

Motorized Curtain Track

Powerful + New Delac



- Motorized curtain rail suitable for medium weight draperies.
- Multi-purpose rail with hotel guest rooms, offices, shops and more.

Powerful + New Delac's Unique Features

Exceptionally durable wire used for motor drive transmission.

Ready for draperies up to 10 m (394") long with 30 kg (66 lb) in weight.

Motor Specifications

Item		Powerful 3L Series				Powerful 4P Series	
		Powerful 3L 220V		Powerful Little N3L 220 V		Powerful 4P 220 V	
Rated power voltage	VAC	220		220		220	
Rated power frequency	Hz	50	60	50	60	50	60
Rated power current	A	0.4	0.35	0.25	0.3	0.4	0.35
Power consumption	W	80	75	60	70	80	75
Operating voltage	VAC	Same as power source		Same as power source		Same as power source	
Operating current	A	Same as power source		Same as power source		Same as power source	
Time rating	min.	5		5		5	
Overheat protection operating temperature	°C	120±10		120±10		120±10	
Internal electric circuit		Built-in Inter rock circuit		Built-in Inter rock circuit		Auto keep circuit, built-in Inter rock circuit	
Operating switch spec.		Locker switch		Locker switch		3-button momentary contact switch Open: A contact Stop: B contact Close: A contact	
Weight of main unit	kg (lb)	1.8 (4.0)		1.8 (4.0)		1.8 (4.0)	
Operating time	sec./m	5	4	5	4	5	4
Maximum curtain weight	kg (lb)	30 (66)		30 (66)		30 (66)	
Maximum rail length	m (in)	10 (394")		10 (394")		10 (394")	

*Maximum curtain weight is for a two-way draw.

Applicable Range

Type of curtain track	New Delac 		
	Powerful 3L Powerful 4P	Maximum curtain weight kg (lb)	30 (66)
Installation Pattern	Maximum rail length m (in)	10 (394)	
	Powerful Little N3L	Maximum curtain weight kg (lb)	30 (66)
Power transmission type	Maximum rail length m (in)	10 (394)	
	Wire type	Straight	

Master roller

Rail overlap

Motor recessed in ceiling

*Maximum curtain weight is for a two-way draw.

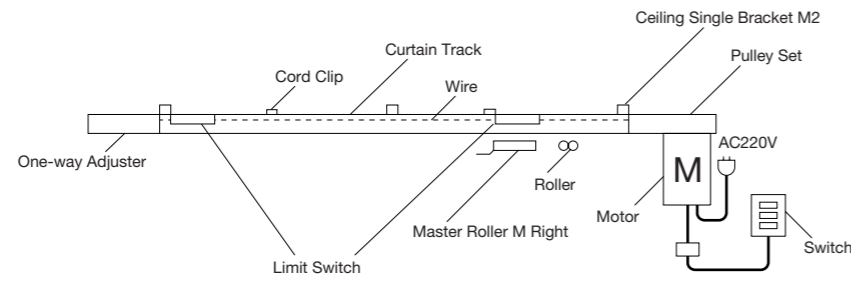
Stack-off Allowance Guide

Type	One-way Draw	Two-way Draw		
		Master Roller	Long Master Roller	Rail Overlap
Straight	$\frac{(\ell - 360 \text{ mm})}{100 \text{ mm}} \times 15 \text{ mm} + 360 \text{ mm}$	$\frac{(\ell - 550 \text{ mm})}{200 \text{ mm}} \times 15 \text{ mm} + 360 \text{ mm}$	$\frac{(\ell - 550 \text{ mm})}{200 \text{ mm}} \times 15 \text{ mm} + 430 \text{ mm}$	$\frac{(\ell - 210 \text{ mm})}{200 \text{ mm}} \times 15 \text{ mm} + 260 \text{ mm}$
	$\frac{(\ell - 14")}{3.9"} \times .59" + 14"$	$\frac{(\ell - 22")}{7.9"} \times .59" + 14"$	$\frac{(\ell - 22")}{7.9"} \times .59" + 17"$	$\frac{(\ell - 8.3")}{7.9"} \times .59" + 10"$

