



PHOENIX CX - 1 GPM CART SHOWN
(OTHER MODELS AVAILABLE)



REMOVES FROM OIL

Free Water
Emulsified Water
Dissolved Water
Dissolved Gases
Particulate

APPLICATIONS

Gearboxes
Lube Systems
Hydraulic Systems
Offline Transformers

INDUSTRIES SERVED

Refineries
Gas Plants
Chemical Plants
Oil and Gas Platforms
Coke Plants



www.msctech.com

OPERATIONAL DETAILS

Oil Flow: Simple Steady State
Water Removal: Membrane Vacuum Dehydration
Fluid Pump: 110 or 220v s-phase class 1 group C&D class 2 group F&G
Vacuum: Air 70-85 psig @ 13 scfm
Filtration: 8 micron or less
Viscosity range: 32 - 3000 cSt (model dependent)
Available flow ranges: 1 - 8 gpm
Recommended Reservoir Sizes: 2-2000 gallons - (model dependent)
Capabilities: Water less than 50 ppm, particulate less than 15/13/12

PHX- TABLE 1 - TABLE 2 - C - TABLE 3 - TABLE 4 - TABLE 5
 Type/Flow Voltage Filter Oil Type Mounting

Table 1: Type/Flow

MX	1 gpm Max Mini Handcarry Unit - No Fluid Pump
CX	1 gpm System - Includes Haz Duty Fluid Pump
C4X	4 gpm System - Includes Haz Duty Fluid Pump
C8X	8 gpm System - Includes Haz Duty Fluid Pump

* Note: C8 is only rated for 32 weight oils or lower.

Table 2: Voltage

N	MX Mini Option Only - No Electric Air Driven Only.
A	110 V Single Phase 60HZ
B	220 V Single Phase 50HZ

Table 3: Filter

2	8 Micron Blue Spin On Filter (Standard)
E	20" 7 Micron Cap Service Filter and Filter Cartridge
F	20" 7 Micron High Capacity Cap Service Filter

Table 4: Oil Type

G	Mineral Oil/Synthetics/EAL - No Phosphate Ester
H	Phosphate Ester and Mineral/Synthetic/EAL

Table 5: Mounting

Blank	Portable - CX,C4X and C8X Carts with Wheels
1	Permanent Install - Wheels Removed Bolt Down

* Note: For MX option always leave Table 5 Blank.

Specifications

Dimensions	MX - W14.5" X D14" X H24.5" CX - W19" X D20" X H50" C4 & C8 - W28" X D24" X H50"
Weights	MX - 35 LBS CX - 180 LBS C4 & C8 - 240 LBS
Connections	MX - 1/2" MJIC CX - 3/4" MJIC C4 & C8 - 1" MJIC
Paint	POWDER COATED
Electric	CLASS 1 GROUP C&D CLASS 2 GROUP F&G
Compressed Air	70-85 PSIG & 13 SCFM REQUIRED
Max Oil Temp	190F
Min Ambient	33F



Corporate Offices & Distribution Center

MSC Filtration Technologies
 198 Freshwater Blvd.
 Enfield, Connecticut 06082
 Ph: 800-237-7359 | (860)745-7475
 Fax: (860) 745-7477

Email: sales@mscfiltrertech.com
 Web: www.mscfiltrertech.com