



# BOSSAIR 185G PTO Drive

Underdeck Rotary Screw Air Compressor/Generator

When you need it all!



STANDARD

FAN COOLED  
TOTALLY ENCLOSED



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# BOSSAIR 185G PTO Drive I

Underdeck Rotary Screw Air Compressor/Generator

The BOSSAIR 185G is a revolutionary-in-1 package that includes a constant 85 or 185 CFM output rotary screw underdeck air compressor, 6.5 or 10kW A/C generator, operated of a single power take-off (PTO) opening.

The BOSSAIR 185G uses no belts, but a direct gearbox drive. It has a dual input shaft allowing flexibility for either clockwise or counter-clockwise rotating PTOs with one compressor package.

The BOSSAIR 185G is the answer to driving all your equipment needs in one flexible and simple gearbox design..

- **Frees up the tow hitch.**
- **Takes up no bed space** - BOSSAIR PTO air compressor/Generator systems are mounted under deck.
- **Fewer parts** - Compared to its towable or cross-mount counterparts.
- **Only one engine to maintain** - Simplifies preventive maintenance.
- **Cost efficient** - No need for additional licensing fees or insurance.

## SPECIFICATIONS

### COMPRESSOR

Delivery @ 110 psig**	125 CFM	160 CFM	185 CFM
Input speed to compressor shaft (RPM)	1450	1875	2160
Fluid capacity (gallons)	4.75	4.75	4.75

Note: input speeds may vary depending on chassis application.

\*Hydraulic drive option available. Consult factory.

\*\*125 and 150 PSIG available. Consult factory.

### COMPONENTS

COMPONENTS	BOSSAIR 185
Compressor air-end	10" W x 8"H x 15"L
Receiver sump	10" dia x 20" L
Spin-on coalescer	5" dia x 13" H
Front mount cooler assembly***	1 1/2"W x 18"H x 24 1/2"L
Gauge package	4 3/4"W x 3"H x 8"L
Weight (dry)	285 lbs

\*\*\*Remote mount 12v DC cooler assembly available. Consult factory.

## The B-CAN Compressor Control System



### DURABLE. CAPABLE. RELIABLE

The B-CAN is a remote compressor control system featuring a 3.5 inch fully sunlight viewable screen that is menu based for service and diagnostic information.

- USB interface allows quick and easy software updates.
- Internal buzzer to alert operators of warnings and shutdowns.
- Plug-and-go solution for displaying J1939 engine and transmission data.
- Service interval alarms.
- Robust polycarbonate case with IP67 rating.
- Fully-seated Deutsch electrical connectors.
- Dual B-CAN option available.

### GENERATOR

GENERATOR	Standard	
Output (kW)	6.5kW	10.0kW
Weight (lbs)	79	123
Height	10.9"	10.9"
Width	11.5"	11.5"
Length	16.8"	16.8"
Voltage	120 or 120/240 Single Phase	120 or 120/240 Single Phase
Input Speed (RPM)	1800	1800

### GENERATOR

GENERATOR	Totally Enclosed Fan Cooled	
Output (kW)	6.5kW	10.0kW
Weight (lbs)	152	152
Height	12.3"	12.3"
Width	11.8"	11.8"
Length	22.15"	22.15"
Voltage	120 or 120/240 Single Phase	120 or 120/240 Single Phase
Input Speed (RPM)	1800	1800



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