



CUSTOM SERVICE & DESIGN, INC.
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**MULTI ROUND HDRAULIC CARTRIDGE
VESSEL SPECIFICATION**
BULLETIN: C1603-C4838-14

MULTI-ROUND HYDRAULIC CARTRIDGE VESSEL

CSD HYDRAULIC CARTRIDGE VESSELS ARE DESIGNED TO FUNCTION USING INDUSTRY STANDARD 36" OR 44" OAL ELEMENTS. I.D.'S RANGE FROM 2.625" - 3.5" WITH FLOW RATES UP TO 4500 GPM. INDIVIDUAL ELEMENTS ARE SEALED INTO PLACE BEFORE CLOSING THE VESSEL. KNIFE EDGE KV-KITS ENSURE POSITIVE CARTRIDGE SEALS INDEPENDENT OF VESSEL OPERATIONS.

APPLICATIONS:

COOLANTS	CUTTING OILS
ENGINE / COMPRESSOR OILS	FUELS
HIGH VISCOSITY OILS	HYDRAULIC OILS
INDUSTRIAL PROCESS FLUIDS	LUBRICATING OILS
QUENCH OILS	REFINERIES
ROLLING MILL OILS	SOLVENTS
TRANSFORMER OILS	AND MORE...

STANDARD FEATURES:

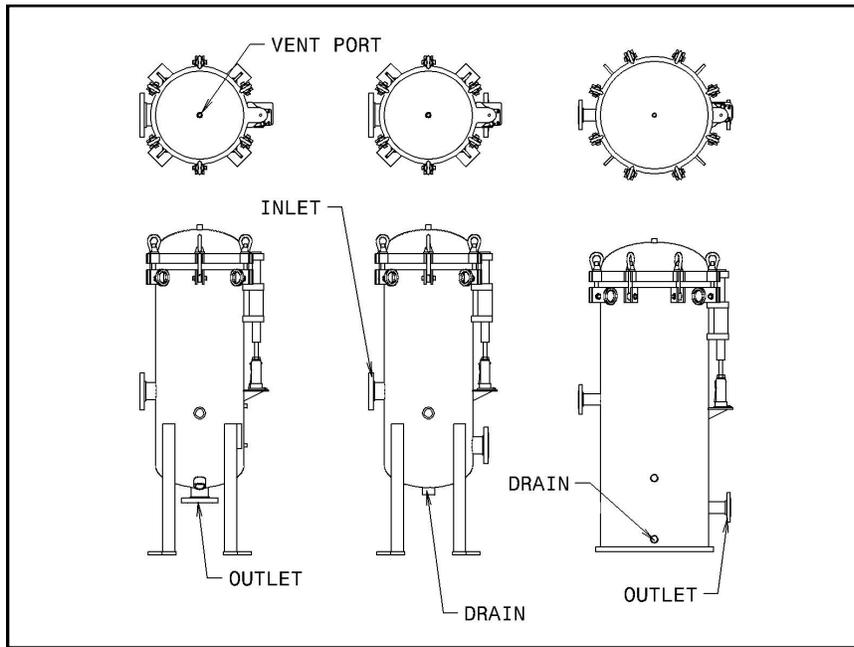
- ⇒ CARBON STEEL, 304L & 316L STAINLESS STEEL
- ⇒ PERMANENTLY PIPED VESSELS
- ⇒ CARBON OR STAINLESS STEEL ELEMENT KV-KITS
- ⇒ KV-KITS OF CARBON STEEL ARE PLATED FOR CLEANLINESS STANDARDS
- ⇒ KV SEALING SURFACES INCLUDE KNIFE EDGES AND GROMMETTED WASHER SEALS FOR NO BY-PASS
- ⇒ 150 P.S.I.
- ⇒ HYDRAULIC LID LIFT
- ⇒ OUTLETS AVAILABLE: BOTTOM, OPPOSITE OR SAME SIDE
- ⇒ FLANGED CONNECTIONS
- ⇒ VENT, GAUGE, DRAIN PORTS
- ⇒ BUNA SEALS
- ⇒ FLAT BOTTOM (FLOOR MOUNT) BASE OR PERMANENT WELDED LEGS



OPTIONS:

- ⇒ INLET / OUTLET CONNECTION
- ⇒ INLET / OUTLET LOCATIONS
- ⇒ MANUAL / AUTOMATIC DUPLEXING
- ⇒ SEAL MATERIAL: EPDM, VITON, TEFLON ENCAPSULATED VITON
- ⇒ DAVIT ARM LID OPERATIONS
- ⇒ HIGHER PRESSURE RATING
- ⇒ SPECIALTY DESIGNED VESSELS
- ⇒ CORELESS ELEMENT DESIGNS





MODEL	# OF ELEMENTS	STD PIPE SIZES (IN.)	NOMINAL FLOW RATE GPM*	DRAWING NUMBER	WEIGHT (LBS.)
C16	3	2,3,4	360*	C1603	505
C18	4	2,3,4	480*	C1804	570
C22	6	3,4,6	720*	C2206	635
C24	9	3,4,6	1080*	C2409	670
C30	14	3,4,6	1680*	C3014	750
C36	22	4,6,8	2640*	C3622	960
C42	31	6,8,10	3720*	C4231	2235
C48	38	8,10,12	4500*	C4838	2625

* Based on vessel only. Please consider filter media, expected contaminant loading and fluid viscosity plus differential pressure of specific cartridge chosen when sizing a filter vessel.

BUILD A CSD PART NUMBER

C	18	04	36	6L	040	F	2	B	C
TYPE (CARTRIDGE)	VESSEL SIZE (DIAMETER)	# OF BASKETS / ELEMENTS	ELEMENT LENGTH	# OF LUGS	CONNECTION SIZE	CONNECTION STYLE	OUTLET LOCATION	SEALS	MATERIAL OF CONSTRUCTION

*** For specific vessel dimensional cut sheets, call factory or consult website***



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