

## Motorized Curtain Track

**NBT72LE- 1.2/20(Battery),NBT72E- 75/20,NBT360E-75/20**  
(Inbuilt Receiver)



- Curtain motor with silent motor and specialized Track.
- Pull to start feature.
- Enables opening/closing of curtains without using any switch operations.
- Corresponds to the Dry or Wet Contact.
- Compatible with any Home Automation.
- Electronic limit for easy of setting.
- Battery operated motor.
- Connected with mobile App, Alexa , Google assistant.

# NBT CURTAIN MOTOR (Inbuilt Receiver)

## NBT Curtain Motor



**NBT72LE-1.2/20 (Battery)**



**NBT72E - 75/20**



**NBT360E - 75/20**

**Feature 1: A built - in FM Remote - Control Receiver.**  
The new motor utilises a built - in FM receiver for control.

**Feature 2: Silent operation with specialized track.**  
The specialised track & motor enable a silent operation.

**Feature 3: Pull to start.**  
The operation starts with a slight tug of the curtains.



**Feature 4: Electronic Limit.**  
Electronic limit for easy of limit setting.

**Feature 5: “Slow start” and “slow stop” functions.**  
These functions enable the smooth start and stop of drapery operation.

**Feature 6: Memorized Setting.**  
Limit memorized after power off.

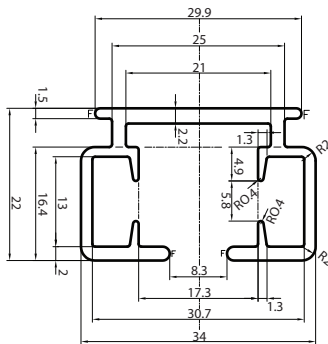
**Feature 7: Dry Contact Home Automation.**  
NBT Motor can be operated by dry (low voltage) contact.

**Feature 8: Mobile Application.**  
Support the mobile App to control the curtain with google assistant & Alexa.

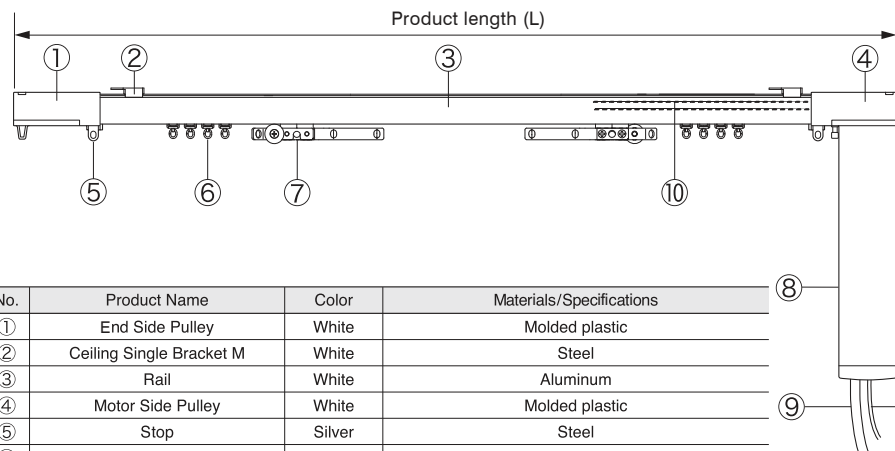
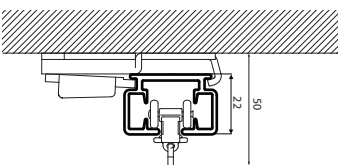
**Feature 9: NBT72LE-1.2/20.**  
Battery operated motor with Pluggable Lithium Battery Pack.

