



# ANA

We make your world easier.

# AIRMAN.®

## MOBILE AIR COMPRESSORS

**Built to Perform in Any Environment**



**Run with the best. Run with AIRMAN.**

## // World Class Support You Can Count On

ANA not only manufactures and sells the industry's highest-quality equipment, we back it with full-service support for AIRMAN® and Hokuetsu OEM products. Our expert service team is available 24/7 to keep your fleet running strong, offering on-call technical assistance, fast parts processing, warranty support, and hands-on product training.

ANA's digital Knowledge Base provides access to a comprehensive library of AIRMAN® technical documents, along with SmartEquip®, the leading platform for fleet parts and service information.

# SmartEquip®



## // Optional Accessories

ANA stocks a wide variety of genuine AIRMAN® compressor parts and model-specific accessories.

- Battery Wrap / Blanket
- Engine Block Heater
- CCV Heater
- Heated Fuel Filter
- Heater Regulator
- Telematics
- Quick Fit Oil EVAC - RPM
- Lower Radiator Hose Heater
- Single 50' - 3/4" Hose Reel\*
- Single 100' - 3/4" Hose Reel\*
- Dual 50' - 3/4" Hose Reel\*
- Dual 50' - 1" Hose Reel\*

\*Hoses not included

## // Why Choose ANA?

For over 80 years, AIRMAN® has set the standard in durable, high-performance mobile air compressors. With CFM options from 100 to 750 and pressure ratings of 100, 150, and 200 PSI, AIRMAN® offers single and dual-pressure models, including the industry workhorse, PDS185S. Built around AIRMAN's bulletproof air end and direct-drive technology, these compressors deliver maximum air volume, best-in-class power transfer, and ultra-quiet operation (62-76 dBA at 23'). Select models run up to 10 hours for full-day productivity and offer optional built-in aftercoolers.

## // Productivity

- Superior efficiency air end reduces air supply lag time
- Easily accessed curbside filter servicing
- Remote fluid drains for painless fluid maintenance
- Jack stand with wheel makes for easy jobsite transport

## // Serviceability

- Large access doors provide ample space for servicing
- Intuitive diagnostics aid in troubleshooting
- More than 95% of service issues resolved by phone
- 93% same-day parts fulfillment from ANA

## // Cost of Ownership

- Extreme air end and engine control efficiency provide up to 20% in fuel savings
- Extremely long lasting machines that won't quit

## // Return on Investment

- Rolled corners prevent damage and prevent corrosion
- Stainless steel hardware
- Air end efficiency reduces wear on engine
- Heavy duty construction improves resale value

# Built to Perform in Any Environment.



## AIRMAN® Value-Added Features

**Large Gullwing Doors**  
Excludes PDS185L

**Durable Electro-Deposition Powder Coated Finish**

**Control Panel with Key or Push-Button Start**

**QuiTech™ Sound Attenuation and Automotive Door Seals with Lockable Access Doors**

**Emergency Stop Button**  
On models PDS310 and up

**Stainless Steel Hardware**

**Quick Access Air Connections**

**Easy Access Service Drains**

**Curbside Filter Servicing**



## Only ANA has the Industry's Highest-Quality Air Compressors

# Explore our AIRMAN Mobile Air Compressors

## PDS100S-6E1

Kubota® 24.8HP

100cfm

100PSIG • 68dBA • 10HR • 1,625lbs



## PDS185L-5E1

Yanmar® 47.6HP

185cfm

100PSIG • 62dBA • 10HR • 2,205lbs



## PDS185S-6EZ1

Isuzu® 45.2HP

185cfm

100PSIG • 62dBA • 10HR • 2,620lbs



## PDSG310DP-6E1

Kubota® 110.4HP

310cfm

150/200PSIG • 76dBA • 8.5HR • 4,275lbs



## PDSG375DP-6E1

Kubota® 110.4HP

375cfm

100/150PSIG • 76dBA • 9.4HR • 4,233lbs



## PDS400S-6E1

Kubota® 110.4HP

400cfm

100PSIG • 76dBA • 10HR • 4,012lbs



## PDSF750DP-6E1

Kubota® 195.1HP

750cfm

100/150PSIG • 76dBA • 9.5HR • 8,774lbs



# AIRMAN® Compressor Jobsite Performance

On the jobsite, downtime is expensive. Delays cut into profits, compliance adds risk, and crews need tools they can trust.

That's why AIRMAN® delivers reliable air power to keep projects moving and teams productive, no matter the industry.



## Irrigation

Contractors use compressed air to protect sprinkler systems from freezing damage.



