# CUSTOMER: Aphena Pharma Solutions

SMI Ph. JECT # 107657

				T					
	Panel	Separator Tank	CIP Return	CIP Return	Vent	Overflow	Chem 1 -	Chem 2 - Acid	Circulation Line
	N/A	2.0"	2.0"	3.0"	1.0"	3.0"	0.50"	0.50"	3.0"
CONN.	N/A	70	70	27	21	5	TC x Comp	TC× Comp	TC (Motive) TC (In) TC (Out)
ELEC.	SPEC. 24VDC			N/A	N/A	N/A	N/A	N/A	N/A
	RANGE N/A	0 - 100 mS/CM	0 - 10 uS/CM	V/V	N/A	N/A	N/A	N/A	N/A
	ACTUATION N/A			N/A	N/A	N/A	N/A	N/A	N/A
	MATERIAL 316L SS	PEEK	316L SS	316L SS	316L SS	316L SS	316L SS	316L SS	316L SS
	DESCRIPTION Analyzer, panel mount unit, dual input troidal and contacting conductivity measurment, ul approval	Sensor, toriodal, unfilled usp class VI peek with 25 ft cable	Sensor, contacting, 0.01/cm cell constant with 25 ft cable, 16Ra EP finish (Mtr's & loop calibration cert. with analyzer req'd)	Y-Ball check valve, 316L SS, 3.0" TC, PTFE ball, EPDM gasket, 25Ra max internal finish (Material CofC and Surface Finish Certs Req'd)	Valve, check, horizontal mount, 0.36 psig cracking pressure, EPDM elastomers, 15 Ra max internal finish, electropolished (MTR's and Surface Finish Certs Req's)	Valve, check, horizontal mount, 2 psig cracking pressure, EPDM elastomers, 15 Ra max internal finish, electropolished (MTR's and Surface Finish Certs Req's)	Check valve, 10 psi cracking pressure, Fluorocarbon FKM O-ring (MTR's Req'd)	Check valve, 10 psi cracking pressure, Fluorocarbon FKM O-ring (MTR's Req'd)	Eductor, Teflon encapsulated Viton O-Ring, 25 Ra internal finish / 32 Ra external finish, 110 GPM (415 LPM) maximum return (Material and Surface Finish Certs Req'd)
SMI PART	051676			046145	044772	044294 w/ (054597 Spring)	021353	021353	240510
SERIAL#/	L19-21487579- 001	L19-21486827-	U19-21428171-	N/A	N/A	N/A	0002319394	0002319394	N/A
MAN	1056-02-21-30-AN-UL / 4600007-LC	225-08-56-99CB25- 99SQ8889	403-11-21-99CB25- 99SQ8889	YB45BY-R300	215EBA4A3EPQC (Was: 2114EPQC)	215KBA4A3EPQC (Was: 2119EPQC)	SS-CHS88235-10	SS-CHS88235-10	240510
	Rosemount Analytical			Dixon	DFT	DFT	Swagelok	Swagelok	Sani-Matic
	AIT-020 / AE-104 / AE-019			CV-016	CV-107	CV-108	CV-204	CV-304	EDU-007
	1			2	m	4	cs.	9	7



