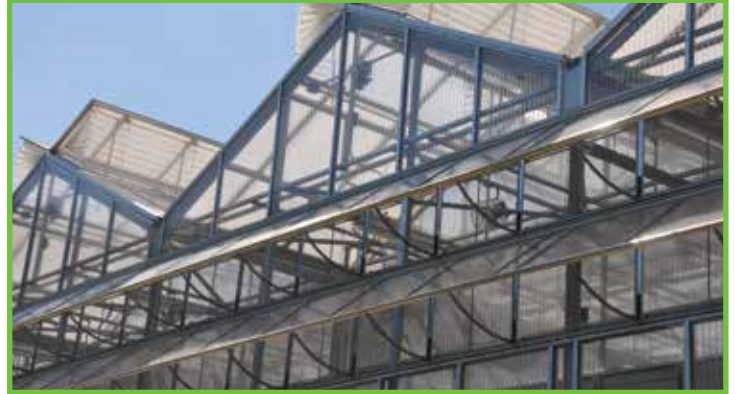


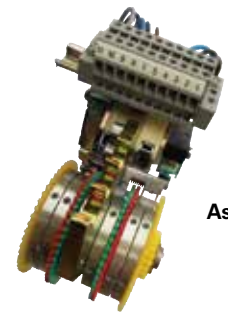


Vent & Curtain Drive Systems

STRONG, COMPACT, RELIABLE are Lock products. Lock Drives are known globally as the finest when it comes to accuracy, with precise opening and closing positions due to its limit switch system. These limits feature Swiss made micro switches that are set by tightening three Allen head screws in each direction. Once they are set they will continue to run for many years without any attention. The EWA 12, 14 and 16 units have safety limits. There is an extra micro switch in each direction that will cut off the power to the motor if the system is forced past the stopping point. Lock Gear Motors are operated by Link4 iDrive Motor Controllers. Lock Gear Motors that are single phase, have line voltage limits and require iDrive 300 and do not use the low voltage limit switch interface. Lock Gear Motors that are three phase are low voltage 24VAC typical and require the three phase version of the iDrive 300 and utilize the low voltage limit switch interface.



MAXIMUM LENGTH OF VENT OR WALL	50ft / 15m	100ft/ 30m	150ft / 45m	200ft / 60m	250ft / 76m
ROOF VE, PAD & WALL VENT					
Safety glass	EWA 12.2503	EWA 14.3503	EWA 14.6003	EWA 16.9003	EWA 16.9003
8mm double poly carbonate	EWA 10.0903	EWA 12.1503	EWA 12.2503	EWA 12.2503	EWA 14.3503
Corrugated poly carbonate "single"	EWA 10.0503	EWA 12.1503	EWA 12.1503	EWA 12.2503	EWA 12.2503
GUILLOTINE VERTICAL VENT SYSTEM					
Safety glass	EWA 12.1503	EWA 14.3503	EWA 14.6003	EWA 16.9003	EWA 16.9003
8mm double poly carbonate	EWA 12.1503	EWA 12.2503	EWA 12.2503	EWA 14.3503	EWA 14.4503
Corrugated poly carbonate "single"	EWA 12.1503	EWA 12.1503	EWA 12.2503	EWA 14.3503	EWA 14.4503
INTERIOR SHADE SYSTEM					
	Up to 3,000 sq ft		3,000-6,000 sq ft		6,001-13,000 sq ft
Lock EWA Drive	EWA 12.1503		EWA 12.2503		EWA14.4503
Knuckle arm vent	EWA 12.1501		<i>Call Hummert for design application</i>		



Limit Switch Assembly

Model	Force	Torque	Amps	Voltage	RPM	Drive Size	Catalog #
EWA10.0503	50Nm	450 in lb	1.7	120	3	1-3/8" or 1-5/8"	29-29000
EWA10.0903	90Nm	800 in lb	1.8	120	4.3	1-3/8" or 1-5/8"	29-29020
EWA12.1501	150Nm	1,300 in lb	7.0	120	1.9	1-3/8" or 1-5/8"	29-30830
EWA12.1503	150Nm	1,330 in lb	7	120	3.8	1-3/8" or 1-5/8"	29-29040
EWA12.2503	250Nm	2,210 in lb	4.3/2.0	240/208	3.8	1-3/8" or 1-5/8"	29-30810
EWA12.2503	250Nm	2,210 in lb	8.6	120	3.8	1-38" or 1-5/8"	29-29060
EWA14.4503	450Nm	4,000 in lb	4.7	240	3.8	1-3/8" or 1-5/8"	29-30840
EWA14.6003	600Nm	5,300 in lb	5.7	240	3.8	1-3/8" or 1-5/8"	29-30850
EWA14.3503	350Nm	3,000 in lb	4.4	240	3.8	1-3/8" or 1-5/8"	29-30860
RMA20.05	50Nm	531 in lb	2.3	120	12	Tube motor	29-29080
RMA20.12	120Nm	1,060 in lb	4.4	120	11	Tube motor	29-29100

When Lock Gear Motors are installed in an exterior application, they must have a protective cover

*
SHIPPED FOB:
North Carolina

Lock Gearbox Accessories

Model	Application	Catalog #
MPL 42 11US	8.5" Side Mounting Plate for pad and roof vents	29-30870
MPL 42 1158	22" Side Mounting Plate for pad and roof vents	29-30890
ES20	Replacement Limit Switch Assembly	29-30980
1KG	Rack grease ZLF2	29-30700