

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

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 220 V		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						
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	<p>New Delac</p>
Installation pattern	<p>Straight</p> <p>Master roller</p>
	<p>Rail overlap</p>
	<p>Motor recessed in ceiling</p>
Power transmission type	Wire type

Powerful 3L Powerful 4P	Maximum curtain weight	kg (lb)	30 (66)
	Maximum rail length	m (in)	10 (394)
Powerful Little N3L	Maximum curtain weight	kg (lb)	30 (66)
	Maximum rail length	m (in)	10 (394)

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

Stack-off Allowance Guide

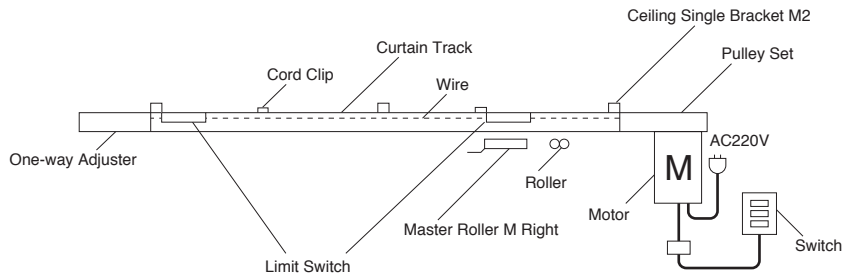
Type	One-way Draw	Two-way Draw		
		Master Roller	Long Master Roller	Rail Overlap
Straight	$\frac{(\ell - 360 \text{ mm})}{100 \text{ mm}} \times 15 \text{ mm} + 360 \text{ mm}$	$\frac{(\ell - 550 \text{ mm})}{200 \text{ mm}} \times 15 \text{ mm} + 360 \text{ mm}$	$\frac{(\ell - 550 \text{ mm})}{200 \text{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

*Number of rollers: 8 pieces 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.

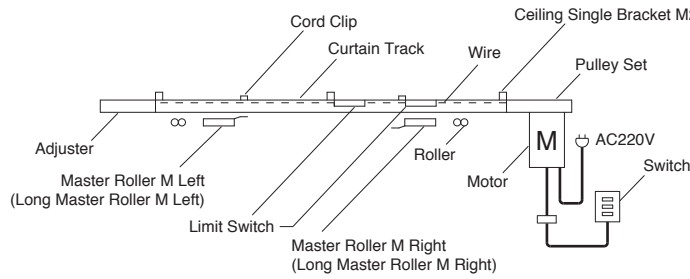
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Component Parts

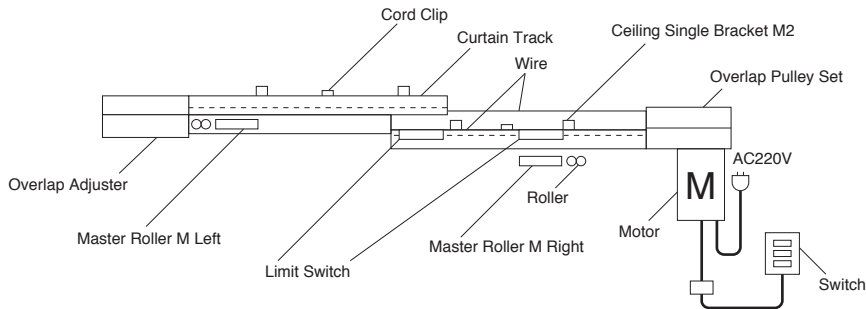
Straight: One-way draw



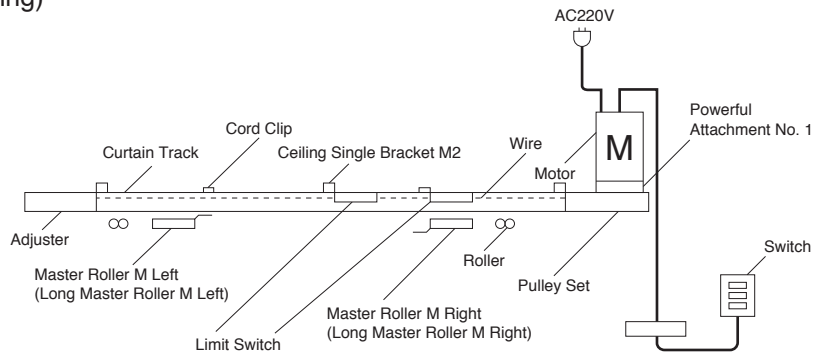
Straight: Two-way draw (Master roller)