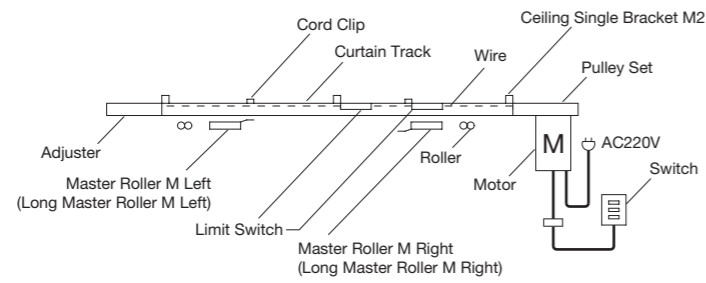
*Number of rollers: 8 pcs per meter. Overlap space for the rail overlap: 300 mm (12"). ℓ : total length. Two-way Draw in the table shows a length of stack-off space for one (half) panel.

Component Parts

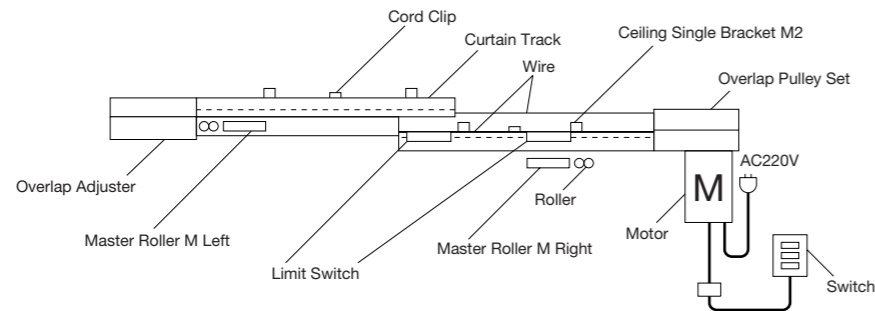
Straight: One-way draw



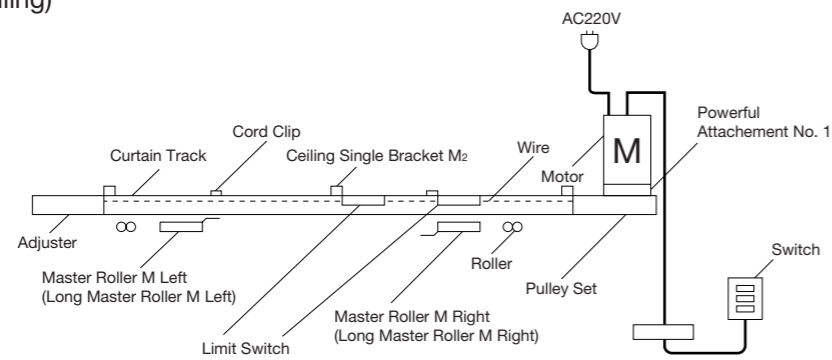
Straight: Two-way draw (Master roller)



