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MACKAY

Visit our website for more information on the complete Airman range
www.capsaustralia.com.au



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AIRMAN®

PORTABLE DIESEL AIR COMPRESSORS

BOX TYPE



TRAILER MOUNTED



LARGE MOBILE



TEL 1800 800 878

PERTH MELBOURNE SYDNEY ADELAIDE NEWCASTLE BRISBANE KALGOORLIE DARWIN MACKAY

C A P S A u s t r a l i a P t y L t d

The Airman box style of compressor has been specifically designed for today's dynamic workplace demands and for applications that require the compressor to be mounted easily on vehicles and for operating or storing in limited space.

Its compact and lightweight design makes it the perfect compressor to mount on the back of any Ute or service vehicle.

BOXTYPE

Recently, the Airman box type compressor has become extremely popular with mining contractors and maintenance teams who prefer to truck mount their compressors.

The compressor features a compact regular cabinet, lower weight and normally don't require a skid.

FUEL ECONOMY

With today's rising petrol prices, it helps to have a compressor that makes air with maximum fuel efficiency.



CONVENIENT ACCESS AND STORAGE

Easy to open cabinet style doors mounted on the side of the compressor makes daily maintenance simple.

- The perfect compressor for dynamic workplaces or businesses.
- Its design focuses on reliability, efficiency and profitability.
- Airman's superior design is sure to impress.



AIRMAN®

QUIET EFFICIENT PROFITABLE



One of the world's largest manufacturers of diesel compressors, Airman's superior engineering is well suited to Australia's climatic conditions.

MODEL	PDS75S -5B2	PDS75SC-5B2	PDS100S-5B2	PDS100SC-5B2	PDS130-5B2	PDS130SC-5B2	PDS175S-5B2	PDS175SC-5B2	PDS265S-5B1	PDS265SC-5B1	PDS390S-5B1	PDS390SC-5B1	PDS390S-5B1F	
		With after cooler		With after cooler		With after cooler		With after cooler		With after cooler		With after cooler		
COMPRESSOR														
Free Air Delivery	cfm	75	75	100	100	130	130	175	175	265	265	390	390	310
Working Pressure	psi	100	100	100	100	100	100	100	100	100	100	100	100	150
Comp.Oil capacity	L	11	11	11	11	14	14	16	16	33	33	50	50	50
ENGINE														
Make & Model	Shibaura S753-C	Shibaura S753-C	Shibaura S773L	Shibaura S773L	Shibaura N843L	Shibaura N843L	Nissan 2A-TD27	Nissan 2A-TD27	Nissan 2B-BD30T	Nissan 2B-BD30T	Isuzu DD-4B1-T	Isuzu DD-4B1-T	Isuzu DD-4B1-T	
Type	4 cycle, water cooled, direct injection	4 cycle, water cooled, direct injection	4 cycle, water cooled, direct injection	4 cycle, water cooled, direct injection	4 cycle, water cooled, direct injection	4 cycle, water cooled, direct injection	4 stroke, water cooled direct injection	4 stroke, water cooled direct injection	4 cycle, water cooled, direct injection with turbo charger	4 cycle, water cooled, direct injection with turbo charger	4 cycle, water cooled, direct injection with turbo charger	4 cycle, water cooled, direct injection with turbo charger	4 cycle, water cooled, direct injection with turbo charger	
No. of cylinders	3	3	3	3	3	3	4	4	4	4	4	4	4	
Displacement	cc	954	954	1,131	1,131	1,662	2,663	2,663	2,953	2,953	4,390	4,329	4,329	
Output	KW	15.2	15.2	19	19	28	38	38	62	62	80.9	80.9	80.9	
Speed at max. power	rpm	3,500	3,500	3,500	3,500	3,000	2,600	2,600	2,700	2,700	2,400	2,400	2,400	
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	
Fuel tank capacity	L	28	28	28	28	70	90	90	114	114	180	180	180	
Lubricating oil capacity	L	4.5	4.5	5.1	5.1	6	12	12	10	10	13	13	13	
Coolant capacity	L	4.3	4.3	4.5	4.5	6.6	8.5	8.5	11	11	13	13	13	
Battery	V	12V	12V	12V	12V	12V	12V	12V	12V	12V	24V	24V	24V	
DIMENSIONS														
Length	mm	1,580	1,580	1,580	1,580	1,700	1,970	1,970	2,000	2,000	2,600	2,600	2,725	
Width	mm	750	750	750	750	890	950	950	1,140	1,140	1,300	1,300	1,300	
Height	mm	865	865	865	865	1,060	1,060	1,060	1,210	1,210	1,400	1,400	1,400	
Net Dry Weight	kg	425	435	435	445	680	800	830	1,075	1,085	1,655	1,710	1,675	
Operating Weight	kg	465	475	475	485	760	900	930	1,220	1,235	1,870	1,925	1,890	
Air Outlets		2 x 3/4 BSP	2 x 3/4 BSP	2 x 3/4 BSP	2 x 3/4 BSP	2 x 3/4 BSP	3 x 3/4 BSP	3 x 3/4 BSP	1 x 2 3/4 x 3/4 BSP	1 x 2 3/4 x 3/4 BSP	1 x 2 3/4 x 3/4 BSP	1 x 2 3/4 x 3/4 BSP	1 x 2 3/4 x 3/4 BSP	
NOISE LEVEL														
Noise Level at 7 m	dB(A)	64	64	66	66	67	66	67	69	69	69	69	68	

