

HyTec Cooler D-Model: Elevator Hydraulic Fluid Cooling for Dry Type Reservoirs

HyTec Elevator Hydraulic Fluid Coolers Reduce Fluid Temperatures

The Noren HyTec Cooler D-Model provides very effective fluid cooling for elevator systems with typical dry type hydraulic reservoirs. D-Models utilize a barrier to divert all hot return fluid through the HyTec cores before it is drawn back into the pump. This barrier, a kind of 'fence' is constructed of rectangular tubing and angle material. The center section of the barrier (the section holding the HyTec cores) is the same size in all cases. The barrier 'wings' are adjustable to fit each application and designed to closely fit to the walls of the reservoir to maximize hot fluid flow through the HyTec cores. The fluid's heat is absorbed by the HyTec Heat Pipe cores and quickly transferred up the cores, out of the reservoir, then dissipated by the fans into the room. This system provides an economical, efficient and low maintenance solution for hydraulic overheating issues.

Custom units available- call to discuss

STANDARD MODEL = 16,600 BTU/hr@40* ^t
 HIGH POWER MODEL = 24,900 BTU/hr@40* ^t

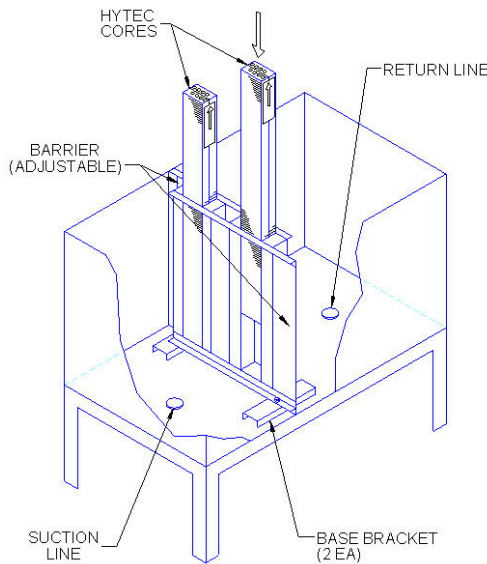


Figure 1

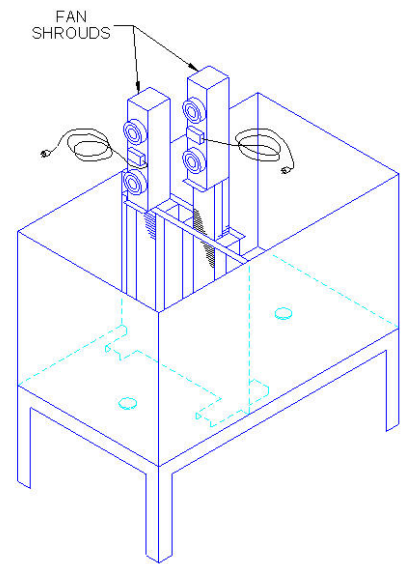


Figure 2

D-MODEL	
STANDARD: # D-112D	HIGH POWER: # D-222D
(2) 53" Cores	(4) 53" Cores
(2) Shroud with 2 fans (.23 amps per fan, 115VAC)	(2) Shroud with 2 fans (.23 amps per fan, 115VAC)
(1) Barrier with adjustable 'wings'	(1) Barrier with adjustable 'wings'



Noren also offers:
 Heat exchangers for cooling sealed electrical control panels and enclosures.

Compact Cabinet Coolers

- Energy Efficient
- Low Maintenance
- Easy to Installing
- Seal the panel from outside contaminants



This document is subject to change without notice.

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Installation of the HyTec Cooler D-Model for dry type reservoirs is fast and easy

1. Disconnect the hydraulic unit from the electrical supply.
2. Remove existing reservoir cover.
3. Install the HyTec barrier as shown in **Figure 1**. Position of the barrier may vary depending on the reservoir size and obstructions.
4. Install the HyTec core with the “top” end up, in the barrier as shown in **Figure 1**.
5. Slide the HyTec fan shroud assembly onto the core as shown in **Figure 2**.
6. Modify the reservoir cover to accommodate the HyTec Cooler unit(s).
7. Reconnect electrical service.
8. Plug the HyTec Cooler fan cords into 110VAC electrical outlets.

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