Straight: Rail overlap

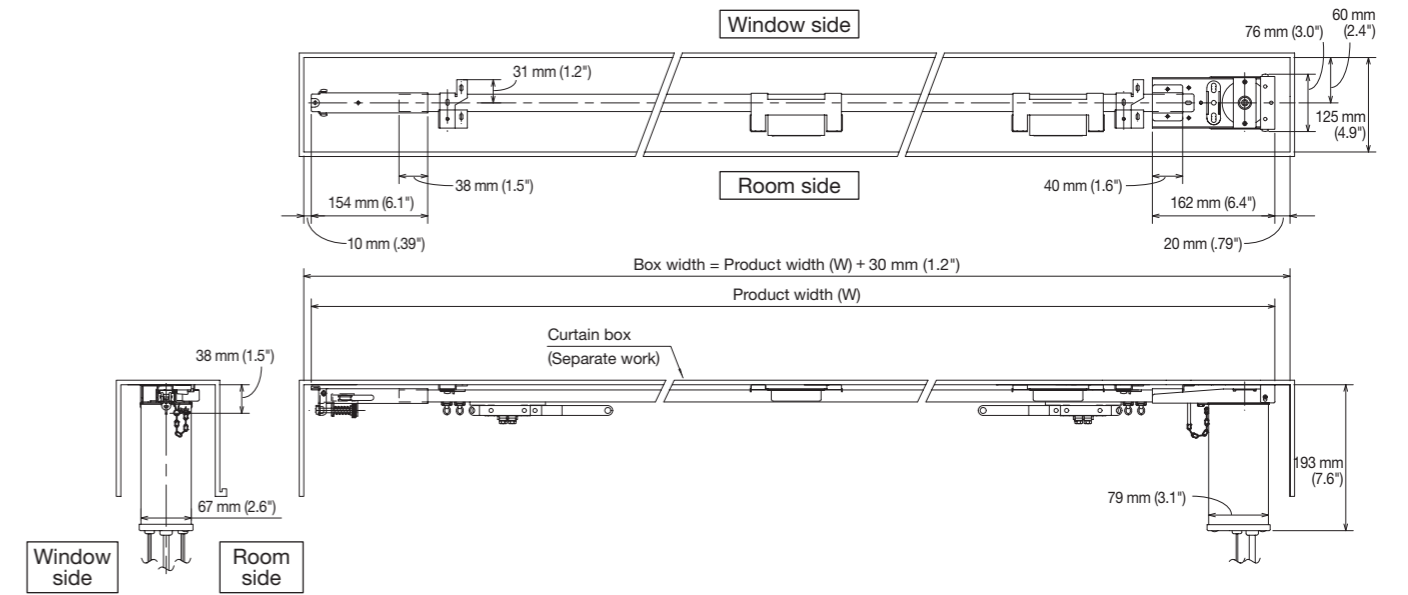


Straight: Two-way draw (Motor recessed in ceiling)