CUSTOMER: Aphena Pharma Solutions

SMI Ph. JECT # 107657

	15	Is	T	I_	I_s	I	T
LOCATION	CIP Supply	CIP Supply	Potable Water Supply	Circulation Line Drain	CIP Supply	Vent	Air Blow Filter Housing
SIZE	4.0"	.5. <u>.</u>	-5. -5.	0.75"	2.0"	1.0"	Code 7
CONN.	2	BW x TC	BW x TC	BW TC	2	27	Code 7
ELEC.	460 VAC 3 Ph 60 Hz	N/A	N/A	N/A	24 VDC	N/A	N/A
RANGE	NA	N/A	N/A	NA	4-20 mA = 0 - 150 GPM	N/A	N/A
ACTITATION	N/A	Ö.	Ö.	Ö.	NA	NIA	N/A
MATERIAL	316L SS	316L SS	316L SS	316L SS	316L SS	316L SS	Hydrophobic PTFE
DESCRIPTION	Heater, electric, 38" long 316L SS electropolished elements, SS electrical box, retaining ring, 15 KW, type K thermocouple with 19" well (Material Certs Req'd)	Diaphragm valve, forged body, 25 Ra max ID, as-cast external finish, modified PTFE / EPDM backed diaphragm, S360 Power SS pneumatic actuator (Material, Surface Finish, & Diaphragm Certs Req'd)	Diaphragm valve, forged body, 25 Ra max ID, as-cast external finish, modified PTFE / EPDM backed diaphragm, S360 Power SS pneumatic actuator (Material, Surface Finish, & Diaphragm Certs Req'd)	Zero deadleg diaphragm valve, back outlet, 3 forged body, 25 Ra internal finish, modified PTTE / EPDM backed diaphragm, S360 Lite SS pneumatic actuator (Material, Surface Finish, & Diaphragm Certs Req'd)	Flowmeter, turbine, 316L SS body with 15Ra electropolished finish, 174 SS rotor, hard carbon bearing, remote mount transmitter with display, explosion proof housing (Material, Surface Finish, and Calibration Certs Req'd)	Filter housing, In-Line, 1 cartridge x 5" high, type 226 code 7 cartridge socket, rated for 150 PSIG/FV @ -20/300° F, 20 Ra max ID, 32 Ra OD, class VI PTE encapsulated EPDM gasket, no vent, no drain (Pharmaceutical Documentation Req'd)	Filter element, 5" hydrophobic, 0.2 micron, Silicone O-ring, Code 7
SMI PART	045097	į		048661	045639	047684	051957
SERIAL#/	N/A	479423-001 (Lot serial number)	479423-001 (Lot serial number)	4-66235-1-1	184599	048816-1-1-1	N/A
MANUFACTURER PART #	D4SB-1 KTC	1,500-GC065-SPT5-PR	1,500-GC065-SPT5-PR	2.000 x 0.750- ZW0301X-8/8/0-5-SLT5- PR	H03A2X2A-11-150-C1- 1(RPR51P12)X-2TRI- SP / HRT1-3-R-W-5-X- X-X	Allegheny Bradford US-I-01-5-R21-XXT-X	PPTFE0.2A5C6S
MANUFACTURER	Glo-Quartz	Saunders	Saunders	Saunders	Hoffer	Allegheny Bradford	Global Filter
TAG#	EH-004 TE-004	FCV-003	FCV-004	FCV-006	FIT-010	FLT-109	FLT-109A
ITEM #	ω	o	10	11	12	33	41
	•	•					-





