

**20-75 HP (15-55kW) Oil Free
Fixed Speed Air Cooled Single Stage**

HITACHI
Inspire the Next

**Oil Free Rotary
Air Compressors**

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Fixed Speed Air Cooled Single Stage 20-75 HP (15-55kW)

Specifications

| Model | Rated Pressure | Nominal Motor Output | Main Voltage | FAD | Weight | Outlet |
|-------------|----------------|----------------------|--------------|----------------------------|---------------|--------|
| | psig (MPa) | HP (kW) | V | ACFM (m ³ /min) | lb (kg) | NPT |
| DSP-15A6 II | 100 (0.69) | 20 (15) | 208/230/460 | 80 (2.3) | 1,830 (830) | 1 |
| DSP-22A6 II | 100 (0.69) | 30 (22) | 208/230/460 | 120 (3.4) | 1,896 (860) | 1 |
| DSP-37A6 II | 100 (0.69) | 50 (37) | 208/230/460 | 162 (4.6) | 2,249 (1,020) | 1½ |
| DSP-45A6 II | 100 (0.69) | 60 (45) | 230/460 | 205 (5.8) | 2,734 (1,240) | 1½ |
| DSP-55A6 | 100 (0.69) | 75 (55) | 230/460 | 226 (6.4) | 2,734 (1,240) | 1½ |

Dimensions

| Model | Length | Width | Height |
|-------------|--------------|------------|--------------|
| | inch (mm) | inch (mm) | inch (mm) |
| DSP-15A6 II | 65.0 (1,650) | 38.2 (970) | 55.1 (1,400) |
| DSP-22A6 II | 65.0 (1,650) | 38.2 (970) | 55.1 (1,400) |
| DSP-37A6 II | 70.1 (1,780) | 38.6 (980) | 59.1 (1,500) |
| DSP-45A6 II | 70.1 (1,780) | 38.6 (980) | 59.1 (1,500) |
| DSP-55A6 II | 70.1 (1,780) | 38.6 (980) | 59.1 (1,500) |



Notes:

1. Performance of the compressor package measured in accordance with ISO 1217, Third Edition, Annex C.
2. Main voltage specification is NOT multi-rating.
3. The appearance and specifications are subject to change without prior notice.
4. Hitachi Compressors are not designed, intended or approved for Breathing Air Applications. Hitachi assumes no responsibility or liability for compressors used in breathing air applications.

Hitachi Industrial Equipment Systems Co., Ltd.

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Innovation through Technology

Purity of Air Compression

- PTFE-Free coatings ensure air purity. (Patent Japan P3740178)
- Stainless steel rotors eliminate possibility of corrosion and promote adhesion of coatings.

Hi-Precooler (Patent USP 04929161)

- Stainless Hi-Precooler protects aluminum after cooler.
- Maximize thermal efficiency of the cooling system.

Energy Efficiency

Hitachi Innovative Design

- (Patent Japan P3740178 and USP 04952125)
- Hitachi original rotor profile with PTFE-Free coatings designed to optimize clearances for increased performance.
- Tolerances maintained for increased efficiency.

Environmentally Friendly

Oil Mist Remover (Patent USP 05011388)

- Eliminates environmental emissions
- Promotes purity of air compression
- Recaptures oil mists (No waste)

Industry Leading Sound

- Quiet enclosure standard
- Design for the minimization of leak paths

Versatility of Design

Control Design

- Lead/Lag (2 Units) is standard.
- Instantaneous Power Interruption (IPI) restart is standard.

Space Saving

- Unit is smaller in overall dimension.
- Panel accessibility promotes space conservation.

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