Straight: Rail overlap

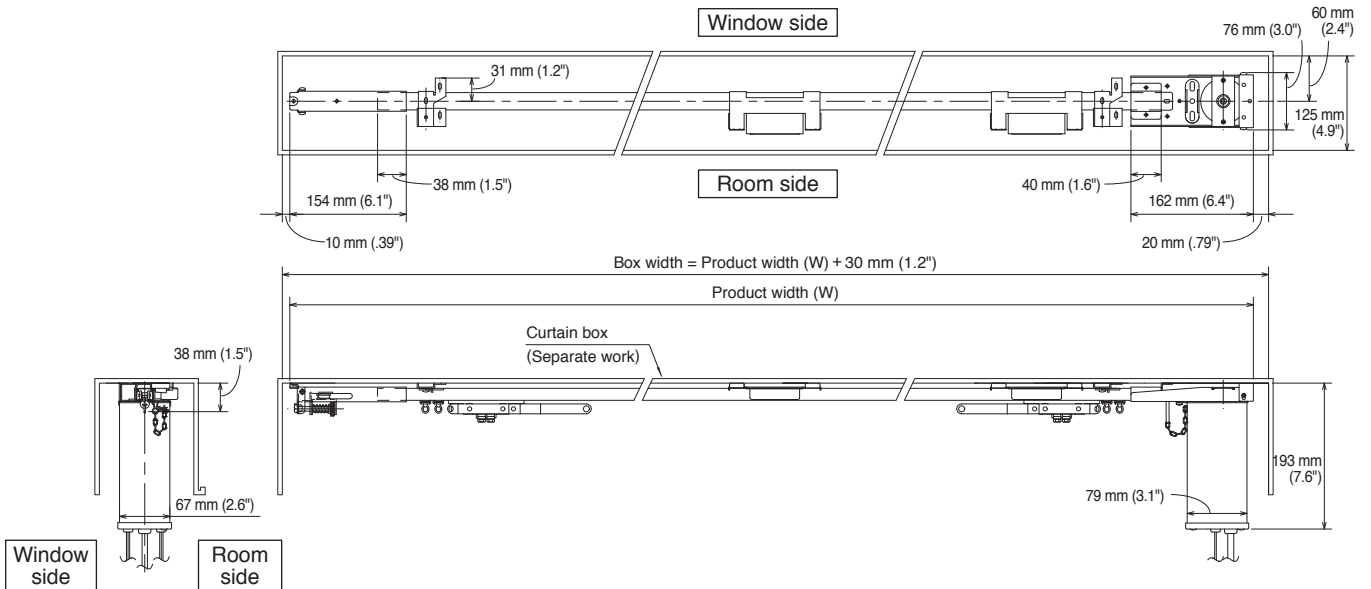


Straight: Two-way draw (Motor recessed in ceiling)