Airman Compressors are made to the highest standards to deliver reliable air power *wherever* it is required.

Locally manufactured trailers are only used, which ensures that they fully comply with Australian standards.

TRAILERMOUNTED

CONVENIENT ACCESS AND STORAGE

Gull wing style doors allow easy one-hand operation. Large, lockable doors with gas struts virtually lift themselves for easy access to tool storage and service components.



AIRMAN®

DURABLE & RELIABLE

Powder coated finish with stainless steel hardware
Optimised power transmission- engine is directly coupled to the airend.

MAINTENANCE MADE EASIER AND FASTER

Side by side radiator and oil cooler makes the Airman Compressor easier to clean and more efficient. External oil/air filter together with cartridge-type fuel filter enable service time and costs to be kept to a minimum. Water and engine oil are removed from the outside of the machine.

All maintenance areas are designed for ease of inspection, maintenance and repair.

ENVIRONMENT

Airman Compressors have a low noise level of 65dBA at 7metres when idling. They also meet tough EPA Tier 2 emission standards.

ELECTRICAL FUEL PRIMER & AIR BLEED (EFPA) PUMP

The air is automatically primed and bled out of the system without opening injector lines if the compressor runs out of fuel. This results in reduced downtime and service calls.

NO TOOLS REQUIRED

Due to hand operated compressor oil and fuel drains.

DOUBLE ELEMENT AIR CLEANER

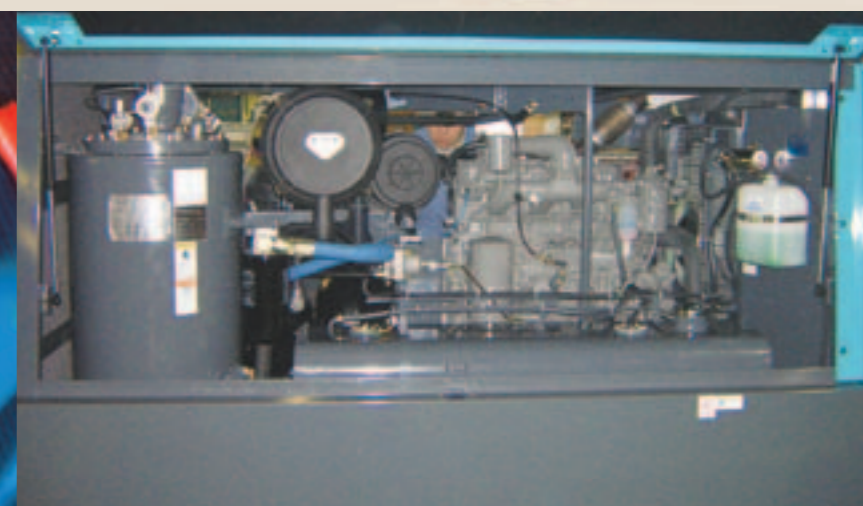
Prevents dust from entering when replacing elements.

