



**SAi AiR**  
**COMPRESSOR**

## SHREE SIDDALINGESHWARA ENTERPRISES

All type of Air Compressor, Air Dryer Sales & Service, Pipeline Works



One Stop Solution  
for all your  
**COMPRESSED  
AIR NEEDS**



### ESD-FIX SPEED AIR COMPRESSOR

HP	PRESSURE	CFM	AIR OUTLET
7.5 HP	7/8/10	35/30/26	G 3/4"
10 HP	7/8/10	44/40/37	G 3/4"
15 HP	7/8/10	68/64/59	G 1"
20 HP	7/8/10	85/80/78	G 1"
25 HP	7/8/10	116/108/100	G 1"
30 HP	7/8/10	135/122/110	G 1"
40 HP	7/8/10	182/174/160	G 1*1/2"
50 HP	7/8/10	240/225/209	G 1*1/2"
60 HP	7/8/10	275/249/240	G 1*1/2"
75 HP	7/8/10	374/310/270	G 2"
100 HP	7/8/10	485/418/356	G 2"

### HIGH PRESSURE

HP	PRESSURE	CFM	AIR OUTLET
15 HP	13/16	55/53	G 1"
20 HP	13/16	74/69	G 1"
25 HP	13/16	89/85	G 1"
30 HP	13/16	94/88	G 1"



### VSD-VARIABLE FREQUENCY DRIVE AIR COMPRESSOR

HP	PRESSURE	CFM	AIR OUTLET
7.5 HP	7/8/10	35/30/26	G 3/4"
10 HP	7/8/10	44/40/37	G 3/4"
15 HP	7/8/10	68/64/59	G 1"
20 HP	7/8/10	85/80/78	G 1"
25 HP	7/8/10	116/108/100	G 1"
30 HP	7/8/10	135/122/110	G 1"
40 HP	7/8/10	182/174/160	G 1*1/2"
50 HP	7/8/10	240/225/209	G 1*1/2"
60 HP	7/8/10	275/249/240	G 1*1/2"
75 HP	7/8/10	374/310/270	G 2"
100 HP	7/8/10	485/418/356	G 2"



### SAI-TWO STAGE COMPRESSOR

HP	PRESSURE	CFM	AIR OUTLET
30 HP	7.2/10	146/128	G 1"
50 HP	7.2/10	272/243	G 1*1/2"
60 HP	7.2/10	371/314	G 1*1/2"
75 HP	7.2/10	455/390	G 2"
100 HP	7.2/10	602/495	G 2"
120 HP	7.2/10	710/621	G 2"
150 HP	7.2/10	840/721	G 2"
175 HP	7.2/10	993/871	G 2"
215 HP	7.2/10	1179/1078	G 2"



## ENERGY SAVING - THE CONSERVE WAY

### In-Built SAI AIR COMPRESSOR Variable Frequency Drives (VFD)

Matches compressor output with demand by varying motor speed. The power consumption reduces in line with the reduction in demand. Helps in eliminating the frequent load-unload cycle & also the wasted power from the energy bill.

A fixed speed compressor operates on a load unload band of at least 10 psi around the working pressure whereas with SAI AIR COMPRESSOR VFD, compressor can be operated within a band of 2 psi. Since the compressor is not operated under higher than working pressure requirements, there is substantial energy saving. For every 2 psi reduction in operating pressure, there is 1% power saving.

In a fixed speed compressor with Star-Delta starter, starting current is as high as three times the full load current (FLC). With SAI AIR COMPRESSOR VFD, starting current is less than FLC. This helps to avoid using heavy rated components like fuses, MCCB, cable size, generator rating, isolate etc.

For compressed air systems with fluctuating demand pattern, giving a fast return on investment.



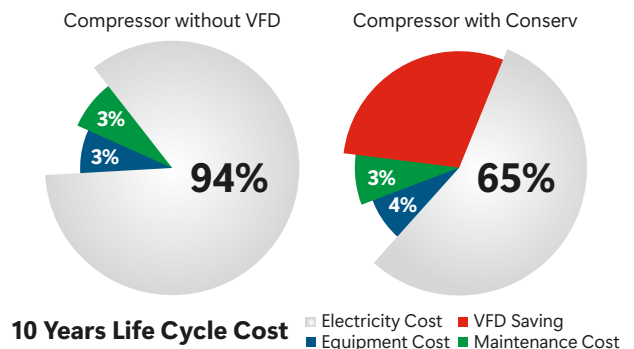
#### ADVANTAGES

##### Electrical

- Low Starting Current • High Efficiency
- Improved Power Factor • Reduced Maximum Demand

##### Mechanical

- Minimum Maintenance • Smooth Start
- Smooth Control



## AFTER SALES & SUPPORT SERVICES

As good and Efficient are our products, equally excellent are our spare parts along with our maintenance services that we offer through our offices and dealer network.

Our dealer network and team of technicians are well equipped to handle all after- sales and support requirements for our product across India. We recommend using original spare parts for the compressors.

The spares are generally supplied in pre-packaged kits for all items of a particular type of model and maintenance operation.

### Make the Correct Choice!

- Genuine Spares & Service
- Complies with Asian Standards
- Ensures High Performance of Compressor
- Minimal Service Requirements
- Service & Spares Delivered with the Lowest Lead Time
- In - House Customer Training Facility
- Dedicated Customer Care Center for Quick Response



## INSTALLATION GUIDE

### SAI AIR COMPRESSOR