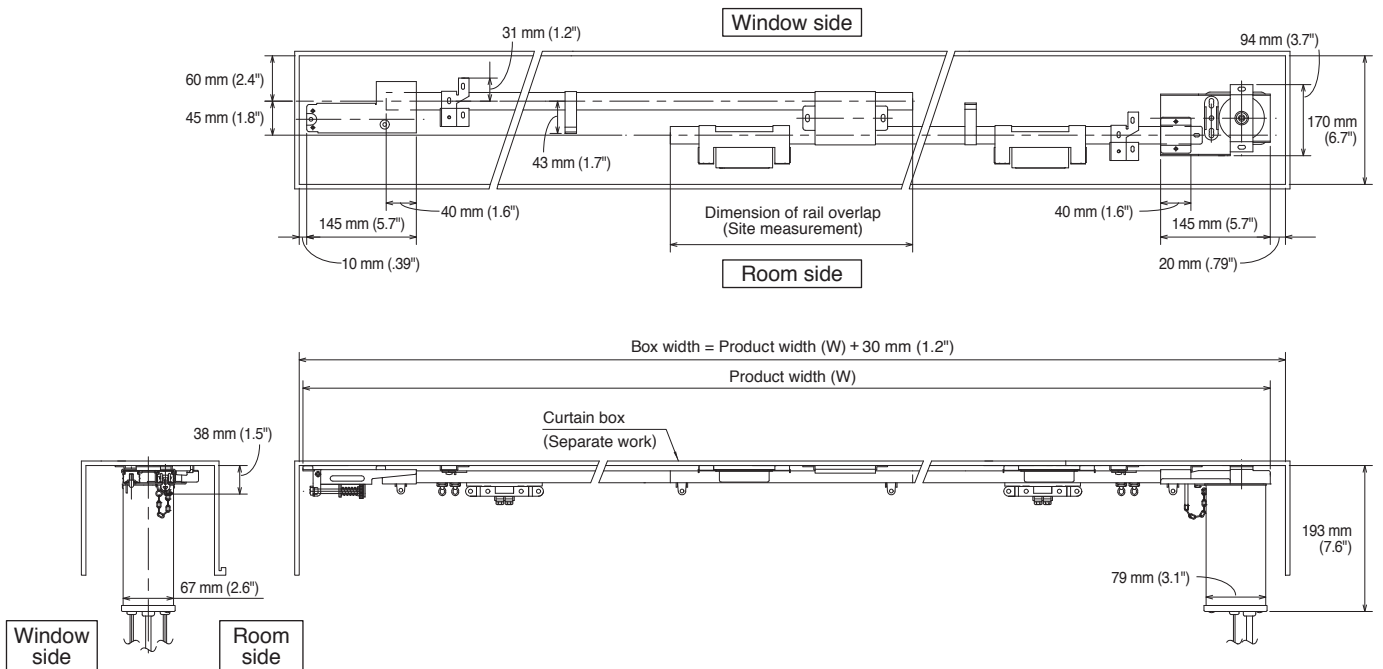


Installation Dimensions and Diagram

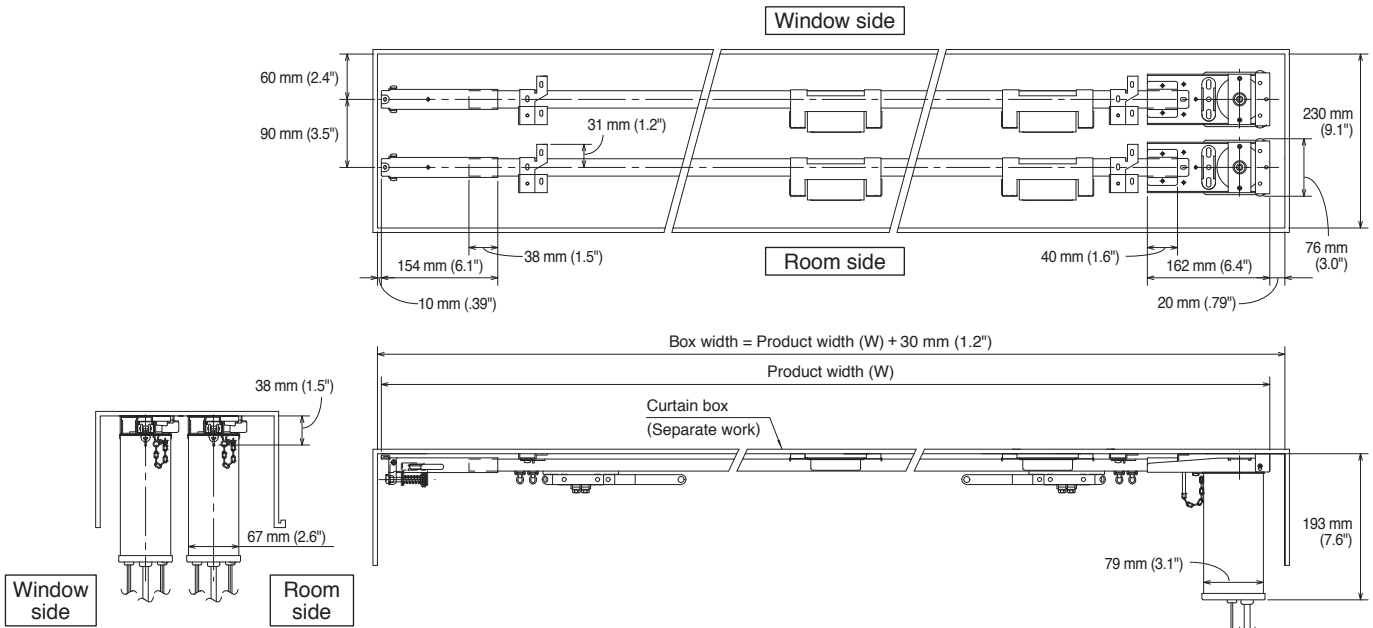
Straight: ceiling single attachment
(Master roller)