## Product Overall View and names of Parts

### Rail Cross Section



### Installation Dimensions

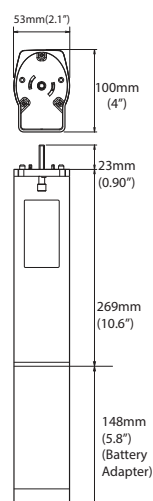


No.	Product Name	Color	Materials/Specifications
①	End Side Pulley	White	Molded plastic
②	Ceiling Single Bracket M	White	Steel
③	Rail	White	Aluminum
④	Motor Side Pulley	White	Molded plastic
⑤	Stop	Silver	Steel
⑥	Noiseless Roller	Natural	Molded plastic
⑦	Pilot Roller Set	Silver	Steel, Molded plastic
⑧	Motor	White	Aluminum, molded plastic (case)
⑨	Electric Cord with the ground	White	Wire (1 m/39")
⑩	Drive Belt	Green	3-layer structure of steel wires, plastic and fiber
⑪	Antenna	White	Wire

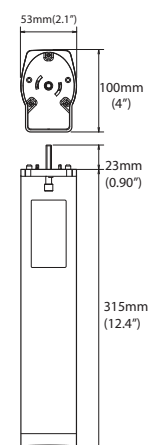
### NBT72LE-1.2/20 (Battery) Motor Specifications

Rated power voltage	DC 14.8 V
Rated power frequency	50/60 Hz
Power Rated	16 W
Operating voltage	14.8 V
Degree of Protection	IP20
Power rating	1.10 A
Operating speed	20 cm/s
Rated Torque	1.2 N.m
Weight Capacity	50 Kg
Maximum width	30 Feet
Maximum Height	12 Feet
Ambient temperature	0 to 40°C (non-condensing)
Time rating	4 min. (continuous operation)
Noise level	35 dB (in default motor speed)

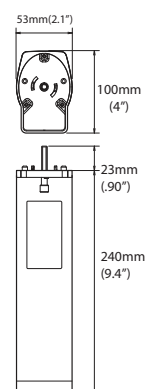
NBT72LE - 1.2/20  
( Battery)



NBT72E - 75/20



NBT360E - 75/20



### NBT72E-75/20 Motor Specifications

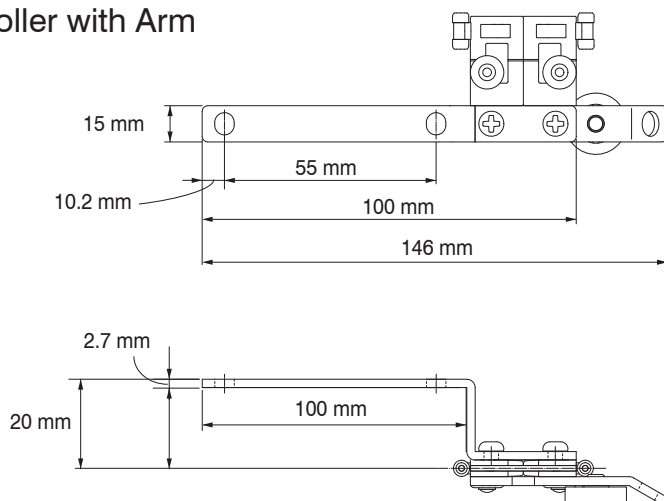
Rated power voltage	AC 100 to 230 V
Rated power frequency	50/60 Hz
Power Rated	75 W
Operating voltage	230 V
Degree of Protection	IP40
Power rating	0.34 A
Operating speed	20 cm/s
Rated Torque	1.2 N.m
Weight Capacity	50 Kg
Maximum width	30 Feet
Maximum Height	12 Feet
Ambient temperature	0 to 40°C (non-condensing)
Time rating	4 min. (continuous operation)
Noise level	35 dB (in default motor speed)

### NBT360E-75/20 Motor Specifications

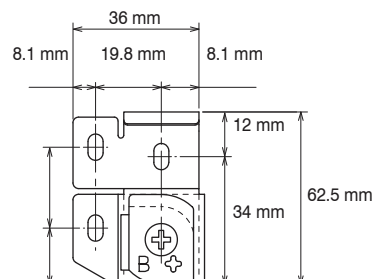
Rated power voltage	AC 100 to 230 V
Rated power frequency	50/60 Hz
Power Rated	75 W
Operating voltage	230 V
Degree of Protection	IP40
Power rating	0.34 A
Operating speed	20 cm/s
Rated Torque	1.2 N.m
Weight Capacity	50 Kg
Maximum width	30 Feet
Maximum Height	12 Feet
Ambient temperature	0 to 40°C (non-condensing)
Time rating	4 min. (continuous operation)
Noise level	40 dB (in default motor speed)

