

Product Data Sheet

HD-CD 2530

Low Headroom Parking Door



Features



A springless, chain drive low headroom rubber door designed for parking garages where extremely reliable, high-cycle operation is a must.

- This high-performance rubber door is best suited for any application where headroom clearance is extremely limited; minimum required head room 13"
- Patented aluminum bottom bar with knock-away pivot arms designed to withstand vehicle impact with no downtime
- Door is easily reset from the floor without the use of special tools or replacement parts
- A high efficiency helical gearhead operator with VFD (Variable Frequency Drive) handles extremely high daily cycles typical of a parking entrance
- Multi-function controller allows for a wide range of activation and safety devices
- Suitable for applications up to 25 feet wide and 10 feet high

Technical Data				
Application		Interior / Exterior		
Speed		Opening	Closing	
		Opening 30 ips (0.8 m/s)	Closing 20 ips (0.5 m/s)	
Control Box		20" x 24" x 11" (510 mm x 610 mm x 280 mm)		
Roll-up Technology		Roll tube with precision-welded axles		
Door Construction	Size (W x H)	7'-0" (2134 mm) up to 25'-0" (7620 mm) wide 6'-0" (1829 mm) up to 10'-0" (3048 mm) high		
	Guide Track Profile	5.25" x 9" (140 mm x 230 mm) 9.25" x 9" (230 mm x 230 mm)		Steel mount Concrete mount
	Roll Tube Diameter	6.625" (169 mm)		
	Window Size	16" x 16" (406 mm x 406 mm), 0.125" (3 mm) thick		
Required Headroom		13" (330 mm)		
Drive Mechanism		Chain drive operator with manual chain hoist		
Counterbalance System		Not required		
Braking		Control box activated DC disc brake		Optional BMH brake rectifier for cold temperatures
Cycleability / Maintenance		Unlimited cycles per day Inspection every three months		
Safety Features		Integrated in-line light grid, manual chain hoist		
Resistance to Wind Load		20 pounds per square foot (1.0 kPa) windclass 5		ANSI / DASMA 108-2002
Fire Resistance Rating		Non-rated, Non-conforming exit		
Warranty		Curtain - Limited lifetime Operator - 5 years or 1 million cycles General - 2 years		Curtain - 10 years in Europe

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Curtain	Standard 1/4" (6 mm) Black SBR (Styrene-Butadiene Rubber)	Optional: 1/4" (6 mm) Blue or Grey EPDM (Ethylene Propylene Diene Monomer), Black Nitrile, Black MSHA (Mine Safety and Health Administration)
Curtain Temperature Rating	SBR: -40°F (-40°C) to 185°F (85°C)	Grey EPDM: -63°F (-53°C) to 185°F (85°C) Blue EPDM: -56°F (-49°C) to 185°F (85°C)
Guides	5" (127 mm) aluminum extrusion	
Mounting Angles	Rollformed high strength galvanized steel, 10 gauge with gussets	
Guide Guards	Rollformed high strength galvanized steel, 10 gauge	
Bottom Bar	Extruded aluminum weighted bottom bar with patented pivoting arms	
Endplates	Zinc dichormate plated steel	
Truss	Fabricated steel construction, painted	
Roll Tube	Galvanized steel	
Weather Seals	Self sealing rubber curtain/guides, EPDM loop seal on bottom bar, brush seal at lintel	
Electric Door Operator	N/A	
Control Box	N/A	
Hood and Motor Cover (optional)	18 gauge galvanized steel	
Energy Analysis		
Visible Transmittance (Tvis)	N/A	
Solar Heat Gain Coefficient (SHGC)	N/A	
Thermal Resistance (R-value)	0.73 hr-ft ² -°F/BTU (0.13 m ² -K/W)	
Heat Transfer Coefficient (U-value)	1.36 BTU/hr-ft ² -°F (7.74 W/m ² -K)	
Acoustic Insulation	Sound transmission Class (STC) 28 dB Outdoor-Indoor transmission class (OITC) 23 dB	
LEED Credit	N/A	
Electrical		
Electric Door Operator (Motor)	Manaras Pro FDGH 2 to 5 hp (1.5 to 3.75 kW) varies by door size	NEMA Type 4 (4X Optional) / IP66
Operating Voltage (Motor)	230-460 VAC, 3 PH, 60 Hz	Operator voltage dependant on supply power voltage
Control Box	2 to 5 hp (1.5 to 3.75 kW) variable frequency drive rated for operator voltage	NEMA Type 4 (4X Optional) / IP66 CSA Listed (Canada/US)
Standard Power Requirement (to Control Box)	208-600 VAC, 3 PH, 60 Hz	
Full Load Amps	2.82 to 18.85 A	Operator
Disconnect	Fuse: 20 A, Class K	Service to control box supplied by others

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