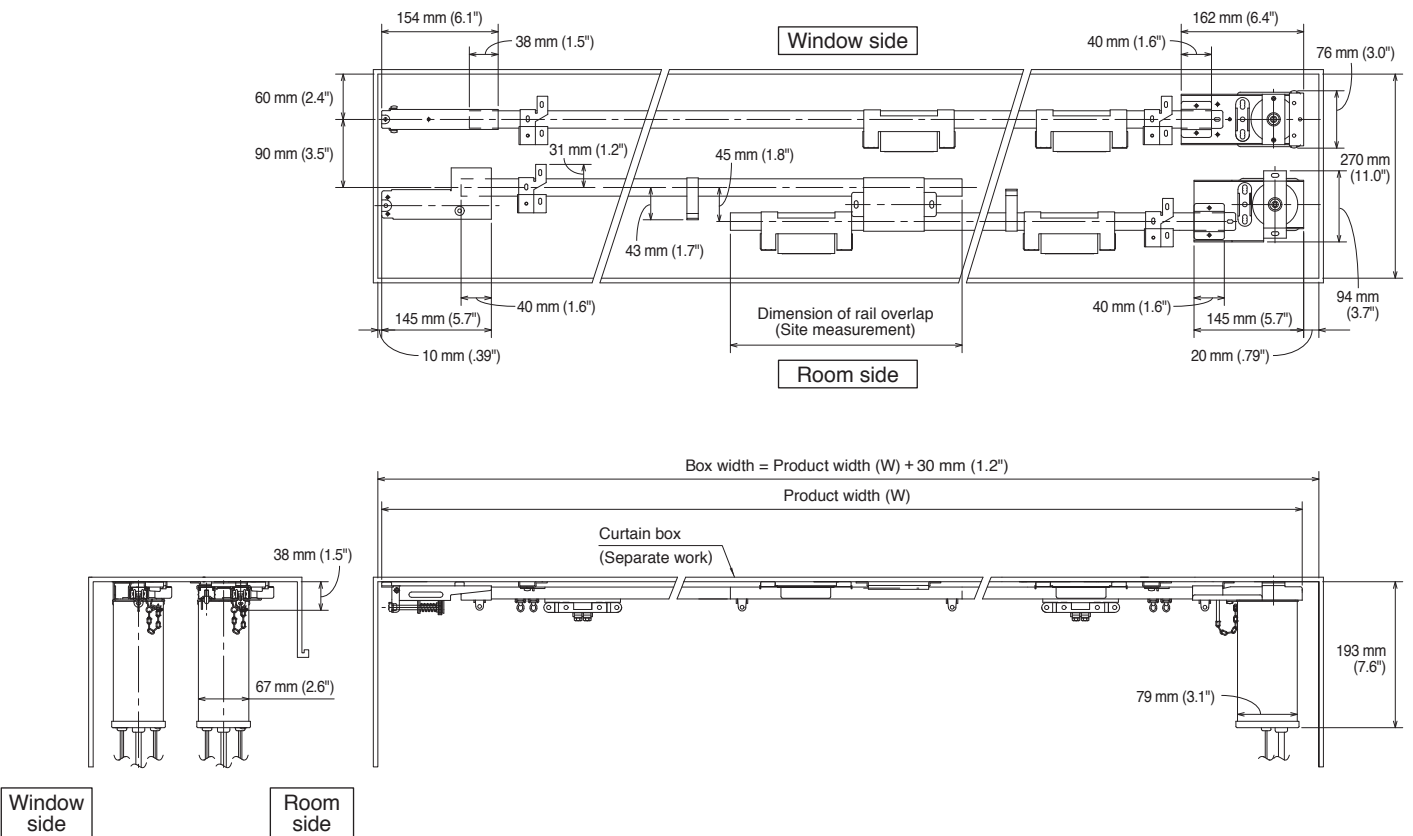
Straight: ceiling single attachment
(Rail overlap)