## Concrete

Crews depend on consistent airflow to power tools and shotcrete applications.



## Oil & Gas

Mobile air power for sandblasting and backup when on-site systems fail.



## Telecom

Providers speed up fiber optic installation with dependable compressed air.

Across multiple industries, AIRMAN® helps crews get more done with less downtime, fewer interruptions, and peace of mind, knowing air power is always there when it's needed most.

**Run with the best. Run with  
AIRMAN.®**



## // E2: Where Performance Meets Sustainability

AIRMAN's exclusive E2 airflow technology delivers unmatched efficiency and sustainable performance, standard on every AIRMAN® compressor. Engineered to optimize direct-drive power transfer, E2 minimizes energy loss with fewer moving parts, reducing wear while maximizing durability.

Ideal for industrial and construction sites, AIRMAN compressors feature ECO and AUTO ECO modes that intelligently adjust engine RPM based on load:

### ► **ECO Mode:**

Lowers idle speed below 1400 RPM during light-load operation, cutting fuel consumption and noise pollution.

### ► **Auto Eco Mode**

Briefly holds 1800 RPM, then drops to 1400 RPM during extended unloading, reducing fuel use during high-demand cycles.

E2 technology ensures precise, linear air regulation that matches airflow to engine speed for maximum fuel efficiency. Combined with built-in features like oil fences for 110% fluid containment (PDS185L model), AIRMAN® compressors deliver powerful output with a significantly reduced environmental footprint.

