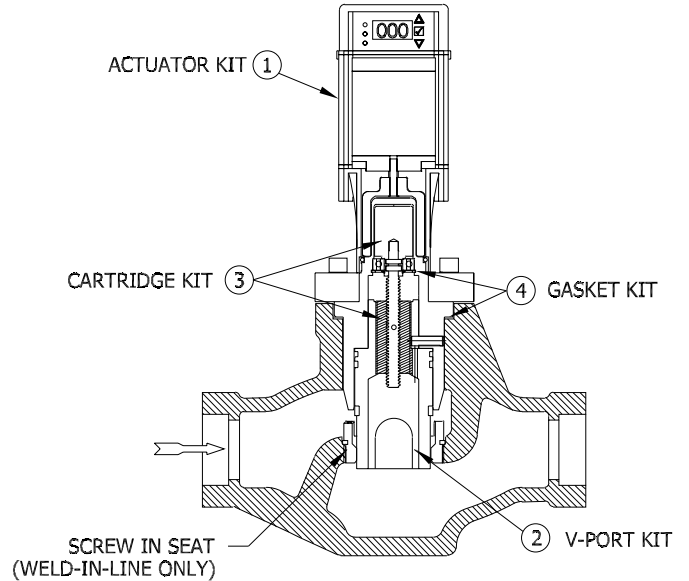
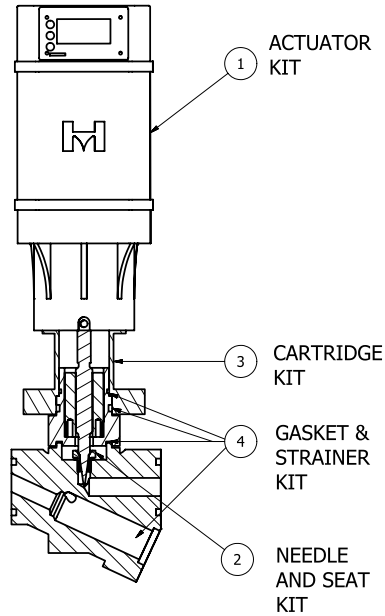


MOTORIZED CONTROL VALVE PARTS LIST

1/16" (2mm) THRU 9/32" (7mm) MCXV

3/4" (20mm) THRU 4" MCV/MCR



Valve Type	Port Size	1		2		3	4	SMV Conversion Kits	
		Actuator Kit		Needle/V-port Assembly Kit (includes gasket kit)		Cartridge Assembly Kit (gasket kit, cartridge, grease)	Gasket Kit	SMV to MCV Conversion Kit** (Actuator, Dongle Cable, Bonnet, Bolts, Cartridge Gasket, Bonnet O-ring, Grease)	SMV Power Close to MCV Power Backup Conversion Kit**
	Inch (mm)	Standard	Power Backup	P/N	Cv				
MCXV/A	7/32" (5)	75-1331	75-1331 with HUPS	75-1360	0.6	75-1358	75-1357*	75-1363	75-1363 with HUPS
MCXV/B	9/32" (7)			75-1361	1.1			75-1364	75-1364 with HUPS
MCXV/C	1/16" (2)			75-1359	0.2			75-1362	75-1362 with HUPS
MCV	3/4" (20)	75-1332	75-1332 with HUPS	75-1381	6.4	75-1325	75-1322	75-1318	75-1318 with HUPS
	1" (25)			75-1382	11.7				
	1-1/4" (32)			75-1383	16.4				
	1-1/2" (40)	75-1333	75-1333 with HUPS	75-1384	35	75-1326	75-1323	75-1319	75-1319 with HUPS
	2" (50)			75-1385	47				
	3" (80)	75-1334	75-1334 with HUPS	75-1396	104	75-1349	75-1351	75-1347***	75-1347 with HUPS***
	4" (100)	75-1392	75-1392 with HUPS	75-1400	166	75-1350	75-1352	75-1348***	75-1348 with HUPS***
MCR	3/4" (20)	75-1332	75-1332 with HUPS	75-1386	2.2	75-1325	75-1322	75-1318	75-1318 with HUPS
	1" (25)			75-1387	3.9				
	1-1/4" (32)			75-1381	6.4				
	1-1/2" (40)	75-1333	75-1333 with HUPS	75-1388	12	75-1326	75-1323	75-1319	75-1319 with HUPS
	2" (50)			75-1389	16				
	3" (80)	75-1334	75-1334 with HUPS	75-1394	35	75-1349	75-1351	75-1347***	75-1347 with HUPS***
	4" (100)	75-1392	75-1392 with HUPS	75-1398	47	75-1350	75-1352	75-1348***	75-1348 with HUPS***

NOTE: Gaskets and O-rings should be replaced with new if they are removed from valve. Recommend to lubricate new gaskets/O-rings with oil prior to installing. Bolts should have anti-seize applied.