### MECHANICAL BILL OF MATERIALS ULTRAFLOW AND CIP SYSTEM

SMI Ph. JECT # 107657 CUSTOMER: Aphena Pharma Solutions

LOCATION	CIP Supply		Potable Water Supply		Drain		Chem 1 - Alkaline	Chem 2 - Acid	Separator Tank Top	Separator Tank Bottom	Chem #1
SIZE			N/A		N/A		0.25"	0.25"	.5.	N/A	N/A
CONN.	K/N		N/A		N/A		Comp.	Сошр.	2	pnds	N/A
ELEC. SPEC.	24 VDC		24 VDC		24 VDC		K/N	N/A	24V DC	24V DC	24 VDC
RANGE	4-20 mA = 0-100%		4-20 mA = 0-100%		4-20 mA = 0-100%		N/A	N/A	N/A	N/A	N/A
ACTUATION	N/A		N/A		N/A		Manual	Manual	N/A	N/A	N/A
MATERIAL	N/A		N/A		N/A		316 SS	316 SS	316L SS	316L SS	Polypropylene
DESCRIPTION	Mounting adapter (Modified - 048793) for 1.5" & 2" Saunders S360 actuator with mounting hardware Positioner, digital electropneumatic with	display, Type 8692, single acting	Mounting adapter (Modified - 048793) for 1.5" & 2" Saunders S360 actuator with mounting hardware	Positioner, digital electropneumatic with display, Type 8692, single acting	Mounting adapter for 0.75" & 1" Saunders S360 actuator with mounting hardware	Positioner, digital electropneumatic with display, Type 8692, single acting	Valve, ball, 2-way, S.S. ball/stem, modified PTFE packing	Valve, ball, 2-way, S.S. ball/stem, modified PTFE packing	Vibration level switch, Liquiphant M, 15Ra electropolished finish, relay DPDT contacts, polyester NEMA 4X housing, 1/2" NPT conduit connection, 6" Insertion (Material and Surface Finish Certs Req'd)	Vibration level switch, Liquiphant M, 15Ra electropolished finish, flush mount connection, relay DPDT contacts, polyester NEMA 4X buosing, 1/2" NPT conduit connection, 9" insertion (Material and Surface Finish Certs Req'd)	Level switch, 30 mm proximity type / Cable, M12 Connectors, 4M Long
SMI PART	238878 /238875 040345		238878	040345	048793	040345	032434	032434	041605	041579	028332 / 053375
SERIAL#/ LOT#	N/A 20081		N/A	20080	N/A	20071	0002576071	0002576071	PC005315029	PC005115029	N/A
MANUFACTURER PART#	Mounting Adapter: WPL157969KMTGKIT (Modified) Positioner:	00307045	Mounting Adapter: WPL157969KMTGKIT (Modified)	<b>Positioner:</b> 00307045	Mounting Adapter: WPL156963KMTGKIT	<b>Positioner:</b> 00307045	SS-43GS4	SS-43GS4	Endress & Hauser   FTL51H-ATC2CD4E4B-6"	Endress & Hauser FTL51H-AEE2CD4E4B-	KI5083 / EVT446
MANUFACTURER	Saunders Burkert		Saunders Burkert		Saunders	Burkert	Swagelok	Swagelok	Endress & Hauser	Endress & Hauser	IFM Efector
TAG#	FY-003		FY-004		FY-006		HV-203	HV-303	LSH-101	LSL-105	LSL-201
ITEM #	5		91		17		18	19	20	21	22