### Parts Size

#### Pilot Roller with Arm



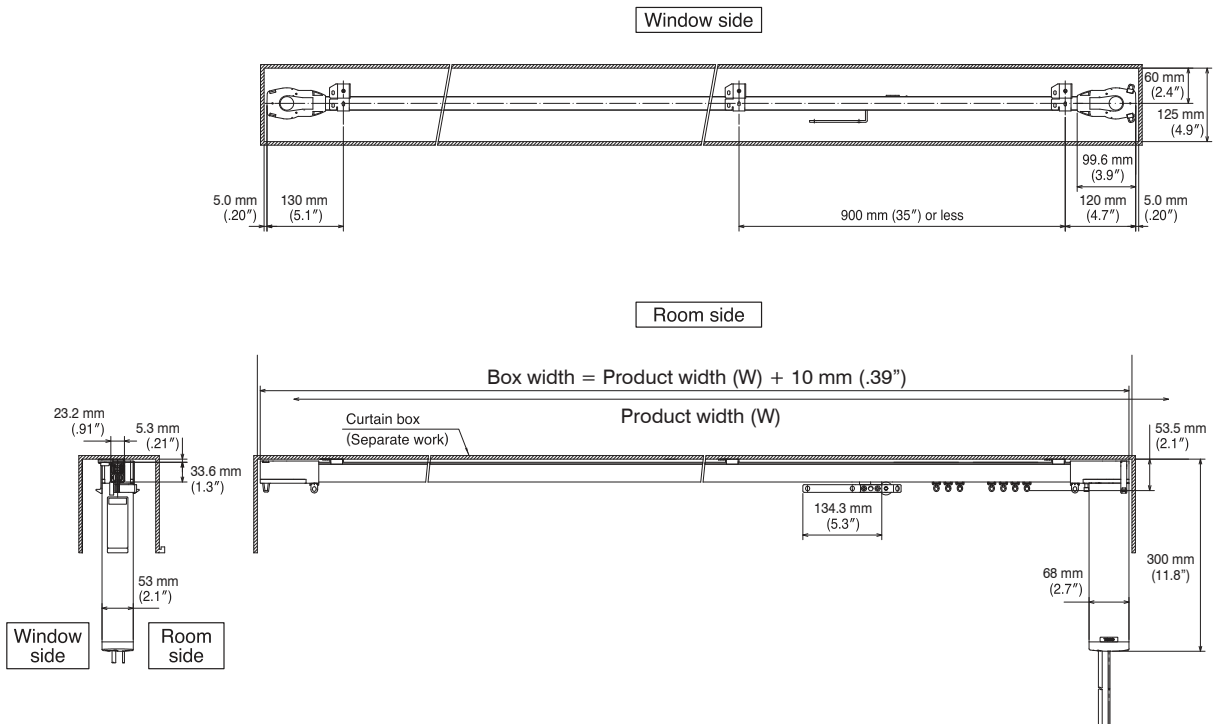
#### Ceiling Single Bracket M



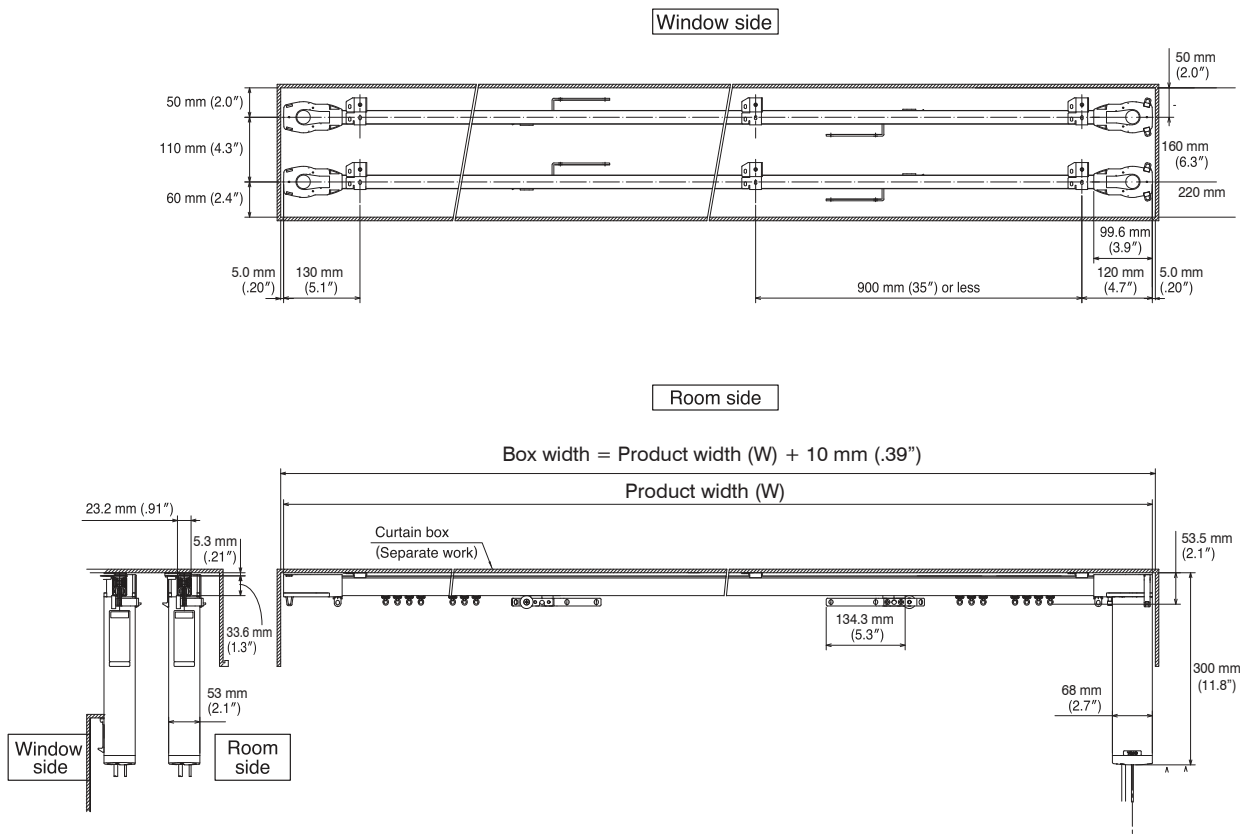
# NBT CURTAIN MOTOR(Inbuilt Receiver)

## Installation Dimensions and Diagram (NBT360E 75/20)

### One-way draw: ceiling single attachment

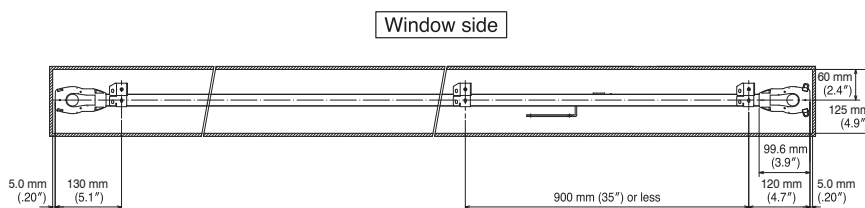


### Two-way draw: ceiling double attachment

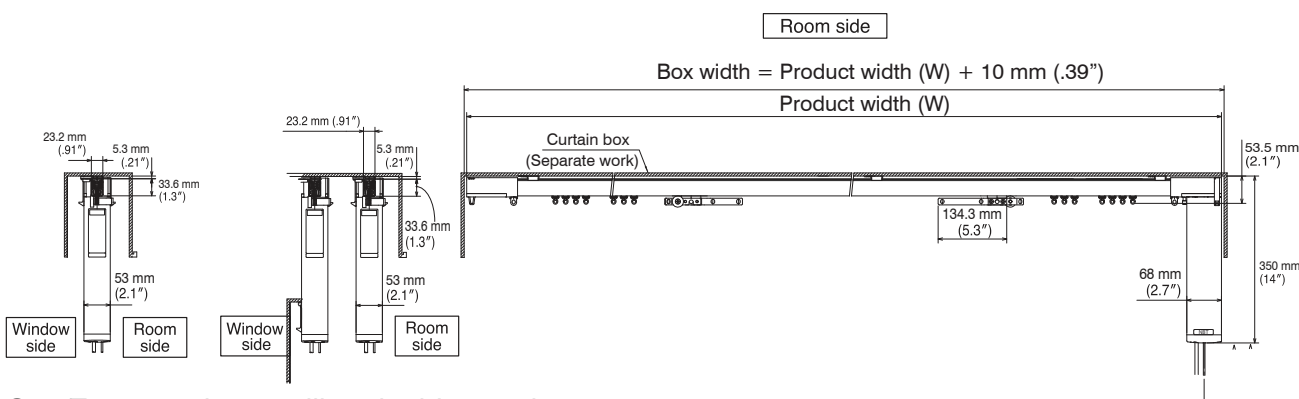
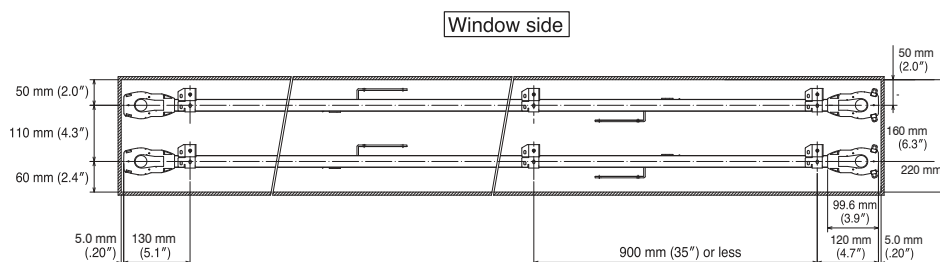


