMV	08/10/13	7.5	46/34/30	1.3/0.96/0.85	G 1/2"
BEI – 15HP PMV	08/10/13	11	65/46/39	1.84/1.3/1.1	G 3/4"
BEI – 20HP PMV	08/10/13	15	88/71/60	2.49/2.01/1.7	G 3/4"
BEI – 25HP PMV	08/10/13	18.5	113/95/78	3.2/2.69/2.21	G 1"
BEI – 30HP PMV	08/10/13	22	131/113/99	3.71/3.2/2.8	G 1"
BEI – 40HP PMV	08/10/13	30	181/138/124	5.12/3.91/3.51	G 1 1/2"
BEI – 50HP PMV	08/10/13	37	240/191/138	6.8/5.41/3.91	G 1 1/2"
BEI – 60HP PMV	08/10/13	45	275/242/212	7.8/6.9/6.00	G 1 1/2"
BEI – 75HP PMV	08/10/13	55	365/307/265	10.33/8.69/7.5	G 2"
BEI – 100HP PMV	08/10/13	75	476/410/346	29.3/26.33/20.95	G 2"



REFRIGERATED AIR DRYER

FEATURES:

- ✓ POWER SAVING
- ✓ EASY INSTALLATION
- ✓ LESS MAINTENANCE
- ✓ ENVIRONMENT FRIENDLY
- ✓ DEW POINT 2°C – 3°C DEGREE



MODEL	CFM	PRESSURE	AIR CONNECTION IN/OUT	RATED POWER*
BEI- 10AD	40	16	1/2 BSP(F)	0.2
BEI- 15AD	60	16	1/2 BSP(F)	0.4
BEI- 20AD	80	16	1 BSP(F)	0.5
BEI- 25AD	100	16	1 BSP(F)	0.6
BEI- 30AD	125	16	1 BSP(F)	1
BEI- 40AD	200	16	1 1/2 BSP(F)	1.2
BEI- 50AD	250	16	1 1/2 BSP(F)	1.4
BEI- 60AD	300	16	1 1/2 BSP(F)	1.6
BEI- 75AD	400	16	2 BSP(F)	1.9
BEI- 100AD	500	16	2 BSP(F)	2.3



MICRO FILTER

PRE FILTER

As a primary filter particle whose diameter more than 1 micro meter can be removed, the maximum Residual oil content in negligible.

AFTER FILTER

High efficiency general protection, dust particles, water mist & oil mist whose diameter more than 0.01 micro meter can be removed, the residue content of oil mist doesn't exceed it's level.

CARBON FILTER

High efficiency oil removal filtration general, dust particles, water mist &, oil mist whose diameter More than 0.03 micro meter can be removed, the residue content of oil mist doesn't exceed it's level



MODEL NO	INLET FLOW RANGE CFM	AIR CONNECTION IN/OUT	MAXIMUM INLET TEMPERATURE (*C)
BEI – Micro - 60	0-60	1/2"	80
BEI – Micro – 150	60-150	1"	80
BEI – Micro - 250	150-200	1.5"	80
BEI – Micro - 400	200-400	2"	80
BEI – Micro - 600	400-600	2.5"	80
BEI – Micro - 900	600-900	2.5"	80

BLUEX AIR RECEIVER

An air receiver tank (sometimes called an air compressor tank or compressed air storage tank) is a type of Pressure vessel that receives air from the air compressor and holds it under pressure for future use. The tanks come in a range of sizes and in both vertical and horizontal configurations.



MODEL NO	OPERATING PRESSURE (Kg/cm ²)	CAPACITY (LTR)
BEI – 300 ARV	10	300
BEI – 500 ARV	10	500
BEI – 1000 ARV	10	1000
BEI – 1500 ARV	10	1500
BEI – 2000 ARV	10	2000
BEI – 3000 ARV	10	3000
BEI – 5000 ARV	10	5000



BLU EX AIR COMPRESSOR PRODUCT RANGE



DENTAL AIR COMPRESSOR



OIL FREE AIR COMPRESSOR



LUBRICATED AIR COMPRESSOR



SINGLE STAGE RECIPROCATING AIR COMPRESSOR



DOUBLE STAGE RECIPROCATING AIR COMPRESSOR



AIR TANK



SCREW AIR COMPRESSOR



PMV SCREW AIR COMPRESSOR



REFRIGERATED AIR DRYER



MICRO FILTERS



ELECTRIC & PNEUMATIC TOOLS



SPARE PARTS OF AIR COMPRESSOR



APPLICATION



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