## CUSTOMER: Aphena Pharma Solutions

SMI Ph. LECT # 107657

	LOCATION	Chem #2	Separator Side Wall	Circulation	Chem 1 - Alkaline	Chem 2 - Acid	CIP Supply Line	Separator Vent
	SIZE	N/A	<u>.</u> .	2.5" (inlet) 2.0" (outlet)	0.25"	0.25"	2.0"	3.0"
NNOO	TYPE	N/A	5	2	FNPT	FNPT	5	2
<u> </u>	SPEC.	24 VDC	24 VDC	230/460 VAC 3 Phase 60 Hz	N/A	N/A	24 VDC	N/A
	RANGE	N/A	N/A	Pump sized for 200 gpm @ 100 psig	1.5 GPM @ 40 PSIG (3 SCFM Supply)	1.5 GPM @ 40 PSIG (3 SCFM Supply)	4-20 mA = 0-100 PSIG	N/A
	ACTUATION	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	MATERIAL	Polypropylene	316L SS	316L SS	Polypropylene PTFE	Polypropylene PTFE	316L SS	316L SS
	DESCRIPTION	Level switch, 30 mm proximity type / Cable, M12 Connectors, 4M Long	Vibration level switch, Liquiphant M, 15Ra electropolished finish, relay DPDT contacts, polyester NEMA 4X housing, 1/2" NPT conduit connection, 6" Insertion (Material and Surface Finish Certs Req'd)	Centrifugal pump, 170mm impeller, USP Class VI EPDM elastomers, Split Center Seal, Silicon Carbide / Carbon, vertical discharge, 314" TC horizontal elbow right case drain, 25 Ra internal finish, 25 HP Baldor motor, TEFC - Baldor IEEE 841XL Severe Duty (IP56), 1.15 service factor, F2 Floor Mount w/ Conduit Box on Right, 3500 RPM, 284TSC frame size (Material, Surface Finish, and Elastomer Certs Req'd)	Pump, diaphragm air operated, PTFE w/Neoprene back-up, PTFE valve ball, polypropylene valve seat and PTFE encap. Viton valve seat O-ring	Pump, diaphragm air operated, PTFE w/Neoprene back-up, PTFE valve ball, polypropylene valve seat and PTFE encap. Viton valve seat O-ring	Pressure transmitter, coplanar, HART protocol, epoxy coated aluminum housing, single integral mounted diaphragm seal, LCD display, 316L SS with 20 Ra finish (Material, Surface Finish, & Calibration Certs Req'd)	Rupture Disk Holder, 3" TC, 20 Ra Internal Finish (Material and Surface Finish Certs Req'd)
SMIPART	#	028332 / 053375	041605	053986 w/ 054369 Impeller	900028	900028	046802	207321
SFRIAL #1	LOT#	N/A	PC005215029	C1912040392	0030697003	0030656922	0147271	N/A
MANUFACTURER		KI5083 / EVT446	FTL51H-ATC2CD4E4B-	FPX-1742 - 170	P.02S/PZPPP/TNL/TF/ PTV	P.02S/PZPPP/TNL/TF/ PTV	3051CG4A22A1AS1M5 Q4Q8Q16 1199WNA93SSCW50L A00H	207321
	MANUFACTURER	IFM Efector	Endress & Hauser	Fristam Baldor	Wilden	Wilden	Rosemount	Sani-Matic
	TAG#	LSL-301	LSM-110	P-001	P-202	P-302	PIT-009	PSE-106
	ITEM #	23	24	25	26	27	28	59





## CUSTOMER: Aphena Pharma Solutions

SMI Ph. JECT # 107657

LOCATION	Separator Vent	Separator Tank	Sample Valve	OIP Tank	Chem 1 - Alkaline
1000000					
SIZE		2.5"	0.50"	13 Gal.	5 Gal.
CONN.	5	21	5	See Fittings List	N/A
ELEC. SPEC.	24V DC	N/A	N/A	N/A	N/A
RANGE	+15 PSIG	N/A	N/A	NA	N/A
ACTUATION	NA	Ν̈́Α	Manual	N/A	N/A
MATERIAL	~	SS Borosilicate	316L SS EPDM	316L SS	Polyethylene
DESCRIPTION	Rupture disk, +15 psig/FV, 0% manufacturing design range, +/-2 psig burst tolerance, 80°C design temp, 316L SS disk with 15Ra EP finish, Class VI EPDM gasket, integral 24V DC burst sensor (MTR's, Surface Finish Certs, & Burst Test Report Req'd) Burst indicator cable, 25ft, quick connector	Sight glass, 2205 Duplex SS, borosilicate glass, 10Ra finish (Material and Surface Finish Certs Req'd)	Sample valve, EPDM O-ring/seal, Polyphenylsulfone handwheel, 15 Ra electropolish ID finish (Material, Surface Finish, & Gasket Certs Req'd)	Separator tank, Ø10" x 35" S.W., non-ASME, atmospheric, 25 Ra internal finish / 32 Ra external finish with welds ground smooth & polished ID/OD, Class VI Viton eastomer  Fittings:  (N1) 1.0" TC Top Head: PW (N2) 1.0" TC Top Head: Level - High (N4) 0.5" TC Top Head: Chem #1 - Acid (N5) 0.5" TC Top Head: Chem #1 - Acid (N6) 2.0" TC Top Head: Chem #1 - Acid (N6) 2.0" TC Side Wall: Circulation (N8) 2.5" TC Side Wall: Conductivity (N10) 2.5" TC Side Wall: Conductivity (N10) 2.5" TC Side Wall: Conductivity (N10) 2.5" TC Side Wall: Conductivity (N11) Spud Bottom Head: Level - Low (N12) 5.5" TC Side Wall: Level - Low (N13) 5.0" TC Side Wall: Conductivity (N10) 2.5" TC Side Wall: Conductivity (N11) Spud Bottom Head: Level - Low (N12) 1.5" TC Side Wall: Level - Low	Chemical jug with diptube & foot valve assembly
SMI PART	047180	047043	022142	223901	184538
SERIAL#/ LOT#	1965967	551737/87281	434194	N/A	N/A
	3" AXIUS SC-BI	METACLAMP-2.5S	SV-W-0.5-419-0.5-X19- EPDM	223901	184538
MANUFACTURER	Tike	L.J. Star	ITT Pure-Flo	Sani-Matic	Sani-Matic
TAG#	PSE-106A PSH-106	SG-100	SV-011	TK-100	TK-200 CV-206
ITEM #	30	31	32	33	34