Airman's superior engineering is well suited to Australia's climatic conditions.

QUIET
EFFICIENT
PROFITABLE



MODEL		PDS100S-6B4	PDS130S-6B4	PDS185S-6B4	PDS400S-6B1
COMPRESSOR					
Free Air Delivery	cfm	100	130	177	400
Working Pressure	psi	100	100	100	100
Comp. Oil Capacity	L	14	14	16	51
ENGINE					
Make & Model		Shibaura S773L-C	Shibaura N843L-C	Nissan TD27	Isuzu DD-4BG1-T
Type		4 cycle, water cooled, pre-chamber type	4 cycle, water cooled direct injection type	4 cycle, water cooled pre-chamber type	4 cycle, water cooled direct injection type with turbo charger
No. of Cylinders		3	3	4	4
Displacement	cc	1,131	1,662	2,663	4,329
Output	KW	20.2	28	38	80.9
Speed at Max Power	rpm	3,425	3,000	2,600	2,400
Fuel		Diesel	Diesel	Diesel	Diesel
Fuel Tank Capacity	L	70	70	90	165
Lubricating Oil Capacity	L	4.9	6	12	13
Coolant Capacity	L	4.5	6.5	8.5	13
Battery	V	12V	12V	12V	24V
DIMENSIONS					
Length	mm	2,680	2,680	3,226	3,600
Width	mm	1,450	1,450	1,450	1,975
Height	mm	1,395	1,395	1,395	1,720
Net Dry Weight	kg	790	880	1,020	1,820
Operating Weight	kg	865	960	1,125	2,020
Air Outlets		2 x $\frac{3}{4}$ BSP	2 x $\frac{3}{4}$ BSP	2 x $\frac{3}{4}$ BSP	1x $1\frac{1}{4}$, 2x $\frac{3}{4}$ BSP
NOISE LEVEL					
Noise Level at 7m	dB(A)	68	70	70	74



FEATURES

- Conveniently located rear service valves. Valves and diagnostic/ gauge panel is standard.
- Solid steel gull wing design.
- Powder coated with stainless steel hardware and sound attenuated.
- Large lockable compartments.
- Large efficient airend.
- Heavy duty leaf spring running gear provides smooth and stable towing.
- Exterior separator filter.
- Australian compliant lights.
- 'A' frame draw bar.
- Easy access to filters and exterior drains reduces service time and cost.

Developed for those who need large amounts of reliable air in demanding environments.

LARGEMOBILE

EASY HANDLING & OPERATION

Quick glow system shortens preheating time and offers superior cold weather starting.

Key-on type main switch enables easy quick start at all times.

Fuel tanks in the Airman Large Mobile range span from 270L to a huge 700L capacity for long run times between refills.



GAUGES

- Discharge air pressure gauge
- Tachometer with hour meter
- Compressor discharge air temperature gauge
- Engine coolant temperature gauge
- Fuel meter
- Starter switch
- Emergency stop button
- Starting unloader valve
- Glow lamp
- Differential pressure gauge
- Panel light switch

AIRMAN®

WARNING SIGNALS FOR:

- Engine oil pressure
 - Engine coolant temperature
 - Discharge air temperature
 - Engine speed down
 - Battery charger
 - Engine air filter clogging*
 - Compressor air filter clogging*
 - Compressor oil filter clogging*
 - Separator clogging*
- *except PDS6555, 750S, F530S



QUIET
EFFICIENT
PROFITABLE

EMERGENCY STOP DEVICES

- Oil pressure switch
- Discharge air temperature switch
- Compressor oil temperature switch
- Engine speed down switch