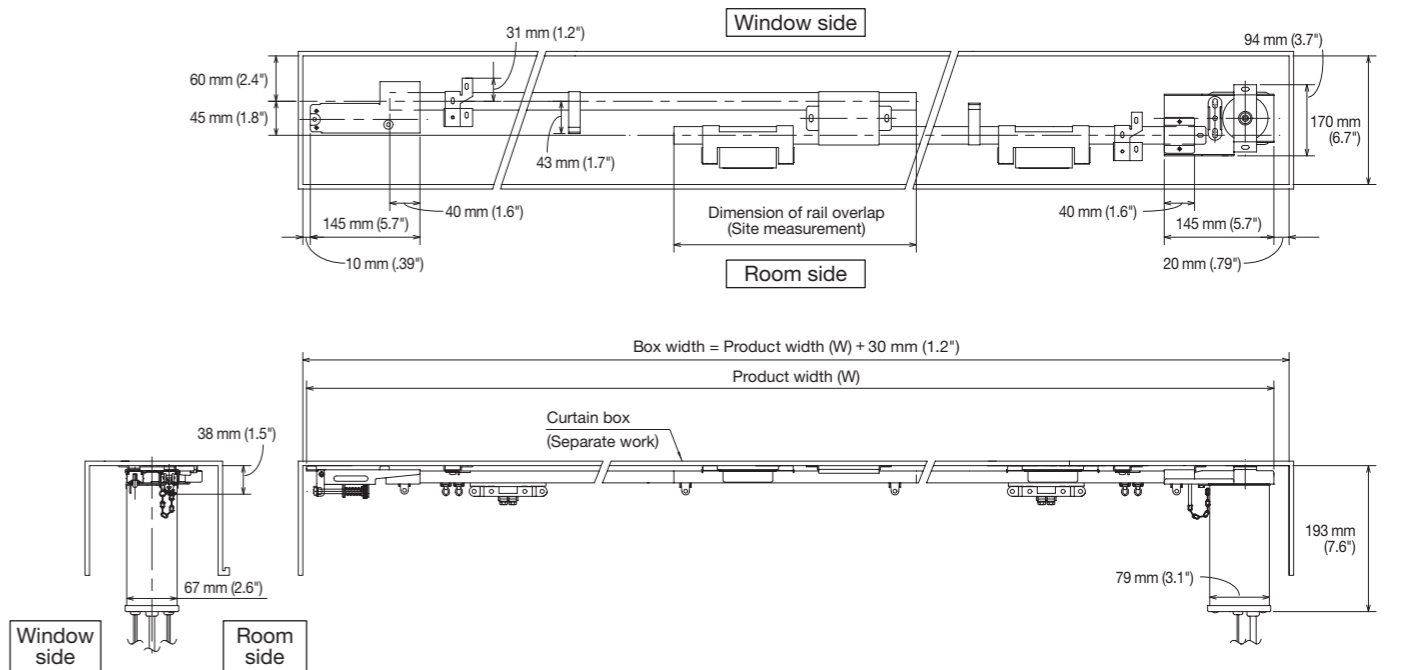


Installation Dimensions and Diagram

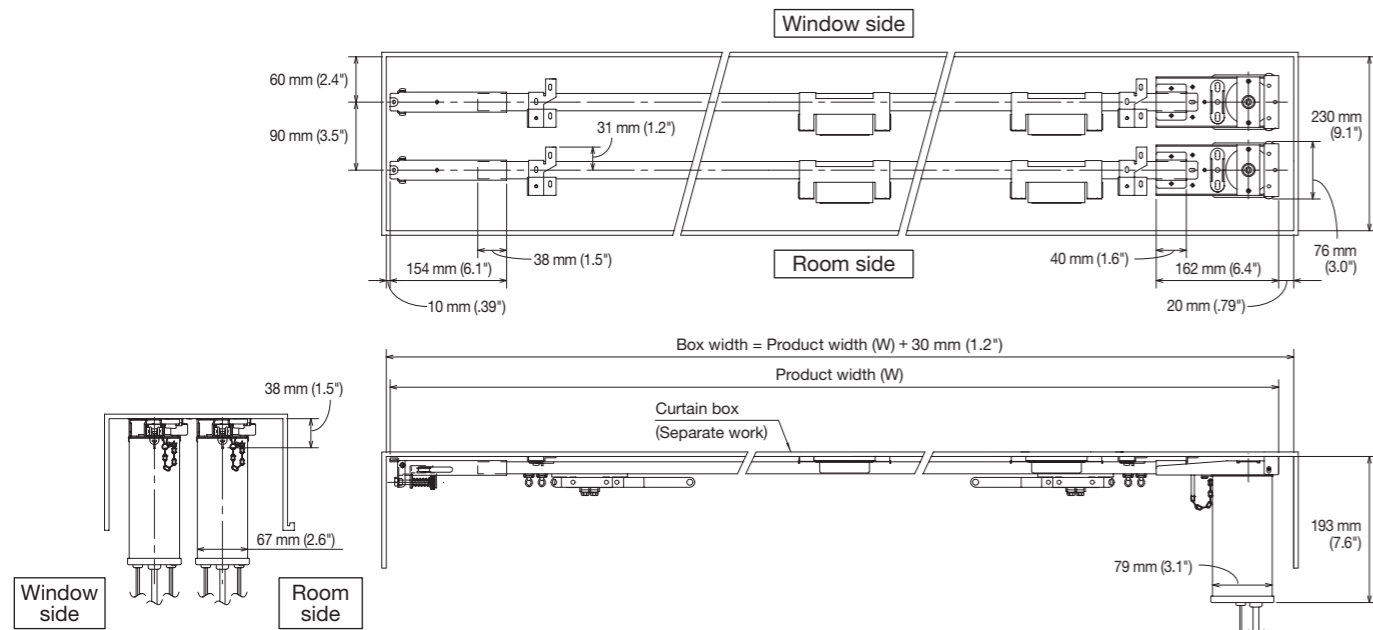
Straight: ceiling single attachment (Master roller)



