# 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

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| **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
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| **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
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| **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 |