## Installation Dimensions and Diagram (NBT72E -75/20 , NBT72LE - 1.2/20 )

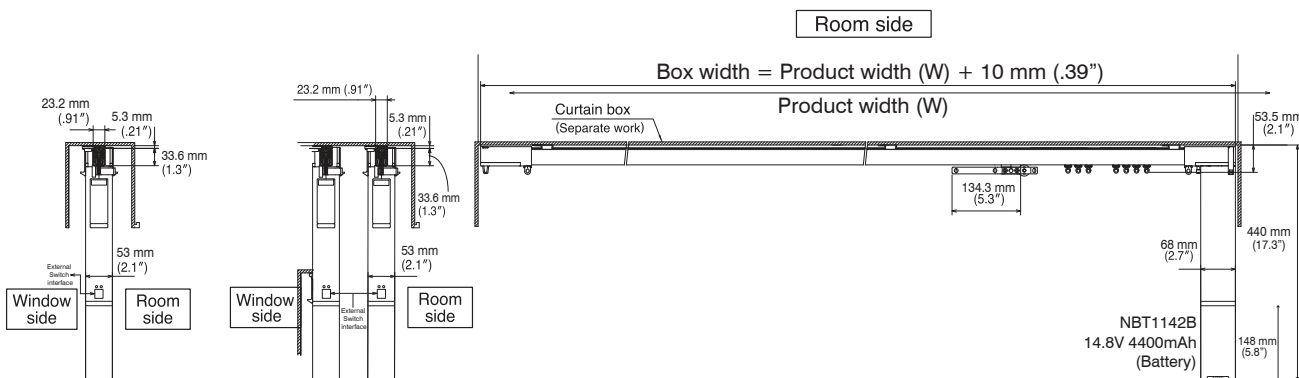
### One-way draw: ceiling single attachment (NBT72E-75/20)



### Two-way draw: ceiling double attachment (NBT72E-75/20)



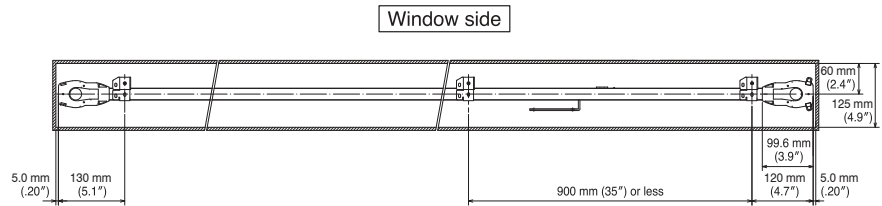
### One/Two-way draw: ceiling double attachment (NBT72LE-1.2/20)



