

LMV5 SYSTEM ORDER SHEET				
Email: customerservice@scccombustion.com		Fax: (224) 366-8455		
Company Name			PO#	
Required Ship Date			Ship To Address	
Shipping Method				
	Description	Part Number	Qty	
Control Panel Components	Base Unit (Qty 1 Required)	Float/bump	LMV51.040C1	
		Load control	LMV51.140C1	
		VFD/O <sub>2</sub> trim/fuel meter	LMV52.240B1	
		Advanced O <sub>2</sub> trim	LMV52.440B1	
	Transformer (Qty 1 or 2 Required)	120V to (3) 12V transformer	AGG5.210	
	Display Unit (Qty 1 Required)	Display unit w/ Modbus	AZL52.40B1	
	Display Cable (Qty 1 Required)	9' AZL to LMV5 cable	AGG5.635	
	Plug Set (Qty 1 Required)	Typical base plug set	AGG5.720	
		Maximum system plug set	AGG5.7COMPLETE	
	Strain Relief (Qty 1 Required)	For CANbus grounding	AGG5.110	
	Touchscreen Kit (Optional)	Write in part number (see Doc. No. TS-1000)		
	LMV5 Mounting Brackets (Qty 2 Recommended)	For electrical enclosure	BR-LMV5	
	Control Panel Spare Parts (Optional)	120V main fuse	FUSE6.3A-SLOW	
		12V CANbus fuse	FUSE4.0A-SLOW	
5 pack of 4-pins		1840382(5)		
5 pack of 5-pins		1840395(5)		
3 pack of 6-pins		1840405(3)		
Transformer plugs		AGG5.2PLUGS		
Spark quencher		XEB0471		
RS-232 to RS-485 converter kit		TS-5X-KT		
Air Damper Assembly	Actuator (Qty 1 Required)	27 in-lb, 10mm "D"	SQM45.295B9	
		SQM45.295B9 with NEMA 4 kit	SQM45.295B9-N4	
		177 in-lb, 14mm keyed	SQM48.497B9	
		SQM48.497B9 with NEMA 4 kit	SQM48.497B9-N4	
		310 in-lb, 14mm keyed	SQM48.697B9	
		SQM48.697B9 with NEMA 4 kit	SQM48.697B9-N4	
	600 in-lb, 25mm keyed	SQM91.391A9		
	Coupling (Qty 1 Required)	Write in part number (see Doc. No. CPBK-1000)		
	Mounting Bracket Kits (Optional)	Write in part number (see Doc. No. CPBK-2000)		
	Cleaver Brooks Retrofit Kits (Optional)	Kit for SQM48	BR-48CBAIR	
		Kit for SQM45	BR-3345CBAIR	
Lucoma Air Damper Mounting Brackets (Optional)	Kit for SQM48	BR-SQM48-LUC		
	Kit for SQM45	BR-SQM3345-LUC		

