

**30-50 HP (22-37kW) Oil Free
Fixed Speed Air Cooled Two Stage**

HITACHI
Inspire the Next

**Oil Free Rotary
Air Compressors**

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Fixed Speed Air Cooled Two Stage **30-50 HP (22-37kW)**

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-22AT6I	100 (0.69)	30 (22)	208/230/460	127 (3.6)	2,315 (1,050)	1 1/2
	125 (0.86)			114 (3.2)		
DSP-30AT6I	100 (0.69)	40 (30)	208/230/460	162 (4.6)	2,535 (1,150)	1 1/2
	125 (0.86)			144 (4.1)		
DSP-37AT6I	100 (0.69)	50 (37)	208/230/460	175 (5.0)	2,535 (1,150)	1 1/2
	125 (0.86)			162 (4.6)		

Dimensions

Model	Length	Width	Height
	inch (mm)	inch (mm)	inch (mm)
DSP-22AT6I	70.1 (1,780)	38.6 (980)	59.1 (1,500)
DSP-30AT6I	70.1 (1,780)	38.6 (980)	59.1 (1,500)
DSP-37AT6I	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.



127 – 175 ACFM / 100 psig (3.6 – 5.0 m³/min / 0.69MPa)
114 – 162 ACFM / 125 psig (3.2 – 4.6 m³/min / 0.86MPa)

Innovation through Technology

Purity of Air Compression

- PTFE-Free coatings ensure air purity. (Patent Japan P3740178)
- Stainless steel 1st and 2nd stage rotors eliminate possibility of corrosion and promote adhesion of coatings.

Hi-Precooler (Patent USP 04929161)

- Stainless Hi-Precooler protects aluminum inter 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.

Hitachi Industrial Equipment Systems Co., Ltd.

Hitachi America Ltd.
www.hitachi.us/airtech



ISO14001 EC97J1107
ISO9001 JQA-QM3443

Hitachi Screw Compressor is manufactured at a factory approved by Environmental Standard (ISO 14001) and Quality Standard (ISO 9001) of International Organization for Standardization.