

'LB' COMPRESSOR SERIES FEATURES

STANDARD ON EVERY 'LB' SERIES COMPRESSOR

Ductile Iron Cylinder and Head are Standard on all Models. Ductile Iron is stronger, much more resistant to thermal shock, and more corrosion resistant than ordinary cast iron.

O-Ring Seals Between the Cylinder and Head are Standard on all Models. O-rings in place of flat gaskets eliminate leakage and maintenance problems.

Valves: Case Hardened Steel Seats and Bumpers with Stainless Steel Discs and Springs are Standard on all Models. Tough steel valves with corrosion resistant stainless steel discs and springs are easily removable for service without disturbing the piping.

Valves: Simple Design Allows for Easy Repair and Reconfiguration. Blackmer valves are easily repaired and assembled by users service personnel. Additionally, suction valves can easily be reconfigured as a discharge valve, and vice versa - simplifying stocking of spare parts.

One Piece Piston with Single Positive Locking Nut. The one-piece ductile iron or steel piston and single positive locking nut are both stronger and simpler than multi-piece designs with numerous fasteners.

Pressure Assisted PTFE Piston Rings for Positive Sealing. A special chamfer ensures pressure behind the ring to provide maximum sealing efficiency with minimal friction wear.

No Packing Adjustment Nut. The Blackmer spring loaded packing never requires adjustment. No expensive scored rods due to over tightened packing!

Wear Resistant Crosshead Assemblies. The ductile iron crossheads feature special machined lubrication channels and ports to provide extensive lubrication of the crosshead and guide. Wear is minimized and galling is eliminated.

Pressure Lubricated Crankcase is Standard on all Models. An oil pump directly driven by the crankshaft ensures positive lubrication of all bearing surfaces. The oil pump is self-reversing for either direction of rotation and is available with an external automotive type oil filter for extra protection.

Forged Steel Fittings are Standard on all 'TU' and 'LU' Mountings. All tees, ells, and crosses used in Blackmer compressor piping assemblies are forged steel (2000# or better).

Standard Liquid Traps are Repairable and Easily Upgraded. The trap may be easily opened for inspection and cleaning of the interior and replacement of the stainless steel float. Every trap includes a 1½" NPT opening for a high liquid level switch which can be added at any time.

14 Gauge Steel Belt Guard on all Mounted Units. Complete with a support brace, the heavy gauge guard is extremely strong yet easily removable for access to the V-belts.

Epoxy Paint is Standard. Every Blackmer compressor is thoroughly cleaned then painted with a coat of high grade Dover Blue two part epoxy paint.



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