	Description	Part Number	Qty
Gas Firing Rate Valve	<b>Valve Actuator Assemblies</b> <i>(Qty 1 Required if Firing Gas)</i>	Write in part number (see Doc. No. VA-1000 or VA-3000)	
Oil Firing Rate Control Valve	<b>Valve Actuator Assemblies</b> <i>(Qty 1 Required if Firing Oil and Not Using a Cleaver Brooks Oil Valve)</i>	Write in part number (see Doc. No. VA-4000)	
	<b>Cleaver Brooks Retrofit Kits</b> <i>(Optional)</i>	Kit for SQM48	BR-48CBOIL
		Kit for SQM45	BR-45CBOIL
FGR Control Valve	<b>Valve Actuator Assemblies</b> <i>(Qty 1 Required if Using FGR)</i>	3" high temp assembly	VA48.4-3.0VKF-HT
		4" high temp assembly	VA48.4-4.0VKF-HT
		6" high temp assembly	VA48.4-6.0VKF-HT
		8" high temp assembly	VA48.4-8.0VKF-HT
		Write in part number (see Doc. No. VA-3000)	
Actuator Accessories	<b>CANbus Cable</b> <i>(Qty 1 Required)</i>	100' roll	AGG5.643(100)
		500' roll	AGG5.643
	<b>Electrical Cable Adapters</b> <i>(Optional)</i>	Short M16 to 1/2" metal (5)	ADP-M16XE500(5)
		Long M16 to 1/2" metal (5)	ADP-M16XE500-LONG(5)
		M16 to 1/2" nylon	7466201040
		M16 cord grip	7466200470
	<b>NEMA 4 Kits</b> <i>(Optional)</i>	SQM45 NEMA 4 kit	BR-N4-SQM45
		SQM48 NEMA 4 kit	BR-N4-SQM48
<b>Explosion Proof Housing</b> <i>(Optional)</i>	SQM48 exp. proof housing	LMV5-XPR-SQM48	
Flame Scanners	<b>Flame Scanners</b> <i>(Qty 1 Required)</i>	IR forward view	QRI2A2.B180B
		IR side view	QRI2B2.B180B
		UV side view	QRA75.A17
Flame Scanner Accessories	<b>QRA75 Cable</b> <i>(Qty 1 Required per QRA75)</i>	12' cable	AGM23U
	<b>QRI Accessories</b> <i>(Optional)</i>	Mount for forward view	AGG2.110
		1/2" conduit adapter	AGG2.120
		Mount for side view	AGG90.U
		Explosion proof housing	LMV5-XPR-QRI
	<b>QRA Accessories</b> <i>(Optional)</i>	Mount for side view	AGG16.U
		Thermal barrier	THERMAL-1X75
		Heat insulating lens	AGG02
		Magnifying lens	AGG03
Sensors	<b>Pressure Sensors</b> <i>(Qty 1 Required for Steam Boilers)</i>	Write in part number (see Doc. No. SEN-2000)	
	<b>Temperature Sensors</b> <i>(Qty 1 Required for Hot Water Boilers, Optional for Other Applications)</i>	Pt100, 3-wire, -4...374°F	QAE2020.001
		Pt1000, 2-wire, -4...374°F	QAE2012.001
		Pt1000, 2-wire, -50...900°F	QAE2012.9002
		Ambient air -58...158°F	QAC22
		Flue gas -50...900°F	QAM-P210
	Write in part number (see Doc. No. SEN-1000)		
VFDs	<b>VFDs, Brake Resistors, Line / Load Reactors</b>	Write in part number	
	<b>Speed Sensor</b> <i>(Qty 1 Required per VFD)</i>	Speed sensor kit for conduit	AGG5.305
		Speed sensor kit w/o conduit	AGG5.310
		Explosion proof speed sensor kit	LMV5-XPR-SS

<b>O<sub>2</sub> Trim Components</b>	<b>O<sub>2</sub> Module</b> <i>(Qty 1 Required for O<sub>2</sub> Trim)</i>	Connects QGO to LMV52	PLL52.110A100	
	<b>O<sub>2</sub> Sensor</b> <i>(Qty 1 Required for O<sub>2</sub> Trim)</i>	Max temp 575°F	QGO20.000D17	
		Sensor for heavy oil applications	QGO21.000D17	
	<b>Flue Gas Collector</b> <i>(Qty 1 Required for O<sub>2</sub> Trim)</i>	Weldless, up to 16" stack	AGO20.001SDS-KT	
		Weldless, over 16" stack	AGO20.002LDS-KT	
		Weld, up to 16" stack	AGO20.001A	
		Weld, over 16" stack	AGO20.002A	
		Weld, for heavy oil applications	AGO21.000A	
<b>O<sub>2</sub> Cable</b> <i>(Qty 1 Required for O<sub>2</sub> Trim)</i>	6-conductor, 35' length	C8120(35)		
<b>ACS 450</b>	<b>Cables</b> <i>(Optional)</i>	Null modem	P454-006	
		USB-to-serial	ACS-AC-FTDIUSB1	