Ref. SMI Dwg#: 839701 = PID Ref. SMI Dwg#: 289486 = G.A. Prepared By: Xav Lee

CUSTOMER: Aphena Pharma Solutions

SMI Ph. JECT # 107657

	Z		·	F			E ±	
	LOCATION	Chem 2 - Acid	Circulation	CIP Return	Cooling	Supply Pump Casing Drain	CIP Return Low Point Drain	Cooling
	SIZE	5 Gal.	2.0"	2.0"	2.0"	0.75"	0.75"	2.0"
CONN	TYPE	N/A	27	5	5	ე	2	BW x TC
E FC	SPEC.	N/A	24 VDC	24 VDC	24 VDC	N/A	N/A	N/A
	RANGE	N/A	4-20 mA = 0-100° C	4-20 mA = 0-100° C	4-20 mA = 0-100° C	N/A	N/A	N/A
	ACTUATION	N/A	N/A	N/A	N/A	Ö.	E.C.	Э.
	MATERIAL	Polyethylene	-316L SS	.316L SS	-316L SS	316L SS	316L SS	316L SS
	DESCRIPTION	Chemical jug with diptube & foot valve assembly	RTD and transmitter, single element RTD, +/ 316L SS .01% accuracy, 100 Ohm, 1 ½" insertion, 316L SS with 15Ra max finish, polypropylene head (Calibration, Material, and Surface Finish Certs Required)	RTD and transmitter, single element RTD, +//316L SS .01% accuracy, 100 Ohm, 1 ½" insertion, 316L SS with 15Ra max finish, polypropylene head (Calibration, Material, and Surface Finish Certs Required)	RTD and transmitter, single element RTD, +//316L SS .01% accuracy, 100 Ohm, 1 ½" insertion, 316L SS with 15Ra max finish, polypropylene head (Calibration, Material, and Surface Finish Certs Required)	Diaphragm valve, forged body, 25 Ra max ID, as-cast external finish, modified PTFE / EPDM backed diaphragm, S360 Lite SS pneumatic actuator (Material, Surface Finish, & Diaphragm Certs Req'd)	Diaphragm valve, forged body, 25 Ra max ID, as-cast external finish, modified PTFE / EPDM backed diaphragm, S360 Lite SS pneumatic actuator (Material, Surface Finish, & Diaphragm Certs Req'd)	Diaphragm valve, forged body, 25 Ra max ID, as-cast external finish, modified PTFE / EPDM backed diaphragm, S360 Lite SS pneumatic actuator (Material, Surface Finish, & Diaphragm Certs Req'd)
SMI PART	#	184537	039406	039406	039406	044360	044360	052513
SERIAL#/	# TOT	N/A	DDAEB0	DDAEB2	DDAEB3	4-86225-4-1	4-86225-4-2	4-86192-2-1
MANUFACTURER		184537	R5T185L483-01(1/2)- CIPZZ-2-5-63,T-440- 385U-S(0-100)C, (Z013, Z858)	R5T185L483-01(1/2)- CIPZZ-2-5-63,T-440- 385U-S(0-100)C, (Z013, Z858)	R5T185L483-01(1/2)- CIPZZ-2-5-63,T-440- 385U-S(0-100)C, (Z013, Z858)	0.750-G0065-SLT5-PR	0.750-G0065-SLT5-PR	2.000-GC065-SLT5-PR
	MANUFACTURER	Sani-Matic	Pyromation	Pyromation	Pyromation	Saunders	Saunders	Saunders
	TAG#	TK-300 CV-306	TE/TT-005	TE/TT-017	TE/TT-018	XV-002	XV-018	XV-030
	ITEM #	35	36	37	38	39	40	41