* Includes strainer

**All SMV to MCV conversion kits REQUIRE MCT to be available for conversion

*** All 3" and 4" SMV to MCV conversion kits REQUIRE a V-port kit to be requested separately

TO ORDER:

Specify valve type (MCV, MCXV, MCR), port size, flange connection style and size.

Motorized Control valves with weld-in connections available (3/4" thru 4"), contact factory.

ORDERING INFORMATION

FPT only available up to and including 1 1/4" port size.

PORT SIZE		FLANGE CONNECTION STYLES AND SIZES		
		FPT, SW, WN		ODS
INCH	(MM)	STANDARD	ALSO	STANDARD
1/16"	(2)	1/2"	3/4"	7/8"
7/32"	(5)	1/2"	3/4"	7/8"
9/32"	(7)	1/2"	3/4"	7/8"
3/4"	(20)	3/4"	1, 1-1/4"	7/8"
1"	(25)	1"	3/4", 1-1/4"	1-1/8"
1-1/4"	(32)	1-1/4"	3/4", 1"	1-3/8"
1-1/2"	(40)	1-1/2"	2"	1-5/8"
2"	(50)	2"	1-1/2"	2-1/8"
3"	(80)	3"	-	3-1/8"
4"	(100)	4"	-	4-1/8"

OPTIONAL CONTROLLERS

MOTORIZED CONTROL VALVE OPTIONAL CONTROLLERS	
CAT NO	DESCRIPTION
PXVC-T	Temperature controller with temperature sensor for fully modulating temperature control.
PXVC-L	Level controller for fully modulating applications. Level sensor not included.
PXVC-P	Pressure controller with pressure transducer for fully modulating pressure control.
PXVC-PT	Direct expansion or super heat controller for fully modulating applications.
PXVC-DX	Direct expansion or super heat controller for fully modulating applications.
RDR	Remote digital readout displays valve position
WTE	Watertight Enclosure (NEMA4 for above controller)
PSU2	Compact Power Supply (100-240VAC: 24VDC) for above enclosure

NOTE: For PXVC product bulletin see www.HANTECH.com

OPTIONAL EQUIPMENT	
MCT	Manual Control Tool
HUPS	Power Backup System: Uninterruptable Power Supply and DC power supply for up to 3 valves
75-1321	Cable set 2m long
75-1329	Cable set 5m long
75-3517	MCV Dongle Conversion Cable

ACT™

Hansen's advance corrosion protection system ACT™, Anti-Corrosion Technology, is available for all Hansen valves. ACT™ provides 3x to 5x the corrosion protection of standard zinc plating and offers lower acquisition and life cost when compared to other corrosion protection methods. ACT™ protected valves follow all standard and control valve installation processes.

MVP

The Hansen Technologies Multi-Valve Platform (MVP) is a rugged, compact refrigerant control station. The MVP ships pre-tested and assembled for quick and easy installation, requiring only two welds to complete most valve station applications. MVP control functions include Motorized Control Valves (positions 3 and 4), solenoid valves, two-step solenoid valves, and all common Hansen pressure regulator functions. MVP utilizes many of the same pilot modules and internal components as the standard Hansen pressure regulator and solenoid valves



CAUTION

Hansen valves are for refrigeration and other Hansen approved systems only. These instructions and related safety precautions must be read completely and understood before selecting, using, or servicing these valves. Only knowledgeable, trained refrigeration technicians should install, operate, or service these valves. Stated temperature and pressure limits should not be exceeded. Bonnets should not be removed from these valves unless the system has been evacuated to zero pressure. See also Safety Precautions in current List Price Bulletin and Safety Precautions Sheet supplied with product. Escaping refrigerant can cause injury, especially to the eyes and lungs.

WARRANTY

Hansen electrical and electronic parts are guaranteed against defective materials and workmanship for 90 days F.O.B. our plant. All other components are guaranteed for one year F.O.B. our plant. No consequential damages or field labor is included.



Hansen Technologies Corporation

681 Commerce Street

Burr Ridge, Illinois 60527 USA

Tel: 630.325.1565 Fax: 630.325.1572 Toll: 866.4HANSEN

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

USA • Asia • Europe • India • Latin America • Middle East

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