



HT-D & HT-M SERIES

Off-Line Filtration, Wherever the Oil Is.

Portable filter carts take filtration to the reservoir instead of the other way round. Two series, five build levels and four flow rates, each available air operated or electric, handling oil viscosities up to 600 cSt (ISO VG 680) on a cart one person can wheel across a plant floor.

1-10

GPM FLOW RATES

600

CST MAX VISCOSITY

99.95%

EFFICIENT BETA(C) = 2000

150

PSI PUMP RELIEF

40

MODELS IN THE RANGE

Two Series, One Job

Both series share their frame, motor, pump, flow rates and viscosity range. They differ in the filter heads, the change-out indicator, the standard element and weight.

HT-D Series

THE SIGNATURE CART

Filter heads	Cast aluminium
Elements	Water removal + 7 micron
Indicators	Slide bar
Weight	Approx. 180-200 lb
Build levels	Good, Better, Best

HT-M Series

THE LIGHTER CART

Filter heads	Aluminium
Elements	Water removal + 3 micron
Indicators	Pop-up @ 50 psid
Weight	Approx. 150 lb
Build levels	Good, Best

Where It Is Used

TYPICAL APPLICATIONS

- Filtering contaminated systems
- Flushing new or repaired systems
- Pre-filtering new oil
- Transferring oil
- Topping off reservoirs
- Collecting samples for analysis
- Dispensing new oil

STANDARD ON EVERY CART

- Two filter elements incl. water removal
- Internal pump bypass
- 7 ft suction & return hoses
- ISO-B quick disconnects
- Cast steel gear pump
- Ships with P1048WR + P1065; M-Series ships with p1072wr + p1068

Choose Your Build Level

Each level adds diagnostic and protective hardware to the same cart. The D-Series is offered in all three; the M-Series in Good and Best.

Good

D-SERIES: OMEGA

- Aluminium heads, in series
- 50 PSI bypass
- Slide bar indicators
- Approx. 180 lb

Better

D-SERIES: BETA

- Everything in Good, plus:
- Manual bypass
- Oil sample ports
- Suction Y-strainer

Best

D-SERIES: ALPHA

- Cast iron heads, in parallel
- Pre & post filter gauges
- Magnetic prefilter
- Auto shutdown @ 100 PSI

Full Specification

Specification	D Good (Omega)	D Better (Beta)	D Best (Alpha)	M Good	M Best
Flow rates	1 / 2 / 5 / 10 GPM	1 / 2 / 5 / 10 GPM	1 / 2 / 5 / 10 GPM	1 / 2 / 5 / 10 GPM	1 / 2 / 5 / 10 GPM
Motor	1 HP 115 VAC or 1.5 HP air vane	1 HP 115 VAC or 1.5 HP air vane	1 HP 115 VAC or 1.5 HP air vane	1 HP 115 VAC or 1.5 HP air vane	1 HP 115 VAC or 1.5 HP air vane
Pump / relief	Cast steel gear @ 150 PSI	Cast steel gear @ 150 PSI	Cast steel gear @ 150 PSI	Cast steel gear @ 150 PSI	Cast steel gear @ 150 PSI
Filter heads	Aluminium, in series	Aluminium, in series	Cast iron, in parallel	Aluminium	Aluminium
Standard elements	Water removal + 7 micron	Water removal + 7 micron	Dual 7 micron in parallel	Water removal + 3 micron	Water removal + 3 micron
Internal pump bypass	Yes	Yes	Yes	Yes	Yes
Manual bypass	-	Yes	-	-	Yes
Oil sample ports	-	Yes	Yes	-	Yes
Suction Y-strainer	-	Yes	Yes	-	Yes
Pre & post gauges	-	-	Yes	-	-
Magnetic prefilter	-	-	Yes	-	-
Auto shutdown @ 100 PSI	-	-	Yes	-	-
Filter indicators	Slide bar	Slide bar	Pre & post gauges	Pop-up @ 50 psid	Pop-up @ 50 psid
Cord	40 ft retractable reel (electric)	40 ft retractable reel (electric)	40 ft retractable reel (electric)	40 ft retractable reel (electric)	40 ft retractable reel (electric)
Switch	Sealed on/off, NEMA 4/4X	Sealed on/off, NEMA 4/4X	Sealed on/off, NEMA 4/4X	Sealed on/off	Sealed on/off
Frame	Heavy duty hand truck, flat free tires	Heavy duty hand truck, flat free tires	Heavy duty hand truck, flat free tires	Heavy duty hand truck, flat free tires	Heavy duty hand truck, flat free tires
Dimensions	23" L x 22" W x 52" H	23" L x 22" W x 52" H	23" L x 22" W x 52" H	23" L x 22" W x 52" H	23" L x 22" W x 52" H
Weight (approx.)	180 lb	190 lb	200 lb	150 lb	150 lb
Max viscosity	600 cSt (ISO VG 680)	600 cSt (ISO VG 680)	600 cSt (ISO VG 680)	600 cSt (ISO VG 680)	600 cSt (ISO VG 680)

