AIRMAN. MOBILE AIR COMPRESSORS

PD51855



PERFORMANCE //

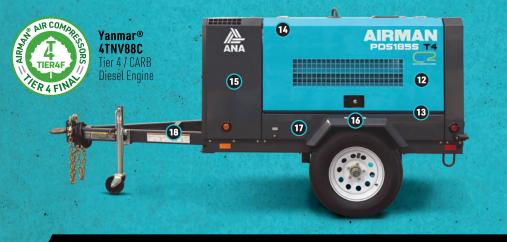
- 1 Key Start & Digital Monitor
- 2 Quick Access Air Connections
- 3 Direct Coupled Engine to Air
- 4 QuieTech™ Sound Attenuation
- 5 E2 Airflow Technology
- 6 Interior Storage Compartment

MAINTENANCE //

- 7 Large Gullwing Doors
- 8 Curbside Filter Servicing
- 9 Seperator Receiver Tank
- 10 Air End & Engine Filters
- 11 Curbside Service Drains
- 12 Compressor Oil Filter

CONSTRUCTION //

- 13 Automotive Door Seals
- 14 Stainless Steel Hardware
- 15 Powder-coated Steel Enclosure
- 16 Lockable Access Doors
- 17 23.8 Gallon Fuel Tank
- 18 Heavy-Duty Steel Tow Trailer



185 cfm @ 100 psi



1 | Keyed Start and Digital Monitor with Auto Idle Mode



2 | Air Connections 3/4" Male Ball Valve x 2



11 | Exterior Service Drains Quick drain valves for Engine Oil and Oil Cooler fluids



6 | Interior Storage Compartment Holds a 90# breaker or other air tools

BEST-IN-CLASS POWER TRANSFER // FUEL EFFICIENCY // dBA RATING THE INDUSTRY'S HIGHEST-QUALITY MOBILE AIR COMPRESSORS

AIR COMPRESSOR MODEL PDS185S-6E1



AIR COMPRESSOR SPECIFICATIONS	PDS185S-6E1	
COMPRESSOR TYPE	Single-Stage Oil Cooled, Screw Type	
PRESSURE 185 CFM @ 100 PSI	oligie olage on obolea, ociew type	
ACTUAL FREE AIR DELIVERY	185 cfm	
WORKING PRESSURE	100 psig	
WORKING PRESSURE (MAXIMUM)	120 psig	
WORKING PRESSURE (MINIMUM)	58 psig	
COMPRESSOR LUBRICATING OIL CAP.	3.96 gal	
COMPRESSOR LUBRICATING SYSTEM	Forced Lubrication by Compressed Air	
DRIVING SYSTEM	Direct Drive Gear Coupling	
RECEIVER TANK CAPACITY	5.55 g/min	
AIR SERVICE VALVES	3/4" Male Ball Valve x 2	
SEPERATION FILTERS	Oil Separator Filter	
OIL COOLER TYPE	Air Pressurized Tube and Fin	
COMPRESSOR OIL FILTER	Spin-on Cartridge Type	
SOUND dBA RATING	62 dBA	
ENGINE MAKE & MODEL	YANMAR® 4TNV88C-DHKS	
ENGINE TYPE	Water-cooled, 4-cycle, Direct Injection, Diesel	
ASPIRATION	Naturally Aspirated	
NUMBER OF CYLINDERS	4	
ENGINE DISPLACEMENT	133.6 cu in	
HORSEPOWER RATING (@3000 RPM)	45.6 HP / 34.0 kW	
SAE BRAKE HORSEPOWER (@3000 RPM)	47.6 HP / 35.5 kW	
OPERATING SPEED (LOW IDLE)	1350 rpm	

3000 rpm

OPERATING SPEED (HIGH IDLE)

ENGINE MAKE & MODEL (Continued)	YANMAR® 4TNV88C-DHKS	WEIG
EPA TIER 4F	Tier 4 Final, Model Year 2023	LEN
CARB EMISSION CERTIFIED	EPA & CARB Certification	DRY
EMISSIONS TIER	EPA Tier 4 Final	OPE
	Electropic Central Medule	LEN
	Electronic Control Module, PTOX-DPF DOC,	WD
EMISSIONS TYPE	Electronic Direct Injection, EGR	HEIG
FUEL TANK CAPACITY	23.8 gal	TOW
FUEL FILTER QUANTITY/ TYPE	1 Pre-filter/Sedimenter, 1 Fuel Filter	LEN
FUEL PUMP	Fuel Air-bleeding Electromagnetic Pump	LEN
DIESEL EXHAUST FLUID (DEF) CAPACITY	Not Required	WID
DEF CONSUMPTION	Not Required	HEIG
ENGINE OIL CAPACITY	1.95 gal	OPE
COOLANT CAPACITY	1.93 gal	TOW
ELECTRICAL SYSTEM - VOLTAGE	12V, 40A Alternator	TRA
BATTERY RATING	565 CCA / 80 Ah	WHE
BATTERY GROUP	95D31R, 12V	NUM
AMBIENT TEMPERATURE (MIN./MAX.)	5°F to 104°F, Humidity <80%	BRA
OPERATING ALTITUDE (MAXIMUM)	4,921 ft	LIGH
RUNTIME (FULL LOAD / 70% LOAD)	10 hrs / 14 hrs	ADJI
CONTAINMENT	No Fluid Containment	COMP
FUEL CONSUMPTION		FLU
FULL LOAD	2.4 gal/hr	USA
70% LOAD	1.7 gal/hr	CSA
NO LOAD	0.8 gal/hr	TRA
		DIES

WEIGHTS & DIMENSIONS		
LENGTH x WIDTH x HEIGHT	76" x 49" x 45"	
DRY WEIGHT	2,050 lbs	
OPERATING WEIGHT	2,271 lbs	
LENGTH	76"	
WIDTH	49"	
HEIGHT	45"	
TOWING PACKAGE		
LENGTH x WIDTH x HEIGHT	132" x 68" x 62"	
LENGTH	132"	
WIDTH	68"	
HEIGHT	62"	
OPERATING WEIGHT w/TOWING (GVWR)	2,620 lbs	
TOWING SPEED (MAXIMUM)	65 mph - Conditions Permitting	
TRACK WIDTH	58"	
WHEEL SIZE - TIRE RATING	ST205/70R14C / 1,760 lbs @ 50 psi	
NUMBER OF AXLES / RATING	1 Spring Axle / 3500 lbs	
BRAKING TYPE	Not Required by FMVSS	
LIGHTING TYPE	LED	
ADJUSTABLE HITCH HEIGHT	3-Position	
COMPLIANCE & CERTIFICATIONS		
FLUID CONTAINMENT	No Fluid Containment	
USA DOT COMPLIANT	Meets FMVSS	
CSA LISTED	Not CSA Listed	
TRANSPORT CANADA COMPLIANT	Transport Canada Compliant	
DIESEL ENGINE EPA TIER LEVEL	Tier 4 Final & CARB Compliant	

All specifications are subject to change without prior notice. Visit **anacorp.com** for the most current information.



© 2023 Alliance North America, Inc. All rights reserved. Airman® is a registered trademark of Hokuetsu Industries Co. Ltd. All other trademarks are property of their respective owners. Form AMAC185SREV0523