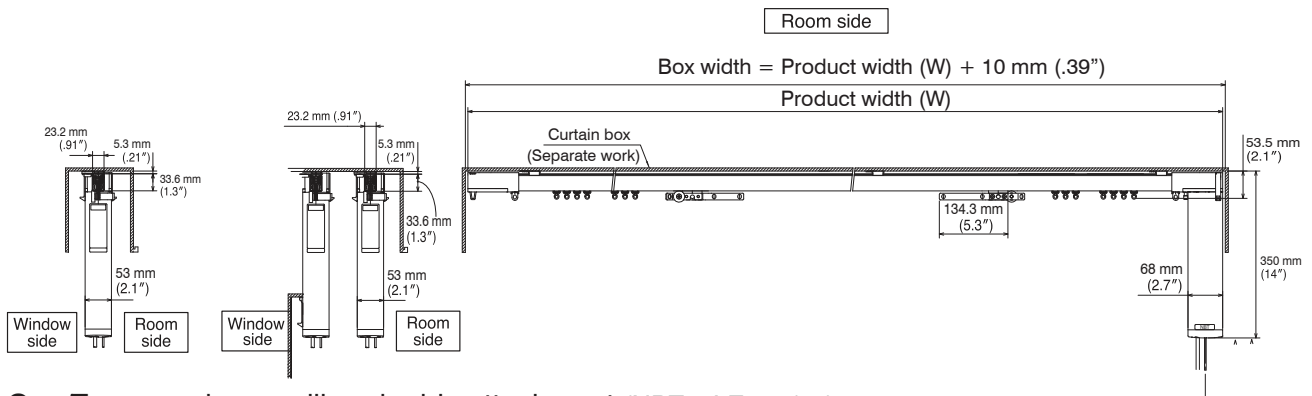
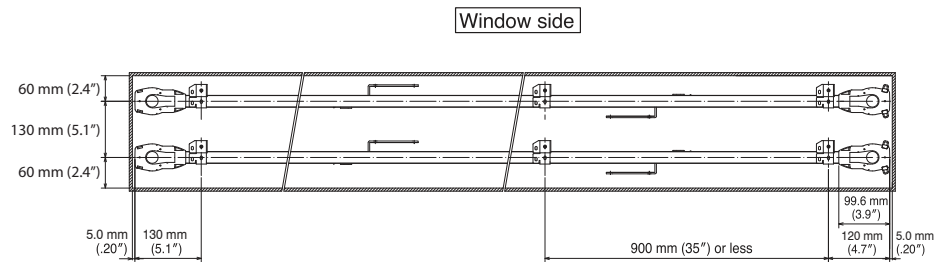
# NBT CURTAIN MOTOR (Inbuilt Receiver)

## Installation Dimensions and Diagram for Ripple Fold Tape (NBT72E -75/20, NBT72LE - 1.2/20)

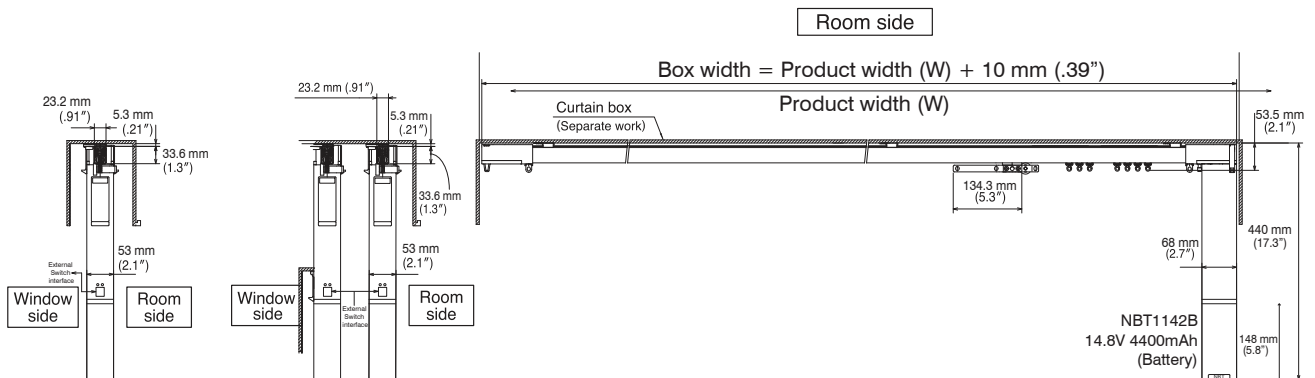
One-way draw: ceiling single attachment (NBT72E-75/20)



