

Gardner Denver

MH Series Hydrapak® Hydraulic Drive Cooling Systems



What is a Hydrapak?

The Hydrapak is a pre-engineered, highly efficient, hydraulic oil cooling package. It includes the oil reservoir, cooler, return line filter and system relief valve. All components are designed into a small, lightweight, quiet and inexpensive package.

- 10GA, 304 stainless steel mainframe for durability, long life, and great looks
- Reservoir 14 GA, 304 stainless steel double wall construction
- Integral diffuser eliminates foaming and vortexing
- Filler/breather cap with dipstick
- Heavy-duty, corrosion-resistant, high efficiency oil cooler
- Hydraulic motor driven fan is factory set for optimum performance
- Standard spin on filter with 10 micron element
- Cartridge style relief valve
- Auxiliary tank access for case drain port
- -4 (1/4") SAE gauge port
- Common parts with other Hydrapaks

Typical Applications

- Crude Oil Transports
- LP Gas Transports
- LP Gas Bobtails
- Food & Chemical Transports
- Bulk Feed
- Lube Trucks
- Maintenance Trucks
- Hydraulic Winch Drives
- Utility Equipment
- Agriculture Equipment
- Mining Equipment
- Water Trucks
- CO2 Delivery Trucks
- Vacuum Trucks
- Live Floor

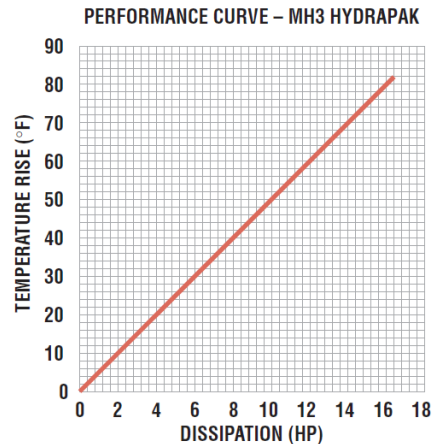
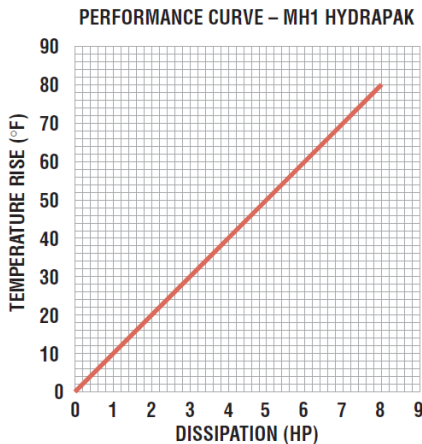
MH1 Hydrapak

- 2 gallon reservoir
- Only 49 lbs. dry
- Flow Rate: Up to 20 gpm
- Pressure: Up to 3000 psi
- Connections:
 - High Pressure
12 (3/4") JICM
 - Low Pressure Return
12 (3/4") JICM
 - Suction –20 NPTF

MH3 Hydrapak

- 4 gallon reservoir
- Only 75 lbs. dry
- Flow Rate: Up to 40 gpm
- Pressure: Up to 3500 psi
- Connections:
 - High Pressure
12 (3/4") JICM
 - Low Pressure Return
16 (1") JICM
 - Suction –24 (1½") Code
61 split flange with
variety of hose barb
options
 - 2" NPTF for flows over
25 gpm

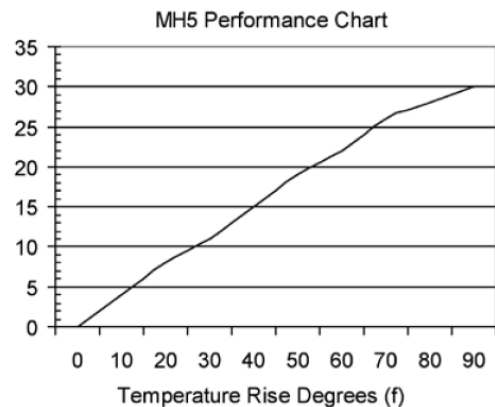
MH Series – Hydrapak® Hydraulic Drive Cooling Systems



MH5 Hydrapak® Hydraulic Drive Cooling System

- Flow rate to 60 gpm
- Pressure rated to 3000 psi
- 4.4 gallon reservoir
- Stainless steel construction
- Weight: 94 lbs dry, 126 lbs wet

Performance



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MH-C2 HYDRAPAK



NEW PATENTED NARROW DESIGN

8.5" wide: Smallest and most compact cooler in it's class

No additional space needed on frame rail for cooling air flow

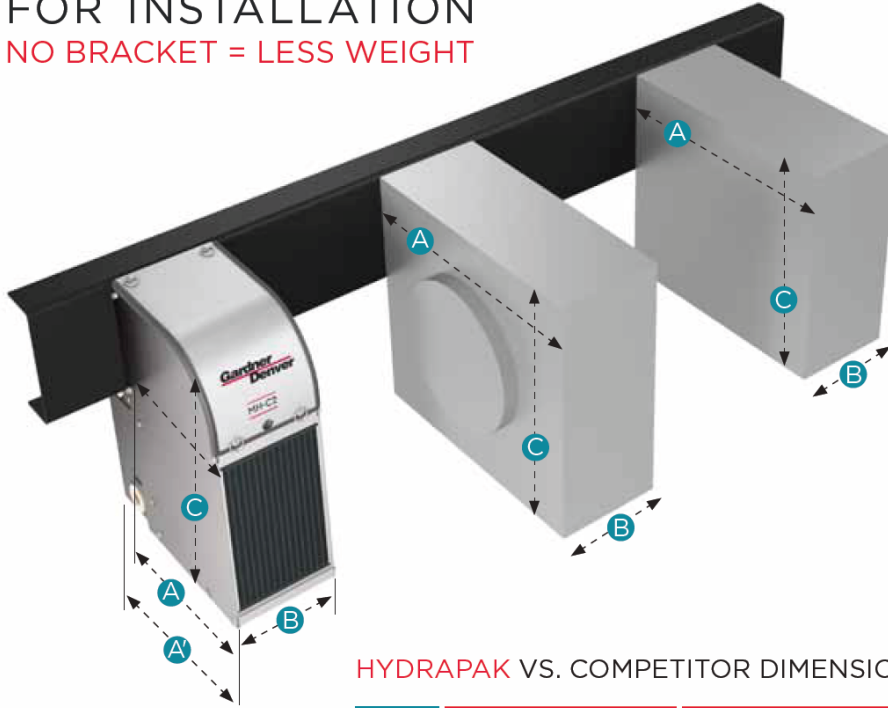
Fits into smaller area than the competition