### ULTRAFLOW ALD CIP SYSTEM

## MECHANICAL BILL OF MATERIALS

CUSTOMER: Aphena Pharma Solutions

SMI Pk.JECT # 107657

_							
	LOCATION	Drain - Tote	PW Supply	Chem 1 - Alkaline	Chem 2 - Acid	CIP Supply -	CIP Supply - Zone 2
	SIZE	2.0"	1.0.	0.50"	0.50"	2.0"	2.0"
CONN	TYPE	BW x TC	57	5	5	BW x TC	BW×TC
ELEC.	SPEC.	N.A.	N/A	N/N	N/N	N/N	N/A
	RANGE	N/A	N/A	N/A	N/A	N/A	N/A
	ACTUATION	r. O	Ö.	Ö.	Ö.	Ö.	Ö.
	MATERIAL	316L SS	316L SS	316L SS	316L SS	316L SS	316L SS
	DESCRIPTION	Diaphragm valve, forged body, 25 Ra max ID, as-cast external finish, modified PTFE / EPDM backed diaphragm, S360 Lite SS pneumatic actuator (Material, Surface Finish, & Diaphragm Certs Req'd)	Diaphragm valve, forged body, 25 Ra max ID, as-cast external finish, modified PTFE / EPDM backed diaphragm, \$360 Lite SS pneumatic actuator (Material, Surface Finish, & Diaphragm Certs Req'd)	Diaphragm valve, forged body, 25 Ra max ID, as-cast external finish, modified PTFE / EPDM backed diaphragm, EC5P black plastic shell pneumatic actuator (Material, Surface Finish, & Diaphragm Certs Req'd)	Diaphragm valve, forged body, 25 Ra max ID, as-cast external finish, modified PTFE / EPDM backed diaphragm, EC5P black plastic shell pneumatic actuator (Material, Surface Finish, & Diaphragm Certs Req'd)	Diaphragm valve, forged body, 25 Ra max ID, as-cast external finish, modified PTFE / EPDM backed diaphragm, S360 Lite SS pneumatic actuator (Material, Surface Finish, & Diaphragm Certs Req'd)	Diaphragm valve, forged body, 25 Ra max ID, as-cast external finish, modified PTFE / EPDM backed diaphragm, S360 Lite SS pneumatic actuator (Material, Surface Finish, & Diaphragm Certs Req'd)
SMI PART	#	5	044356	050734	050734	052513	052513
SERIAL#/	LOT#	4-86192-2-2	4-86225-5-1	4-86225-9-1	4-86225-9-2	4-86192-2-3	4-86192-2-4
MANUFACTURER		2.000-GC065-SLT5-PR	1.000-G0065-SLT5-PR	0.500-G0065-EC5FP- PR	0.500-G0065-EC5FP.	2.000-GC065-SLT5-PR	2.000-GC065-SLT5-PR
	MANUFACTURER	Saunders	Saunders	Saunders	Saunders	Saunders	Saunders
	TAG#	XV-031	XV-103	XV-205	XV-305	XV-401	XV-402
	TEM#	42	43	44	45	46	47