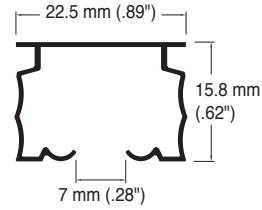
Straight: ceiling double attachment (Master roller)



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

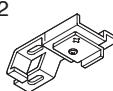
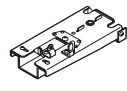
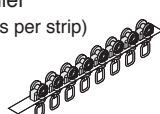
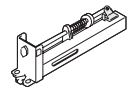
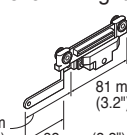

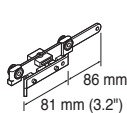

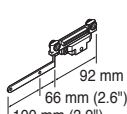
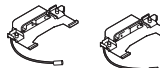
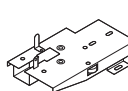

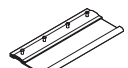
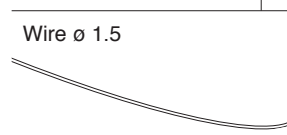



New Delac Rails



Size	Product Code		
	Silver	White	Warm white
1.82 m (72")	00210120	00210346	00210226
2.00 m (79")	00210121	00210347	00210227
2.73 m (107")	00210122	00210348	00210228
3.00 m (118")	00210123	00210349	00210229
3.64 m (143")	00210124	00210350	00210230
4.00 m (157")	00210125	00210351	00210231

Powerful + New Delac Parts

Product Name	Product Code	Product Name	Product Code	Product Name	Product Code	
ND Ceiling Single Bracket M2 	Silver	00510048	ND Pulley Set (wire) 	Silver	00510050	
	White	00510327		White	00510322	
ND Roller (8 pieces per strip) 	Natural	00210027	ND Adjuster 	Silver	00510053	
				White	00510323	
ND Master Roller M Right (wire)  100 mm (3.9") 81 mm (3.2") 82 mm (3.2") ℓ = 195 mm (7.7")		00510080	ND One-way Adjuster 	Silver	00210252	
				White	00510324	
ND Master Roller M Left (wire)  86 mm (3.4") 81 mm (3.2") ℓ = 195 mm (7.7")		00510081	ND Limit Switch A  Two-way draw: 10 m (394") or less One-way draw: 5 m (197") or less Rail overlap (500 mm/20"): 9.5 m (374") or less	Silver	00510301	
				White	00510325	
ND Long Master Roller M Right (wire)  92 mm (3.6") 66 mm (2.6") 100 mm (3.9") ℓ = 270 mm (11")		00510034	ND Limit Switch B  Two-way draw: 10 m (394") to 20 m (787") One-way draw: 5 m (197") to 10 m (394") Rail overlap (500 mm/20"): 9.5 m (374") to 19.5 m (768")	Silver	00510302	
				White	00510326	
			ND Overlap Installation Kit M (wire)  Pulley Set: 1 Master Roller Right: 1 Master Roller Left: 1 Adjuster: 1 Overlap Bracket: 1 Cord Clip: 10	00510106		
				Powerful Attachment No. 1 		00510061
				ND OT Splice 		Silver: 00210024 White: 00210323
			Wire ø 1.5 		00510072	
			ND Cord Clip 		00510049	