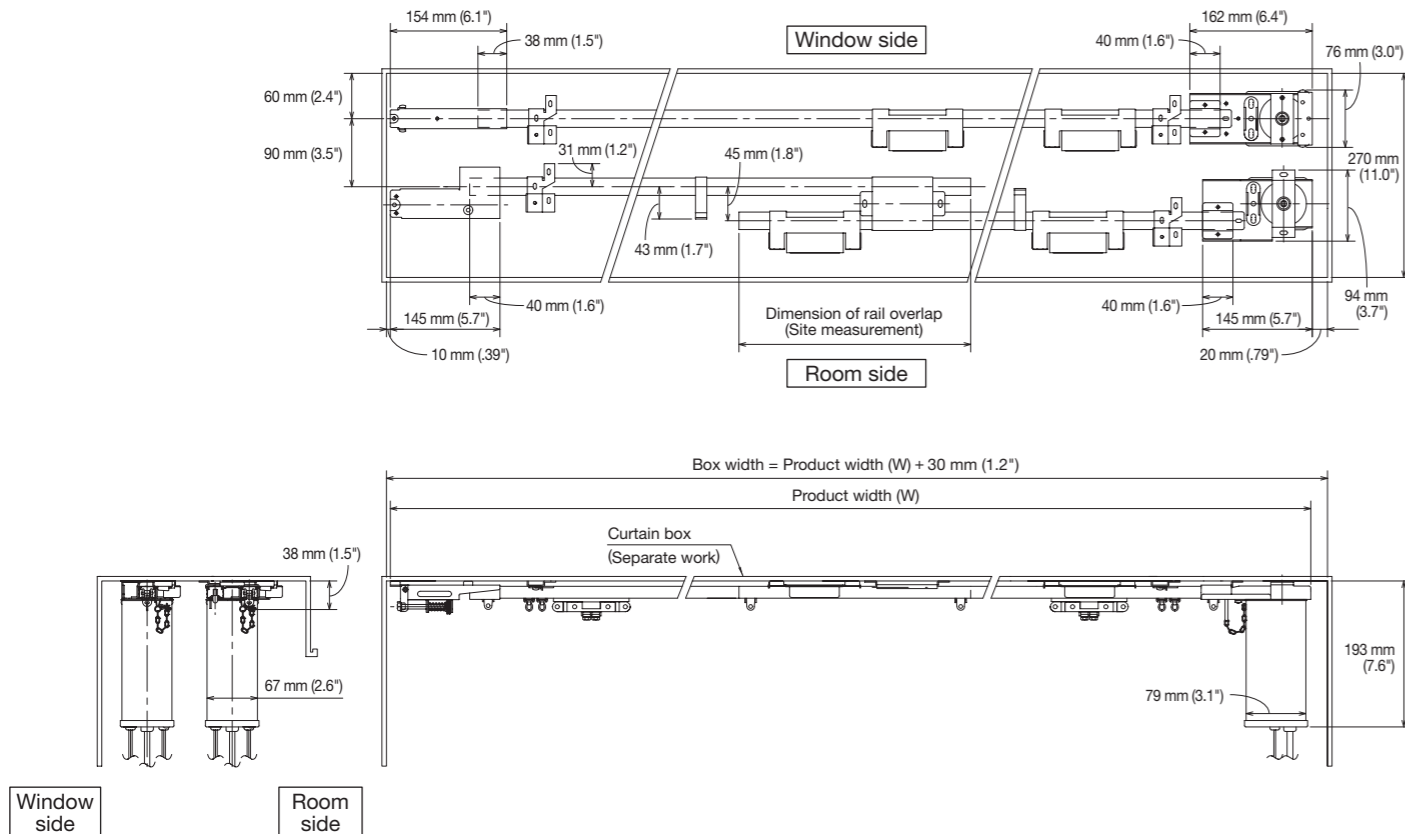
Straight: ceiling single attachment (Rail overlap)



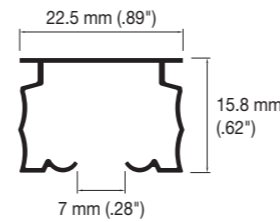
Straight: ceiling double attachment
(Master roller)



Straight: ceiling double attachment
(Room side: Rail overlap, Window side: Master roller)



New Delac Rails



New Delac Rails

Size	Product Code	
	White	Natural
1.82 m (72")	00210346	00210120
2.00 m (79")	00210347	00210121
2.73 m (107")	00210348	00210122
3.00 m (118")	00210349	00210123
3.64 m (143")	00210350	00210124
4.00 m (157")	00210351	00210125

Powerful + New Delac Parts

Product Name	Product Code	Product Name	Product Code	Product Name	Product Code
ND Ceiling Single Bracket M2	Natural 00510048	ND Pulley Set (wire)	Natural 00510050	ND Overlap Installation Kit M (wire)	00510106
	White 00510327		White 00510322		
ND Roller (8 pieces per strip)	00210027	ND Adjuster	Natural 00510053	Master Roller Right: 1 Master Roller Left: 1	00510106
			White 00510323		
ND Master Roller M Right (wire)	00510080	ND One-way Adjuster	Natural 00210252	Adjuster: 1 Overlap Bracket: 1	00510061
			White 00510324		
ND Master Roller M Left (wire)	00510081	ND Limit Switch A	Natural 00510301	ND OT Splice	Natural 00210024
			White 00510325		White 00210323
ND Long Master Roller M Right (wire)	00510034	ND Limit Switch B	Natural 00510302	Wire ø 1.5	00510072
			White 00510326		
				ND Cord Clip	00510049