Ref. SMI Dwg#: 839701 = PID Ref. SMI Dwg#: 289486 = G.A. Prepared By: Xav Lee

MECHANICAL BILL OF MATERIALS ULTRAFLOW CIP SYSTEM

CUSTOMER: Aphena Pharma Solutions

SMI PL LECT # 107657

Jul 20 Rev. D

SMI PART ELEC. CONN.  # DESCRIPTION MATERIAL ACTUATION RANGE SPEC. TYPE SIZE LOCATION	DESCRIPTION MATERIAL ACTUATION RANGE SPEC.	/ SMI PART ELEC. C # DESCRIPTION MATERIAL ACTUATION RANGE SPEC.	IRER     SERIAL#I     SMI PART     DESCRIPTION     MATERIAL     ACTUATION     RANGE     SPEC.		2
SMI PART ELEC. C # DESCRIPTION MATERIAL ACTUATION RANGE SPEC.	/ SMI PART ELEC. C # DESCRIPTION MATERIAL ACTUATION RANGE SPEC.	IRER     SERIAL#/     SMI PART     DESCRIPTION     MATERIAL     ACTUATION     RANGE     SPEC.	MANUFACTURERSERIAL#1SMI PARTSMI PARTDESCRIPTIONMATERIALACTUATIONRANGESPEC.		LOCA
SMI PART ELEC. C # DESCRIPTION MATERIAL ACTUATION RANGE SPEC.	/ SMI PART ELEC. C # DESCRIPTION MATERIAL ACTUATION RANGE SPEC.	IRER     SERIAL#/     SMI PART     DESCRIPTION     MATERIAL     ACTUATION     RANGE     SPEC.	MANUFACTURERSERIAL#1SMI PARTSMI PARTDESCRIPTIONMATERIALACTUATIONRANGESPEC.	14.0	SIZE
SMI PART DESCRIPTION MATERIAL ACTUATION RANGE	/ SMI PART DESCRIPTION MATERIAL ACTUATION RANGE	IRER SERIAL#/ SMI PART DESCRIPTION MATERIAL ACTUATION RANGE S	MANUFACTURER     SERIAL # / LOT #     SMI PART     DESCRIPTION     MATERIAL     ACTUATION     RANGE	CONN.	1175
SMI PART DESCRIPTION MATERIAL ACTUATION R	/ SMI PART DESCRIPTION MATERIAL ACTUATION R	IRER SERIAL#/ SMI PART DESCRIPTION MATERIAL ACTUATION R	MANUFACTURER     SERIAL # / LOT # #     SMI PART     DESCRIPTION     MATERIAL     ACTUATION     R	ELEC.	SPEC.
(1)	s -	IRER SERIAL#/ S LOT#	MANUFACTURER SERIAL#/ S PART# LOT#	DANCE	LANGE
(1)	s -	IRER SERIAL#/ S LOT#	MANUFACTURER SERIAL#/ S PART# LOT#	MOLEVIILL	NOTION
(1)	S /	IRER SERIAL#/ S LOT#	MANUFACTURER SERIAL#/ S PART# LOT#	INATION	MAIENIAL
(1)	S /	IRER SERIAL#/ S LOT#	MANUFACTURER SERIAL#/ S PART# LOT#	NOITGIGGSTG	DESCRIPTION
	200	JRER SERIAL#/	MANUFACTURER SERIAL#/	m	
MA	MANUFACT	TAG#	-	TAG #	100

Rev. A: 3 Dec 2019

- Released for Customer Approval

Rev. B: 20 Dec 2019

- Updated per GA and CHG-001

Rev. C: 20 Apr 2020
-Replace XV-205 & XV-305 w/ EC5P series actuator

-'Per FAT

Rev. E: 20 July 2020 -Per additional testing



2855 Innovation Way • Sun Prairie, WI 53590 • 800-356-3300

Ref. SMI Dwg#: 839701 = PID Ref. SMI Dwg#: 289486 = G.A. Prepared By: Xav Lee

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