ANA

We make your world easier.

AIRMAN®

MOBILE AIR COMPRESSORS

Built to Perform in Any Environment

Run with the best. Run with AIRMAN.

ANACORP.COM

// 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

QuieTech™ Sound Attenuation and Automotive Door Seals with Lockable Access Doors

Stainless Steel Hardware

Emergency Stop Button
On models PDS310 and up

Easy Access Service Drains

Quick Access Air Connections

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

PDSF375DP-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®

AIRFLOW TECHNOLOGY by 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.

Learn More About ANA at anacorp.com, or by scanning the QR Code

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

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