

**60-125 HP (45-90kW) Oil Free
Fixed Speed Water Cooled Two Stage**

HITACHI
Inspire the Next

**Oil Free Rotary
Air Compressors**

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Fixed Speed Water Cooled Two Stage 60-125 HP (45-90kW)

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-45WT6 II	100 (0.69)	60 (45)	230/460	258 (7.3)	3,307 (1,500)	1 1/2
	125 (0.86)			216 (6.1)		
DSP-55WT6 II	100 (0.69)	75 (55)	230/460	290 (8.2)	3,307 (1,500)	1 1/2
	125 (0.86)			257 (7.3)		
DSP-75W6 II	100 (0.69)	100 (75)	460	441 (12.5)	4,630 (2,100)	2 (Flange)
	125 (0.86)			396 (11.2)		
DSP-90W6 II	100 (0.69)	125 (90)	460	576 (16.3)	5,623 (2,550)	2 (Flange)
	125 (0.86)			516 (14.6)		

Dimensions

Model	Length	Width	Height
	inch (mm)	inch (mm)	inch (mm)
DSP-45WT6 II	70.1 (1,780)	45.3 (1,150)	60.2 (1,530)
DSP-55WT6 II	70.1 (1,780)	45.3 (1,150)	60.2 (1,530)
DSP-75W6 II	82.7 (2,100)	47.2 (1,200)	60.2 (1,530)
DSP-90W6 II	110.2 (2,800)	47.2 (1,200)	60.2 (1,530)



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.

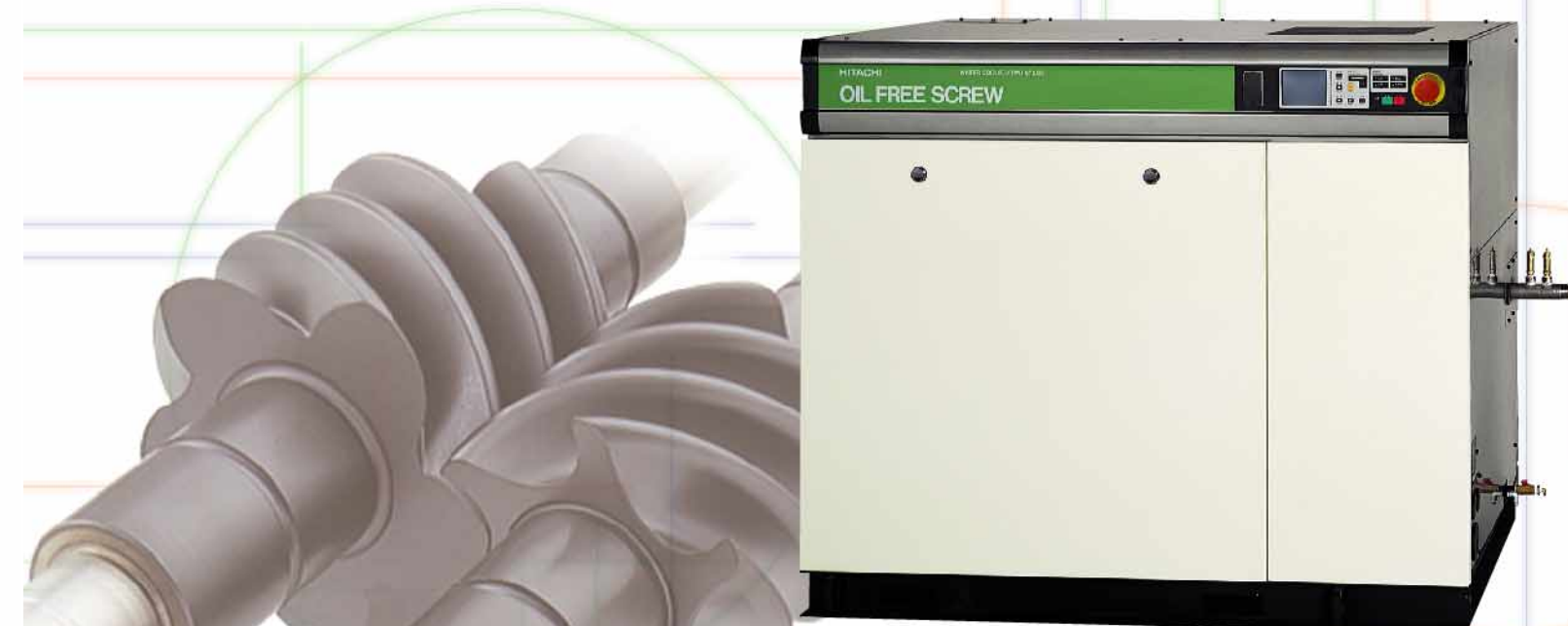
Hitachi Industrial Equipment Systems Co., Ltd.

Hitachi America Ltd.
www.hitachi.us/airtech



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

Printed in Japan(H) 1006 Form HC-E116-04



258 – 576 ACFM / 100 psig (7.3 – 16.3 m³/min / 0.69MPa)
216 – 516 ACFM / 125 psig (6.1 – 14.6 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.

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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