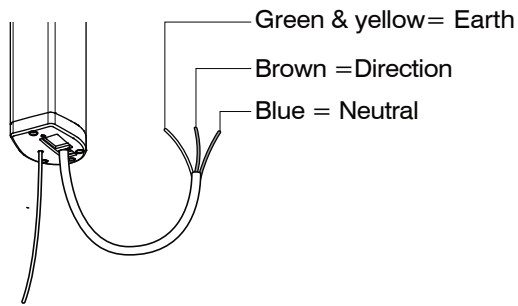
Two-way draw: ceiling double attachment (NBT72E-75/20)



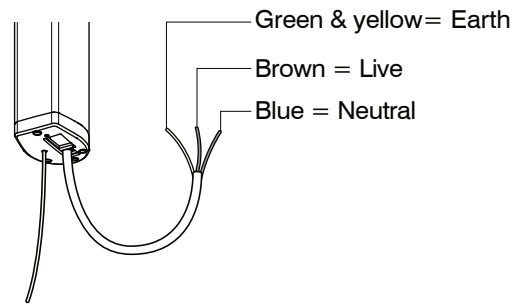
One/Two-way draw: ceiling double attachment (NBT72LE-1.2/20)



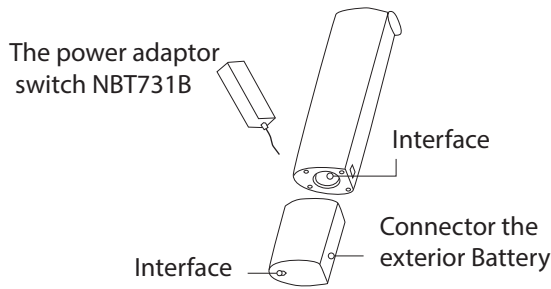
## Basic Wiring and Connecting Diagram (Inbuilt Receiver)



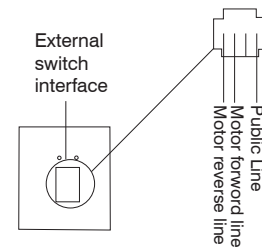
NBT72E - 75/20



NBT360E - 75/20



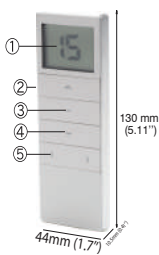
NBT72LE - 1.2/20 (Battery)



When using a dry contact (no-voltage) switch      \*Power line 3-core type

## NBT Remote Specification

### NBT 1602 15 Channel Remote

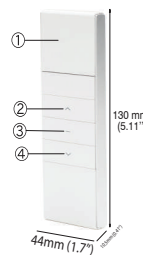


**Specification**

Source Voltage	DC 3V CR2450
Source Current	20 mA or lower
Wave Frequency	433.92 MHz
Ambient Temperature	-10-50°C (Non-condensing)
Reaching Distance	30 m (varies depending on the condition)
Product Size	W 44 mm × H 130 mm × D 10.5 mm
Product Weight	Approx. 58 g
Part Name 1	Address No. LED Indicator Lamp
Part Name 2	Open Button
Part Name 3	Stop Button
Part Name 4	Close Button
Part Name 5	Address No. Setting Button



### NBT 1660 single channel Double control Remote



**Specification**

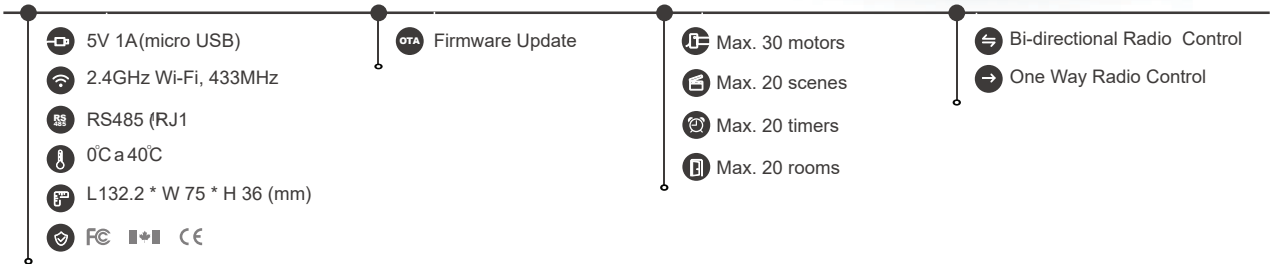
Source Voltage	DC 3V CR2450
Source Current	20 mA or lower
Wave Frequency	433.92 MHz
Ambient Temperature	-10-50°C (Non-condensing)
Reaching Distance	30 m (varies depending on the condition)
Product Size	W 44 mm × H 130 mm × D 10.5 mm
Product Weight	Approx. 58 g
Part Name 1	Open Button
Part Name 2	Stop Button
Part Name 3	Close Button



