

## AIR COOL

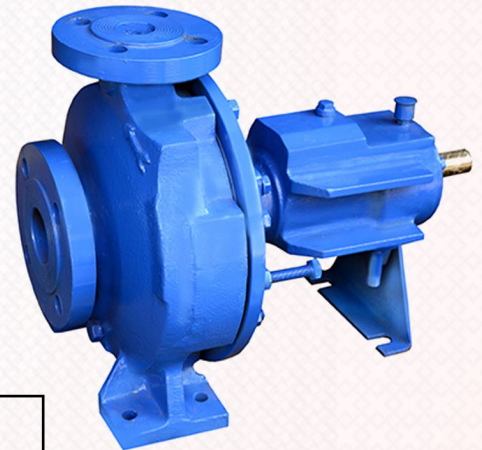
Jay Khodiyar Eng. Works has manufactured heavy-duty Air Cooled Pumps for high-temperature applications. It is cost-effective with specially designed fins for natural convection.

To drop the pressure on the sealing and to balance axial thrust, the impellers have back radial blades. There is a thermal resistant soft packing seal behind the impeller. It slows down the leakage and prevents the pumping to be stopped if there is mechanical seal damage.

Air cooled pump designed by Jay Khodiyar Eng. Works represent the highest quality and most effective air cooled industrial pump in the market.

### SALIENT FEATURES:

- Closed impeller is hydraulically thrust compensated and dynamically balanced.
- Maintenance is very much easier
- Maximum interchangeability of components
- No need to cool the pump externally
- The shaft is designed according to the minimum heat transfer criteria.



Operating Range	
Capacity	up to 360 m <sup>3</sup> /hr
Head	up to 100 Meter
Pressure	up to 10 kg/cm <sup>2</sup>
Size	32 mm to 125 mm
Speed	up to 3500 rpm
Temp	up to 350 C
M.O.C.	Grey Cast Iron, Cast Steel, Alloy Cast Steel, S.S 304, S.S 316 etc.



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## **APPLICATION:**

- Thermic Fluid handling
- Hot Oil Transfer
- Edible oil Applications
- Plastic Industry
- Synthetic Oil Transfer
- Baking and heating applications
- Paper Industry
- District Heating System
- Mineral Oil Industry
- Various Chemical Industries
- Textile Industry
- Food and drug industry
- Sugar Industries
- Pharmaceutical Industries

## **TECHNICAL SPECIFICATION:**

Type: End-Suction, Horizontal, Single Stage, Air Cooled Pump – Thermic fluid pump.



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