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CS2-TD 1 phase

COMPRESSOR



SUPER QUIET NOISE LEVELS

# Direct Drive Rotary Screw Compressor

2.2kw 240v single phase 4kw - 7.5kw 415v three phase 10 – 35cfm



# ADVANCED DIRECT DRIVE ROTARY SCREW COMPRESSOR TECHNOLOGY AT AN AFFORDABLE PRICE

Compressor Systems is pleased to introduce the latest in advanced compressed air technology. Our new direct drive rotary screw CS range is reliable, quiet and affordable. The smallest of the range starts with a single phase screw compressor at 2.2kw (15amp), then goes up to a 4kw and 7.5kw 415v 3 phase option. All CS models have a 10b working pressure.

## WHAT OUR CS RANGE DELIVERS:

- Super Quiet Operation as low as 59dBa Perfect for installing inside a workplace or garage
- Affordably Priced Comparable pricing to many quality reciprocating compressors.
- **Reliable and Durable Advanced Technology** Simple design and layout with robust BSC rotary screw airends.
- Low maintenance cost Periodical change of filters and oil. No belts to change.
- Compact & Versatile Small foot print with tank mount and all in one air dryer options.



#### **CS** SERIES

## **KEY FEATURES INCLUDE:**

- ✓ 2.2kw 15amp 240v Direct Drive Rotary Screw
- ✓ 4 & 7.5kw 415v Direct Drive Rotary Screw
- 10 bar max pressure
- ✓ 10CFM to 35CFM Flow
- Direct drive (no belts)
- ✓ Single & three phase power options
- Energy saving intelligent micro controller
- Eaton electrical components
- ✓ SKF bearings in airend and motor
- Air receivers comply with Australian Standard AS1210
- Overload, pressure and temperature safety protection
- Large oversized coolers designed for Australian conditions
- Seamless steel used on all oil pipes (no hoses)



# STATE-OF-THE-ART TOUCH CONTROLLER





# **DIRECT DRIVE AIRENDS**

The CS range is fitted with BSC airends and have patented made rotors, SKF bearings and European made Teflon oil seals. These high quality components ensure high efficiency, long running and low noise/ vibration of the airend.

### THERE ARE 2 STYLES OF BSC AIRENDS IN THE CS COMPRESSORS:



ENCAPSULATED DIRECT DRIVE AIREND – MODELS CS2 & 4

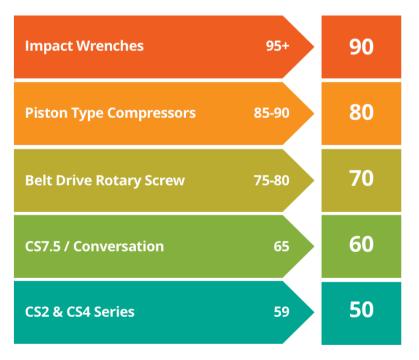


STANDARD DIRECT DRIVE AIREND – MODEL CS7.5

# **CS SERIES QUIET NOISE LEVELS**

Our CS range is one of the quietest industrial grade compressors available. With a sound level that is rated at a similar level to a conversation, it is perfect for installing inside a factory, workshop or garage!





#### **CS** SERIES

# **CS SERIES ALL IN ONE (TD) COMPRESSOR DESIGN**

The new CS Range can be purchased in an all-in-one configuration. It's a compact design consisting of the compressor, air tank, refrigeration air dryer and pre & post air filtration.

- LARGE-CAPACITY AIR TANK CS2, 4 and 7.5 = 320L
- **REFRIGERATION AIR DRYER** keeps the dew point down to 3-6°C, removing moisture from the compressed air.
- **PRE & POST FILTRATION** of particles down to 0.01 micron and oil removal.
- **COMPACT FOOTPRINT** for more efficient usage of your valuable floor space.

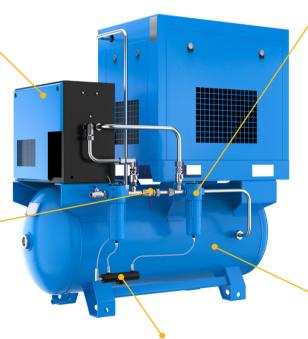


### **Risheng dryer:**

- Proven in Australia's harshest environments for over 12 years.
- Compact design with energy-efficient features.
- Ultra-quiet, highdurability refrigeration compressor.

### Seamless Steel Bypass System: •

The airline installation design includes a bypass and condensate manifold system which saves you money on installation costs. The refrigeration air dryer is NOT integrated with the CS compressor and is fitted with a bypass system, so if any issues arise with the dryer, it is easily removed without interrupting your air supply.



### WASTE CONDENSATE Manifold:

Waste condensate is neatly piped into a manifold which comes out of one exit point to be fitted to either an oil water separator or waste oil container.

### Filtration:

Manufactured from high-quality glass fibre and diecast aluminium components, the filter effectively removes any dirt particles and pollutants in the air. The housing has full corrosion protection, and the filter shell surfaces are anodic oxidation treated and coated with epoxy resin. The design is user friendly, making it easy to replace the filter elements.

# 320L Large capacity air tank:

The use of a large-capacity air tank will minimise the compressor exhaust's periodic pulsing airflow, stabilise the pressure in the compressor air pipe, lower the air compressor's start frequency, protect the air compressor, and reserve air all at once.



# **CONFIGURATIONS:**



Base Mount – CS7.5 only



Tank Mount: CS2 & 4 Models 270L Tanks AS1210 registered



All in one TD (Compressor / Refrigeration Dryer / Filtration / Air Tank) CS2 / 4 /7.5 models 320L Tank AS1210 registered

### **CS TECHNICAL SPECIFICATION**

Model	Volt	KW	HP	Bar	CFM	Tank	Outlet Size	Dimensions L*W*H (mm)	Weights	dBA @ 1m (+3)
CS2-T	240V	2.2	3	10B	10	270L	3/4"	1347 x 540 x 1480	240KGS	59
CS2-TD	240V	2.2	3	10B	10	320L	1/2"	1491 x 736 x 1466	320KGS	59
CS4-T	415V	4	5.5	10B	13	270L	3/4"	1347 x 540 x 1480	250KGS	59
CS4-TD	415V	4	5.5	10B	13	320L	1/2"	1491 x 736 x 1466	330KGS	59
CS7.5	415V	7.5	10	10B	35		3/4"	900 x 650 x 870	205KGS	65
CS7.5-TD	415V	7.5	10	10B	35	320L	1/2"	1491 x 787 x 1543	370KGS	65

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