



# PORTABLE DIESEL AIR COMPRESSORS

AIRMAN 55 CFM - 400 CFM

Engineered for Australian Conditions

COMPLETE AIR &  
POWER SOLUTIONS

CELEBRATING

# 40

1980-2020





# AIRMAN BOX TYPE.

## AN AUSTRALIAN FAVOURITE

CAPS has been the exclusive national distributor of AIRMAN for over 15 years, establishing itself as a leader for box type compressors and a major player in the towable market. Our extensive knowledge of the Australian market coupled with AIRMAN's precision-engineered Japanese reliability ensures that your investment delivers consistent performance, even in Australia's harsh climate conditions.

With a strong following and great resale value, the AIRMAN range is known for quiet operation and efficient performance. Our box type compressors are easily mountable on trucks and trailers and come available with a full range of options, custom-engineered in CAPS Perth-based manufacturing facility.

If your AIRMAN air compressor requires servicing, CAPS 24/7 nationwide service network is only a phone call away. CAPS expert technicians can keep your air compressor running in peak condition, potentially saving you thousands of dollars in replacement or breakdown costs.

Regardless of the size that you require, AIRMAN provides a standard or aftercooled model to suit your needs. We can also fit any of those models to a licenced plant trailer.



# AIRMAN AFTERCOOLED AIR UNITS.

## Do you need to reduce moisture in your air?

The AIRMAN PDS-C series feature an integrated aftercooler to cool, condense and remove moisture in the compressed air. The discharged air from PDS-C contains only a small amount of water. This functionality proves its true value in many applications including chipping and sandblasting.



Do you get moisture in your pipes?



Is moisture affecting your sand blasting?

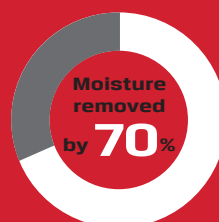


Do you get air bubbles in your paint?



Do your air tools freeze up in winter?

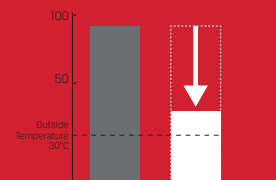
### Eliminate moisture from the discharged air



Based on: Atmospheric pressure, 30°C, 70%RH 100PSI

### Reduce the temperature of the discharged air

The discharged air temperature decreased by 50°C



Based on: Atmospheric pressure, 30°C, 70%RH full load

# AIRMAN FEATURES.



AIRMAN box type compressors have been specifically designed for heavy duty outdoor work. They are ideal for mounting on trucks, utilities and trailers. They can also be craned or even helicoptered to the job site. A long reputation for durability and reliability has made AIRMAN the top selling box style diesel compressor in Australia. When there is important work to be done, more Australian companies depend on an AIRMAN box type compressor than any other brand.

## Here's why Airman are #1 for box style diesel compressors:

- Easy to operate with clear operating instructions.
- Strong & durable lockable cabinets.
- Larger low speed air ends producing more air.
- Super low noise levels.
- Typically larger fuel tanks for longer run times.
- Lockable fuel doors or filler caps.
- Auto bleed electric fuel pump for easy starting.
- External drain points for hassle free fluid changes.
- Wide opening doors for easy service access.
- Genuine Japanese built quality engines.
- Over 40 years of research and development.
- Japanese ISO 9001 quality assured factory.
- Widest range of models and options to choose from.
- Long 7 year/10,000hrs air end warranty (conditions apply)\*



### \*10,000HRS OR 7 YEAR WARRANTY

1 year / 1,500 hour manufacturer's warranty plus 6 year / 8,500 hour (whichever occurs first) warranty by CAPS for the compression air end when continuously serviced at the recommended intervals with compressor fluid and filters supplied by CAPS.

## We adapt our products according to your needs.



## CAPS fully support everything we sell with our local service and parts teams.

## FLEXIBLE FINANCE OPTIONS.

Having the right equipment and assets is crucial for the growth of any business. Through our trusted partner, we not only provide short and long-term funding for your equipment, but can tailor our finance to suit your specific budget or requirements.

The best equipment does not have to be out of reach - explore CAPS range of finance options to drive your business forward.