MODEL	PDS460S-4B2	PDSF530S-4B2	PDS655S-4B2	PDS750S-4B1	PDSG750S-403	PDSJ750S-401	PDSF830-411	PDSE900S-411	PDSF920/G820S-4B1	PDSH850/J750S-4B1 variable flow/pressure	PDSK900S-422 variable flow/press	PDSG1300S-5B1
COMPRESSOR												
Free Air Delivery	cfm	460	530	655	750	750	830	883	920/820	850/750	900	1,271
Working Pressure	psi	185	150	100	100	185	300	150	150/185	250/300	350	185/150
Comp.Oil Capacity	L	80	80	80	80	110	90	105	120	120	120	220
ENGINE												
Make & Model	Hino JO8C-V	Hino JO8C-V	Hino JO8C-V	Hino JO8C-UT	Hino K13C-TJ	Hino K13C-TJ	Mitsubishi 6D24TE1	Mitsubishi 6D24-TE1	Mitsubishi 6D24-TLE2A	Mitsubishi 6D24-TLE2A	Mitsubishi S6B3-PTA	Mitsubishi S6B3-PTA
Type	4 cycle, Water cooled, direct injection type	4 cycle, Water cooled, direct injection type	4 cycle, Water cooled, direct injection type	4 cycle, Water cooled, direct injection type	4 cycle, Water cooled, direct injection, turbo charged	4 cycle, Water cooled, direct injection, turbo charged with intercooler	4 cycle, Water cooled, direct injection, turbo charged with intercooler	4 cycle, Water cooled, direct injection, turbo-charged,	4 cycle, Water cooled, direct injection, turbo charged with intercooler	4 cycle, Water cooled, direct injection, turbo charged with intercooler	4 cycle, Water cooled, direct injection, turbo charged with intercooler	4 cycle, Water cooled, direct injection, turbo charged with intercooler
No. of cylinders	6	6	6	6	6	6	6	6	6	6	6	6
Displacement	cc	7,961	7,961	7,961	7,961	12,882	12,882	11,945	11,945	11,950	11,950	14,600
Output	kW	118	118	118	145	232	228	206	206	238/235	238/235	327.3
Speed@max power	rpm	2,500	2,500	2,500	2,100	2,000	2,000	2,200	2,200	2,200/2,000	2,200/2,000	1,800
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel tank capacity	L	270	270	270	315	400	560	400	400	555	555	700
Lubricating oil capacity	L	23	23	23	23	60	67	54	54	49	49	85
Coolant Capacity	L	29	29	29	29	56	41	45	45	45	45	55
Battery	V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V
DIMENSIONS												
Length	mm	3,650	3,650	3,650	3,650	4,000	4,300	4,000	4000	4,300	4,300	4,650
Width	mm	1,685	1,685	1,685	1,685	1,900	1,900	1,900	1900	2,000	2,000	1,870
Height	mm	2,070	2,070	2,070	2,070	2,130	2,230	2,130	2130	2,445	2,445	2,050
Net Dry Weight	kg	2,850	2,890	2,850	2,950	3,900	4,700	3,900	3800	4,650	5,050	7,100
Operating Weight	kg	3,190	3,230	3,190	3,300	4,400	5,350	4,400	4300	5,300	5,650	8,000
Air outlets		1 x 2", 2 x 3/4" BSP	1 x 2", 2 x 3/4" BSP	1 x 2", 2 x 3/4" BSP	1 x 2", 2 x 3/4" BSP	1 x 2", 2 x 3/4" BSP	1 x 2", 1 x 3/4" BSP	1 x 2", 2 x 3/4" BSP	1 x 2", 1 x 3/4" BSP	1 x 2", 1 x 3/4" BSP	1 x 2", 1 x 3/4" BSP	1 x 2", 1 x 3/4" BSP
NOISE LEVEL												
Noise Level at 7m	dB(A)	73	73	73	73	75	76	75	75	75	75	76