



BOSSAIR H85/H185 PTO Drive

Hydraulic Driven Underdeck Rotary Screw Air Compressor

When you utilize a BOSS® PTO
air compressor on your crew trucks...



...you gain a decisive edge!

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engineered **AIR** systems

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Hydraulic Driven Underdeck Rotary Screw Air Compressor

The *BOSSAIR H85* and *H185* design allows you the option to choose any cfm output up to 85cfm utilizing the *BOSSAIR H85* or up to 185cfm with the *BOSSAIR H185*. By simply adjusting the engine speed control, the compressor will produce the cfm continuously. Once the *BOSSAIR PTO* is engaged, engine torque and horsepower are transmitted to the air compressor via a properly designed hydraulic system. The speed control for the compressor modulates according to air demand, which offers fuel savings, as well as, reduces wear and tear on the vehicle's engine. When the job is complete, simply disengage the *BOSSAIR PTO* and continue to the next job site.

Because the *BOSSAIR PTO* air compressor components become an integral part of the vehicle and are mounted below the body, it offers many advantages you cannot get when using conventional air compressors.

- **Frees up the tow hitch**
- **Takes up no body space**
- **Fewer parts** - Compared to its towable or cross-mount counterparts
- **Light weight** - Less than 300lbs for the *H85* and 440lbs for the *H185*
- **Only one engine to maintain** - Simplifies preventive maintenance
- **Cost savings** - No need for additional licensing fees or insurance

SPECIFICATIONS

COMPRESSOR	MODEL <i>BOSSAIR H85 PTO*</i>				
Delivery @ 110psig**	35cfm	45cfm	60cfm	85cfm	100cfm
Input speed RPM to compressor (T8G 3.69:1)	1110	1395	1830	2500	3000
Standard Motor "A" GPM @ 2400 PSI**	8.1	10.1	13.3	18.2	XX.X
Standard Motor "B" GPM @ 1900 PSI**	10.6	13.3	17.4	23.8	27.6

COMPRESSOR	MODEL <i>BOSSAIR H185 PTO*</i>			
Delivery @ 110psig**	100cfm	125cfm	160cfm	185cfm
Input speed RPM to compressor (3.05:1)	1200	1450	1875	2160
Input GPM @ 2200 PSI for <i>BOSSAIR H185**</i>	24.4	29.4	38.0	43.8

**Hydraulic calculations include 85% mechanical efficiency and 96% volumetric efficiency. Note: input speeds may vary depending on chassis application. 125psig and 150psig available. Consult factory.

COMPONENTS	<i>BOSSAIR H85</i>	<i>BOSSAIR H185</i>
Compressor air-end	10" W x 16" H x 18" L	10" W x 8" H x 15" L
Receiver sump	12" dia x 22" L	12" dia x 22" L
Spin-on coalescer	5 1/2" dia x 12" H	5 1/2" dia x 12" H
12vdc remote cooler assembly***	27" W x 16 3/4" H x 19 1/4" L	27" W x 16 3/4" H x 19 1/4" L
Gauge package	3 3/4" W x 4 1/4" H x 3" L	3 3/4" W x 4 1/4" H x 3" L
Weight (dry)	300lbs.	440lbs.

***24vdc is available.



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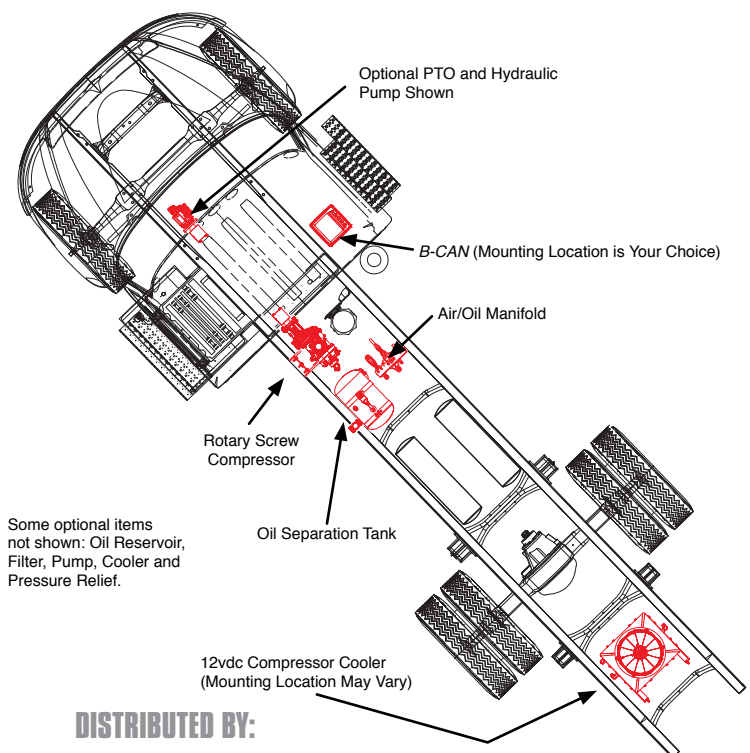
The B-CAN Compressor Control System



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-sealed *Deutsch®* electrical connectors
- Dual *B-CAN* option available.



DISTRIBUTED BY:

Specifications subject to change without notice.

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