**STANDARD  
PRESSURE.**



Model		PDS55S-5C1	PDS80S-5C5	PDS80L-5C5	PDS100S-5C5	PDS100L-5C5
Aftercooled Model			PDS80SC-5C5	PDS80LC-5C5	PDS100SC-5C5	PDS100LC-5C5
Configuration				Leak Guard		Leak Guard
Specifications		UOM				
Free Air Delivery	m <sup>3</sup> /min (cfm)	1.6 (55)	2.3 (80)	2.3 (80)	2.8 (100)	2.8 (100)
Working Pressure	kPa (psi)	700 (100)	700 (100)	700 (100)	700 (100)	700 (100)
Max. Working Pressure	kPa (psi)	825 (120)	825 (120)	825 (120)	825 (120)	825 (120)
Engine						
Make		IHI Shibaura	Kubota		Kubota	
Model		E673L-D	D902-K3A		D1105-K3B	
Type		4 cycle water cooled, swirl chamber				
No. of Cylinders		3				
Displacement	cc	761	898		1,123	
Output	PS(kW)/rpm	14 (10.5)/3,200	23.1 (17)/3,600	23.1 (17)/3,600	26.1 (19.2)/3,400	26.1 (19.2)/3,400
Fuel		Diesel/Biofuel B5				
Fuel Tank Capacity	l	18	25	33	28	33
Battery	v	12				
Dimensions						
Length	mm	1,420	1,500	1,520	1,580	1,625
Width	mm	720	770	770	770	800
Height	mm	820	865	880	865	905
Net Dry Weight (A/C)	kg	320	400 (405)	420 (430)	460 (470)	515 (525)
Operating Weight (A/C)	kg	350	435 (440)	460 (470)	500 (510)	555 (565)
Air Outlets	(M) Male (F) Female	1 x 3/4" (M) 1x3/8 fitting	2 x 3/4" (M)			
Noise Level						
Noise Level	dB(A) @7m	66	66	67	67	67



### New LEAK GUARD models

Leak-Guard models are equipped with a factory built integrated bund to protect the environment from fluid leakages. An alarm is displayed on the controller when the containment tank is 1/3 full. Aftercooler equipped Leak-Guard models also have a fully contained condensate storage tank. CAPS can fit locally fitted bunds to all other models.

Model		PDS130S-5C3	PDS185S-5C5	PDS265-5B2	
Aftercooled Model		PDS130SC-5C3	PDS185SC-5C5	PDS265SC-5B2	PDS390SC-5C1
Specifications		UOM			
Free Air Delivery	m <sup>3</sup> /min (cfm)	3.7 (130)	5.2 (185)	7.5 (265)	11.3 (400)
Working Pressure	kPa (psi)	700 (100)	700 (100)	700 (100)	700 (100)
Max. Working Pressure	kPa (psi)	825 (120)	825 (120)	825 (120)	825 (120)
Engine					
Make		Yanmar		Yanmar	Isuzu
Model		3TNV88-BDHK	4TNV88-BXDHKSR	4TNV98T-NHK	CI-4JJIX
Type		Direct Injection		Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled
No. of Cylinders		3	4	4	4
Displacement	cc	1,642	2,189	3,319	2,999
Output	PS(kW) / rpm	36.5 (26.9)/3,000	47.5 (34.9)/3000	83.2 (61.2)/2,500	114.8 (84.4)/2,200
Fuel		Diesel/Biofuel B5			
Fuel Tank Capacity	l	70	90	115	180
Battery	v	12			24
Dimensions					
Length	mm	1700	1,970	2,050	2,680
Width	mm	890	950	1,200	1,300
Height	mm	1080	1,080	1,250	1,400
Net Dry Weight (A/C)	kg	640 (650)	755 (765)	1,150 (1,180)	1,700 (1,740)
Operating Weight (A/C)	kg	720 (730)	850 (860)	1,290 (1,320)	1,910 (1,950)
Air Outlets	(M) Male (F) Female	2 x 3/4" (M)	3 x 3/4" (M)	1 x 2" (F), 4 x 3/4" (M)	
Noise Level					
Noise Level	dB(A) @7m	66	68	69	70