Hose and quick-disconnect sizes follow the flow rate: 3/4" suction and 1/2" return on 1, 2 and 5 GPM carts; 1" suction and 3/4" return on 10 GPM carts. The retractable cord reel is fitted to electric carts; air operated carts run on shop air and ship without a cord. Replacement elements are series specific and are NOT interchangeable: the D element is 5" x 14" on a 1 3/4"-12 thread rated to 350 PSI, the M element 5.06" x 10.86" on a 1 1/2"-16UN thread rated to 175 PSI. D-Series: PI066 (4 micron, Beta 4 = 2000), PI065 (7 micron, Beta 7 = 2000), PI063 (10 micron, Beta 10 = 1000), PI064 (25 micron, Beta 25 = 2000), PI048WR (water removal). M-Series: PI068 (3 micron, Beta 3 = 1000), PI069 (6 micron, Beta 6 = 1000), PI070 (10 micron, Beta 10 = 1000), PI071 (25 micron, Beta 25 = 1000), PI072WR (water removal). Outside Canada the D water-removal element is PI048WR-USA.

Available Models

Every cart in the range by series, build level and drive. Custom builds carry an -S suffix, are quoted individually and are not listed here.

HT-D Series — 24 models

Build level / drive	1 GPM	2 GPM	5 GPM	10 GPM
Good (Omega) - Electric	HTD1SHSQ	HTD2SHSQ	HTD5SHSQ	HTD10SHISQI
Good (Omega) - Air	HTD1MSHSQ	HTD2MSHSQ	HTD5MSHSQ	HTD10MSHSIQI
Better (Beta) - Electric	HTD1SHSQ-BOS	HTD2SHSQ-BOS	HTD5SHSQ-BOS	HTD10SHISQI-BOS
Better (Beta) - Air	HTD1MSHSQ-BOS	HTD2MSHSQ-BOS	HTD5MSHSQ-BOS	HTD10MSHSIQI-BOS
Best (Alpha) - Electric	HTD1SHSQ-ACMFOS	HTD2SHSQ-ACMFOS	HTD5SHSQ-ACMFOS	HTD10SHISQI-ACMFOS
Best (Alpha) - Air	HTD1MSHSQ-ACMFOS	HTD2MSHSQ-ACMFOS	HTD5MSHSQ-ACMFOS	HTD10MSHSIQI-ACMFOS

HT-M Series — 16 models

Build level / drive	1 GPM	2 GPM	5 GPM	10 GPM
Good - Electric	HTM1SHSQ	HTM2SHSQ	HTM5SHSQ	HTM10SHISQI
Good - Air	HTM1MSHSQ	HTM2MSHSQ	HTM5MSHSQ	HTM10MSHSIQI
Best - Electric	HTM1SHSQ-BOS	HTM2SHSQ-BOS	HTM5SHSQ-BOS	HTM10SHISQI-BOS
Best - Air	HTM1MSHSQ-BOS	HTM2MSHSQ-BOS	HTM5MSHSQ-BOS	HTM10MSHSIQI-BOS

Options include manual bypass, Minimes oil sample ports and suction Y-strainer (standard on Better and Best), hydraulic hose sets with ISO-B quick disconnects, colour coded differential pressure gauge, and an explosion-proof build for classified areas.