# // Specifications



COMPRESSOR SPECIFICATIONS		PDS100S-6E1	PDS185S-6EZ1	PDS185L-5E1	PDSG310DP-6E1	PDSF375DP-6E1	PDS400S-6E1	PDSF750DP-6E1
COMPRESSOR TYPE	Single-stage, oil cooled, screw-type	Single-stage, oil cooled, screw-type	Single-stage, oil cooled, screw-type	Dual-pressure, oil cooled, screw-type	Dual-pressure, oil cooled, screw-type	Single-stage, oil cooled, screw-type	Dual-pressure, oil cooled, screw-type	
FREE AIR DELIVERY	100cfm	185cfm	185cfm	310cfm @ 150psi 270cfm @ 200psi	375cfm @ 100psi 330cfm @ 150psi	400cfm	750cfm @ 100psi 630cfm @ 150psi	
WORKING PRESSURE	100psig	100psig	100psig	150psig	100psig	100psig	100psig	
WORKING PRESSURE, MAX	120psig	120psig	120psig	230psig	175psig	120psig	165psig	
WORKING PRESSURE, MIN				58psig				
AIR RECEIVER TANK CAPACITY	5.3gal	5.55gal	5.3gal	20.3gal	20.3gal	20.3gal	43gal	
AIR OUTLETS	3/4" x 2	3/4" x 2	3/4" x 2	2" x 1, 3/4" x 2	2" x 1, 3/4" x 2	2" x 1, 3/4" x 2	2" x 1, 3/4" x 2	
ENGINE COUPLING TYPE	Direct Coupling	Direct Coupling	Direct Coupling	Rubber Coupling	Rubber Coupling	Rubber Coupling	Rubber Coupling	
LUBRICATION SYSTEM TYPE				Forced lubrication by compressed pressure				
LUBRICATION CAPACITY	2.9gal	3.96gal	2.9gal	10.6gal	10.6gal	10.6gal	17.4gal	
OIL COOLER TYPE				Separate side by side oil cooler and radiator				
SEPARATION FILTER	Internal	External	External	Internal	Internal	Internal	Internal	
ENGINE SPECIFICATIONS								
ENGINE	Kubota D1005-E48	Isuzu 4LE2T	Yanmar 4TNV88C-HHKS	Kubota V3800	Kubota V3800	Kubota V3800	Kubota V5009	
EPA EMISSION LEVEL				EPA Tier 4 Final				
ENGINE TYPE	Water-cooled, 3 cycle, direct-injection, Tier 4 Final, and CARB compliant	Water-cooled, 3 cycle, direct-injection, Tier 4 Final, and CARB compliant	Water-cooled, 3 cycle, direct-injection, Tier 4 Final, and CARB compliant	Water-cooled, 3 cycle, direct-injection, turbocharged, intercooled, EGR, DOC+DPF; SCR, Tier 4 Final and CARB compliant	Water-cooled, 3 cycle, direct-injection, turbocharged, intercooled, EGR, DOC+DPF; SCR, Tier 4 Final and CARB compliant	Water-cooled, 3 cycle, direct-injection, turbocharged, intercooled, EGR, DOC+DPF; SCR, Tier 4 Final and CARB compliant	Water-cooled, 4 cycle, direct-injection, turbocharged, intercooled, EGR, DOC+DPF; SCR, Tier 4 Final and CARB compliant	
NUMBER OF CYLINDERS	3	4	4	4	4	4	4	
DISPLACEMENT	61.08 cu in (1.001L)	133 cu in (2.179L)	133.6 cu in (2.189L)	230 cu in (3.769L)	230 cu in (3.769L)	230 cu in (3.769L)	306.2 cu in (5.01L)	
HORSEPOWER	24.8 HP	45.2 HP	47.6 HP	110.4 HP	110.4 HP	110.4 HP	195.1 HP	
LOW IDLE	1400 - 1800 rpm	1250 rpm	1350 rpm	1300 rpm	1300 rpm	1350 rpm	1100 - 1300 rpm	
HIGH IDLE	3200 rpm	2400 rpm	3000 rpm	2400 - 2700 rpm	2400 - 2700 rpm	2400 - 2700 rpm	1900 - 2200 rpm	
FUEL TANK CAPACITY	10.6gal	23.8gal	25.0gal	47.0gal	47.0gal	47.0gal	87.0gal	
ENGINE COOLANT CAPACITY	1.1gal (4.1L)	2.38gal	1.8gal	4.1gal	4.1gal	4.1gal	7.8gal	
ENGINE OIL CAPACITY	1.2gal (4.5L)	2.22gal	1.95gal	3.4gal	3.4gal	3.4gal	5.0gal	
BATTERY TYPE / ELEC SYSTEM	85D28R 12V System	95D31R 12V System	95D31R 12V System	130F51 12V System	130F51 12V System	130F51 12V System	904Dx2 24V System	
BATTERY RATING	525 CCA, 75Ah	565 CCA, 80Ah	565 CCA, 80Ah	695 CCA, 120Ah	695 CCA, 120Ah	695 CCA, 120Ah	1050 CCA, 180Ah	
FUEL CONSUMPTION								
FULL LOAD	1.6gal / hr	2.4gal / hr	2.4gal / hr	5.47gal / hr	5.0@100psi, 5.1@150psi	4.62gal / hr	9.1@100psi, 8.6@150psi	
70% LOAD	1.0gal / hr	1.7gal / hr	1.7gal / hr	N/A	3.75@100psi, 3.8@150psi	N/A	6.2@100psi, 6.3@150psi	
NO LOAD	0.6gal / hr	0.8gal / hr	0.8gal / hr	N/A	2.5@100psi, 2.5@150psi	N/A	3.0@100psi, 4.5@150psi	
ECO-IDLE	0.5gal / hr	N/A	N/A	N/A	N/A	N/A	N/A	
WEIGHTS & DIMENSIONS								
LxWxH W/O TOWING FRAME	64" x 39" x 37"	77.8" x 66.3" x 42.3"	79" x 33" x 45"	106" x 57" x 58"	106" x 55" x 60"	106" x 55" x 60"	141.7" x 64.2" x 63"	
LxWxH W/ TOWING FRAME	120" x 56" x 55"	129" x 67" x 61"	N/A	174" x 57" x 69"	174" x 57" x 69"	174" x 57" x 69"	203.9" x 88.6" x 87.6"	
WEIGHT W/ TOWING FRAME	1,515lbs	2,300lbs	N/A	3,975lbs	3,975lbs	3,975lbs	8,774lbs	
OPERATING WEIGHT	1,625lbs	2,520lbs	2,205lbs	4,275lbs	4,233lbs	4,012lbs	7,694lbs	
DRY WEIGHT	1,179lbs	2,100lbs	1,985lbs	3,780lbs	3,737lbs	3,550lbs	6,812lbs	
OPERATION								
AMBIENT TEMP, MIN				5°F				
INCLINE, MAX				15°				
SOUND LEVEL	68dBA	62dBA	62dBA	76dBA	76dBA	76dBA	76dBA	



**ANA**  
We make your world easier.

SOLD AND SERVICED BY

Learn More About ANA  
at [anacorp.com](http://anacorp.com), or by  
scanning the QR Code

Cypress, CA // Henderson, NV // Spartanburg, SC

Executive Offices // 1770 Raiders Way, Henderson, NV 89052

1 (562) 450-3570 // [sales@anacorp.com](mailto:sales@anacorp.com) // [www.anacorp.com](http://www.anacorp.com)

\*Specifications shown are subject to change without notice.  
Please contact ANA, Inc. for current specifications and model information.

ACMFV01.26