# NBT CURTAIN MOTOR (Inbuilt Receiver)

## WI-FI Bridge, WI-FI Hub & Set up

### WI-FI Bridge



### WI - FI Hub

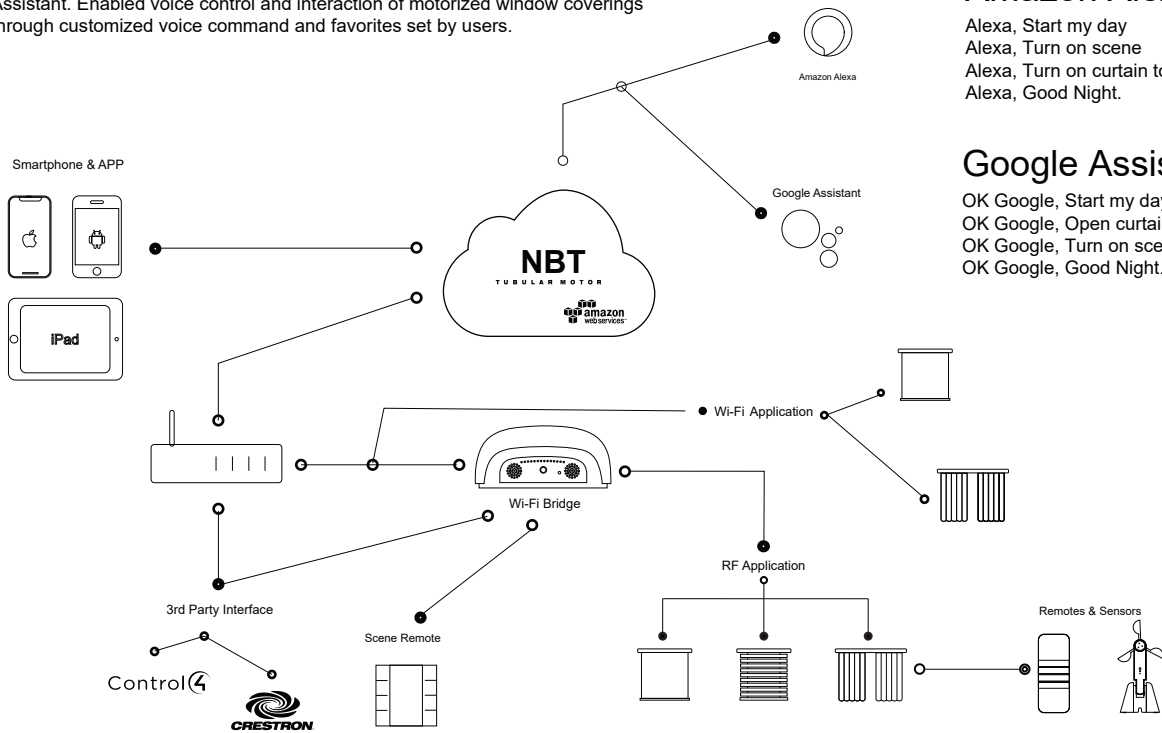
Skills & features developed, tested and published for both Amazon Alexa and Google Assistant. Enabled voice control and interaction of motorized window coverings through customized voice command and favorites set by users.

#### Amazon Alexa

Alexa, Start my day  
 Alexa, Turn on scene  
 Alexa, Turn on curtain to 50%  
 Alexa, Good Night.

#### Google Assistant

OK Google, Start my day  
 OK Google, Open curtain to 20%  
 OK Google, Turn on scene  
 OK Google, Good Night.



### WI - FI Hub Set up



ISO Version



Android Version