Maintenance & Installation Friendly

- Front hood easily removable for easy access to filter and oil fill
- Removable side panels for easy access to internal components
- Front mounted oil sight glass for easy viewing
- Flexible Mounting Arrangement
- Allows for driver-side or passenger-side mounting

MOUNTING BRACKET
NOT NEEDED
 FOR INSTALLATION
 NO BRACKET = LESS WEIGHT

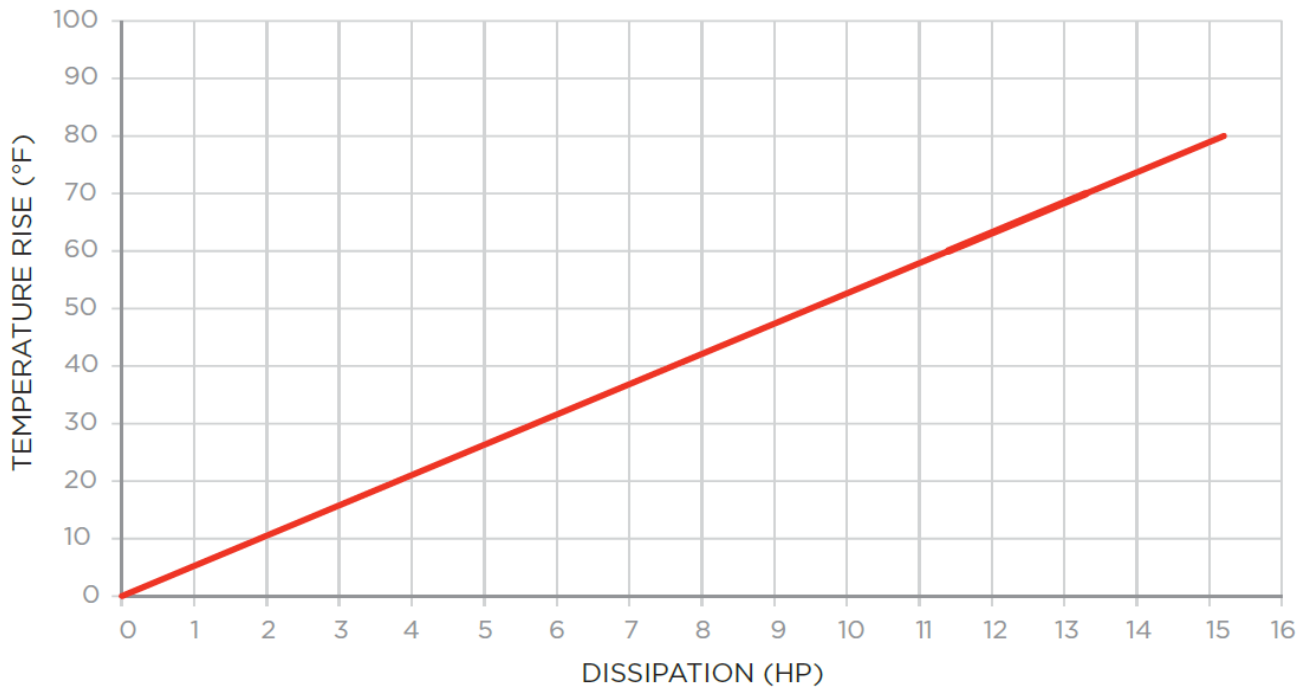


HYDRAPAK VS. COMPETITOR DIMENSIONS

	MH-C2	Competitor A	Competitor B
A	13.8"	23"	22"
A'	18.3"	23"	22"
B	8.5"	8.25" + fan guard*	9.25"
C	24.4"	21.375"	20"

*Plus additional space for inlet airflow

PERFORMANCE CURVE: MH-C2 HYDRAPAK



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DH5 Hydrapak® Hydraulic Drive Cooling System



DH5 Hydrapak®

- Flow rate to 45 gpm
- Pressure from 2500 to 5000 psig
- Supports systems up to 110 input HP

Features

- Heavy-duty stainless steel mainframe for durability and long life.
- 5.0 gallon oil reservoir with integral diffuser, which eliminates foaming and vortexing for increased hydraulic component life.
- High efficiency, heavy-duty oil cooler, designed to withstand vibration/road shock/thermal stress for maximum reliability.
- High performance hydraulic motor drives the fan. This assembly is mounted into a specially designed shroud and matched to the radiator for maximum cooling efficiency.
- Anodized aluminum manifold block is designed to control hydraulic pressure and temperature while providing return line filtration for your system. The multi-ported design reduces hoses, fittings and external connections.

Performance

