# MINIMUM SPECIFICATIONS FOR BOSSAIR BA440 RECIPROCATING AIR COMPRESSOR

Quantity of one (1) Boss Model BOSSAIR BA440 to include the following as standard equipment:

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| **COMPRESSOR** | |
| * BOSS single stage, air cooled, 4-cylinder, pressure lubricated reciprocating air compressor. Aluminum compressor assembly for lighter weight and higher thermal efficiency * No cast iron compressor assembly acceptable  |  |  |  |  | | --- | --- | --- | --- | | **CFM/PSI** | **RPM** | **GPM** | **HYD PSI** | | 30/100 (150 max) | 1,150 | 8 | 1,850 (2,100 max) | | 35/100 (150 max) | 1,400 | 10 | 1,850 (2,100 max) | | 40/100 (150 max) | 1,650 | 12 | 1,850 (2,100 max) |  * Integrated hydraulic system cooler to handle air compressor GPM flow * Compressor to be pressure lubricated via oil pump * Splash lubrication only is not acceptable * Integrated solenoid and relief valve incorporated into the compressor package   ***Type:***  Above deck, hydraulically driven reciprocating air compressor rated at 40 CFM up to 100 PSI; BA440 system is to run intermittently | |
| ***Capacity:***  Up to 85 CFM @ 110 PSIG continuously | |
| ***Drive System:***  Direct coupled, gear-type hydraulic motor to compressor input shaft.  No belt drive allowed | |
| ***Air Feed:***  200 psi 1/2” – 3/4” air feed downstream of the BA 440 air out is required | |
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| ***Air Reservoir:***  Minimum 22 Gallon Air Reservoir required | |
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| ***Operating Slope:***  20 deg. Maximum operating slope in any direction | |
| ***Manual:***  To include operation, maintenance and warranty information | |
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| **FINISH** | |
| Enclosure to be durable, light weight, powder-coat painted and rust resistant aluminum. Galvanneal sheet metal not acceptable | |
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| **WARRANTY** | |
| * 18 months – see warranty statement | |
| **COOLING** | |
| * 12VDC electric 14” fan assembly integrated into package for compressor head cooling and single pass hydraulic system cooler * Cooling air intake must not see air temperatures above ambient * Cooling air discharge must have 10” clearance from any obstructions * Ambient temperature for operation should be below 100°F (38°C) * The machine may experience high temperature shutdown above this level | |
| **SERVICE** | |
| Routine maintenance items accessible without removal of canopy | |
| **PACKAGING** | |
| Dimensions | 26 ½” L x 19 ⅛”H x 19 ¾”W |
| Weight | Not to exceed 180 lbs |