

# Oil Lubricated Screw Air Compressor

*GDK185/220*



Nationwide Toll-Free Service Hotline  
**400-820-9290**

**Gardner**  
**Denver**

# GDK185-220 Fixed Speed Design

## Excellent Performance

### Powerful Controller

- Enable to check the air compressor system (up to 8 units) at any time and at any place, either on site via an easy-to-use air compressor controller or remotely via a remote monitoring device

### Convenient Top Exhaust Device

- Easily realizing air guiding and helping with waste heat elimination or recovery

### Easily Accessible Components

- Sitting behind a detachable panel for convenient maintenance



### Innovative Airend Design

- For higher efficiency and better air capacity

### Reliable O Ring and Accessories

- 46°C high temperature design, robust structure and lower failure risk

### Air-cooled and Water-cooled Unit

- To meet all of your requirements for an air compressor system

### Ultra-long Life Gardner Denver Coolant

- To significantly extend running time

## GDK185 Fixed Speed Product Parameters

Model	Exhaust Pressure barg	Motor Power kW	Capacity (FAD) m3/min	Dimensions (LxWxH) mm	Weight* kg
GDK185-7A/W	7	185	37.0	4076 x 1930 x 2102	4805/4725
GDK185-8A/W	8	185	35.7	4076 x 1930 x 2102	4805/4725
GDK185-10A/W	10	185	32.4	4076 x 1930 x 2102	4805/4725

\* Parameters for water-cooled units behind"/"

## GDK220 Fixed Speed Product Parameters

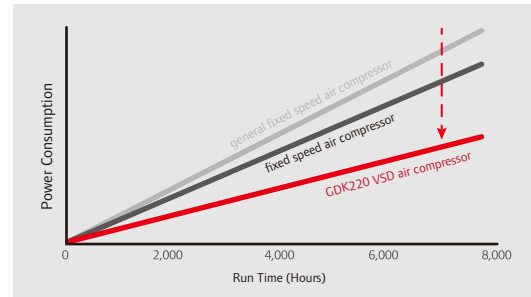
Model	Exhaust Pressure barg	Motor Power kW	Capacity (FAD) m3/min	Voltage V	Dimensions (LxWxH) mm	Weight* kg
GDK220-7A/W	7	225	45.6	380	4000 X 1930 X 2146	5584
				6000	4650 X 1930 X 2146	6600
				10000	4650 X 1930 X 2146	6707
GDK220-8A/W	8	225	43.2	380	4000 X 1930 X 2146	5584
				6000	4650 X 1930 X 2146	6600
				10000	4650 X 1930 X 2146	6707
GDK220-10A/W	10	225	38.8	380	4000 X 1930 X 2146	5584
				6000	4650 X 1930 X 2146	6600
				10000	4650 X 1930 X 2146	6707

\* Please dial Gardner Denver service hotline 4008209290 for specific power-saving cost of different models

# GDK220 Variable Speed Design

## Energy Saving with Variable Speed Design

Save more energy with advanced variable frequency technology and by intelligently regulating air consumption fluctuation. It has been proved by practice that the cost of electricity can be saved by 15%-20% with Gardner Denver variable frequency technology.



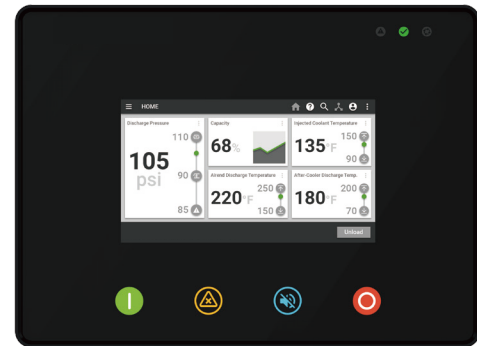
## Intelligent Control

### More User-friendly Interface

- High-resolution 7.6" color touch screen
- More intuitive key parameter & information display

### Stronger Core

- Multi-core processor for significant improvement of computing speed and communication capability
- Significantly reduce delay in data collection and operation interface to ensure real time communication



### More Efficient Management

- Built-in Internet connection for efficient remote management of operating status and maintenance schedule of the unit
- Automatic alarm & fault reminder and performance report sending

### More Advanced Algorithm

- Advanced controller algorithm for smaller pressure fluctuation and lower energy consumption
- Controlling up to 8 compressors equipped with Lumiance with no need for extra system controllers

### Easier Upgrade

- Modular design for easier iterative upgrade of software functions and continuous improvement of user experience

### Steadier Performance

- Fully isolated design with stronger anti-interference capability and better electromagnetic compatibility
- Used in a variety of operating ambient conditions and operating life of at least 40,000 hours in 5 years

## GDK220 Variable Speed Product Parameters

Model	Exhaust Pressure barg	Motor Power kW	Capacity (FAD) m3/min	Dimensions (LxWxH) mm	Weight* kg
GDK220VSD-A	7-10	225	16.8-46.0	4000 X 1930 X 2146	6255
GDK220VSD-W	7-10	225	16.8-46.0	4000 X 1930 X 2146	6255

# Gardner Denver's Endeavor to Manage Your System

Gardner Denver guarantees reliable operation of the entire system by offering a range of accessories such as dryer, filter, after cooler and others, so you can enjoy world-class customer support at any time through one-stop sourcing for well-matched system components from Gardner Denver.

## Oil Lubricated Screw Air Compressor

Single-stage screw air compressor  
0.3-47.7m³/min/7-14barg

Two-stage screw air compressor  
29.6-70.1m³/min/7-14barg

Custom-made  
Supporting engineering machinery, locomotive, crane



## Oil-Free Air Compressor

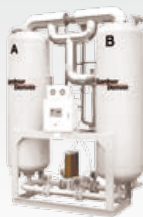
Oil-free Scroll Compressor  
0.21-3.78m³/min/8-10barg

Water Lubricating Oil-free Air Compressor  
0.9-27m³/min/7-10barg



## After-treatment Devices

- Dryer
- Filter
- Air tank



## Comprehensive Service Support

- Engineering solutions
- Local service centers
- Genuine GD spare parts and lubricants



## Value-added Services

- Heat recovery
- VSD retrofitting
- Integrated control



Gardner Denver  
Air Compressor WeChat Account



Gardner Denver  
Air Compressor Video Account



Gardner Denver  
Air Compressor DouYin Account

# Gardner Denver

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