# HIGH PRESSURE.



Model		PDSF75S-5C1	PDSF100S-5C3	PDSF140S-5C3	PDSF210S-5C3	PDSF315S-5C1
Aftercooled Model			PDSF100SC-5C3	PDSF140SC-5C3	PDSF210SC-5C3	PDSF315SC-5C1
Specifications		UOM				
Free Air Delivery	m <sup>3</sup> /min (cfm)	2.1 (75)	2.8 (100)	4 (140)	6.0 (210)	8.9 (315)
Working Pressure	kPa (psi)	1,035 (150)	1,035 (150)	1,035 (150)	1,035 (150)	1,035 (150)
Max. Working Pressure	kPa (psi)	1,035 (150)	1,035 (150)	1,035 (150)	1,035 (150)	1,035 (150)
Engine						
Make		IHI Shibaura	Yanmar			Isuzu
Model		S773L-D	3TNV88-BDHK	4TNV88-BX-DHKSR	4TNV98T-NHK	CI-4JJ1X
Type		4 cycle water cooled, swirl chamber	Direct-Injection		Direct-Injection, Turbo-Charged	Direct-Injection, Turbo-Charged, Intercooled
No. of Cylinders		3		4	4	4
Displacement	cc	1,131	1,642	2,189	3,318	2,999
Output	PS(kW) / rpm	35.1(25.8)/3,000	36.6(26.9)/3,000	47.5(34.9)/3,000	83.2(61.2)/2,500	114.8(84.4)/2,200
Fuel		Diesel/Biofuel B5				
Fuel Tank Capacity	l	28	70	90	115	180
Battery	v	12				24
Dimensions						
Length	mm	1,580	1,700	1,970	2,050	2,680
Width	mm	750	890	950	1,200	1,300
Height	mm	865	1,080	1,080	1,310	1,400
Net Dry Weight (A/C)	kg	440	640 (650)	740 (750)	1,150 (1,170)	1,700 (1,740)
Operating Weight (A/C)	kg	480	720 (730)	840 (850)	1,290 (1,310)	1,910 (1,950)
Air Outlets	(M) Male (F) Female	2 x 3/4" (M)	2 x 3/4" (M)	3 x 3/4" (M)	1 x 2" (F), 4 x 3/4" (M)	
Noise Level						
Noise Level	dB(A) @7m	65	65	65	69	70

# CUSTOM OPTIONS.



CAPS has its own ISO 9001 certified manufacturing facility that can modify a compressor to suit your needs. Even the toughest mine site specifications can be met. Below are a number of custom modifications that can be applied to your AIRMAN compressor.



- |  |   |  |                                       |
|--|---|--|---------------------------------------|
| <b>1</b> HIGH DUST FILTRATION (EXT. AND INTRNL.) | <b>2</b> BATTERY JUMP START                     | <b>3</b> FIRE EXTINGUISHER/FIRE SUPPRESSION SYSTEM | <b>4</b> SAFETY RELEASE RADIATOR CAPS |
| <b>5</b> CUSTOM GRAPHICS/ SAFETY LABELS          | <b>6</b> AFTERCOOLER AND WATER SEPARATOR SYSTEM | <b>7</b> ENVIRONMENTAL CONTAINMENT BASES           | <b>8</b> EXHAUST LAGGING              |
| <b>9</b> LOCKABLE BATTERY ISOLATOR               | <b>10</b> EMERGENCY STOP BUTTON                 | <b>11</b> EXHAUST SPARK ARRESTOR                   |                                       |

## ACCESSORIES

- |  |  |  |
|--|--|--|
| <ul style="list-style-type: none"> <li>• Hoses &amp; Hose Reels</li> <li>• Safety Couplings</li> <li>• Claw Couplings</li> </ul> | <ul style="list-style-type: none"> <li>• Safety Fuses</li> <li>• Lubricators</li> <li>• Air Treatment</li> </ul> | <ul style="list-style-type: none"> <li>• Safety Whip Checks</li> <li>• Air Distribution Manifolds</li> <li>• Filtration Equipment</li> </ul> |
|--|--|--|

## TOOLS

- |   |  |  |
|---|--|--|
| <ul style="list-style-type: none"> <li>• Paving Breakers + Rock Drills</li> <li>• Impact Wrenches</li> <li>• Chipping Hammers</li> <li>• Rivet Busters</li> </ul> | <ul style="list-style-type: none"> <li>• Air Grinders, Scabblers + Scrapers</li> <li>• Air Drills + Saws</li> <li>• Double Diaphragm Pumps</li> <li>• Rammers + Tampers</li> </ul> | <ul style="list-style-type: none"> <li>• Air Hoists + Winches</li> </ul> |
|---|--|--|

# GET IN TOUCH.

**24/7 SUPPORT:** 1800 800 878

**WEBSITE:** CAPS.COM.AU

**SHOP:** CAPSSHOP.COM.AU

**EMAIL:** INFO@CAPS.COM.AU

## BRANCH LOCATIONS

PERTH (HEAD OFFICE) | KALGOORLIE | MELBOURNE | SYDNEY  
NEWCASTLE | ADELAIDE | BRISBANE | MACKAY | DARWIN

## DO YOU NEED A TOWABLE OR LARGER SOLUTION?

Request a brochure from your local sales representative!



## SOLVING YOUR AIR AND POWER CHALLENGES.