TECHNICAL SPECIFICATION:

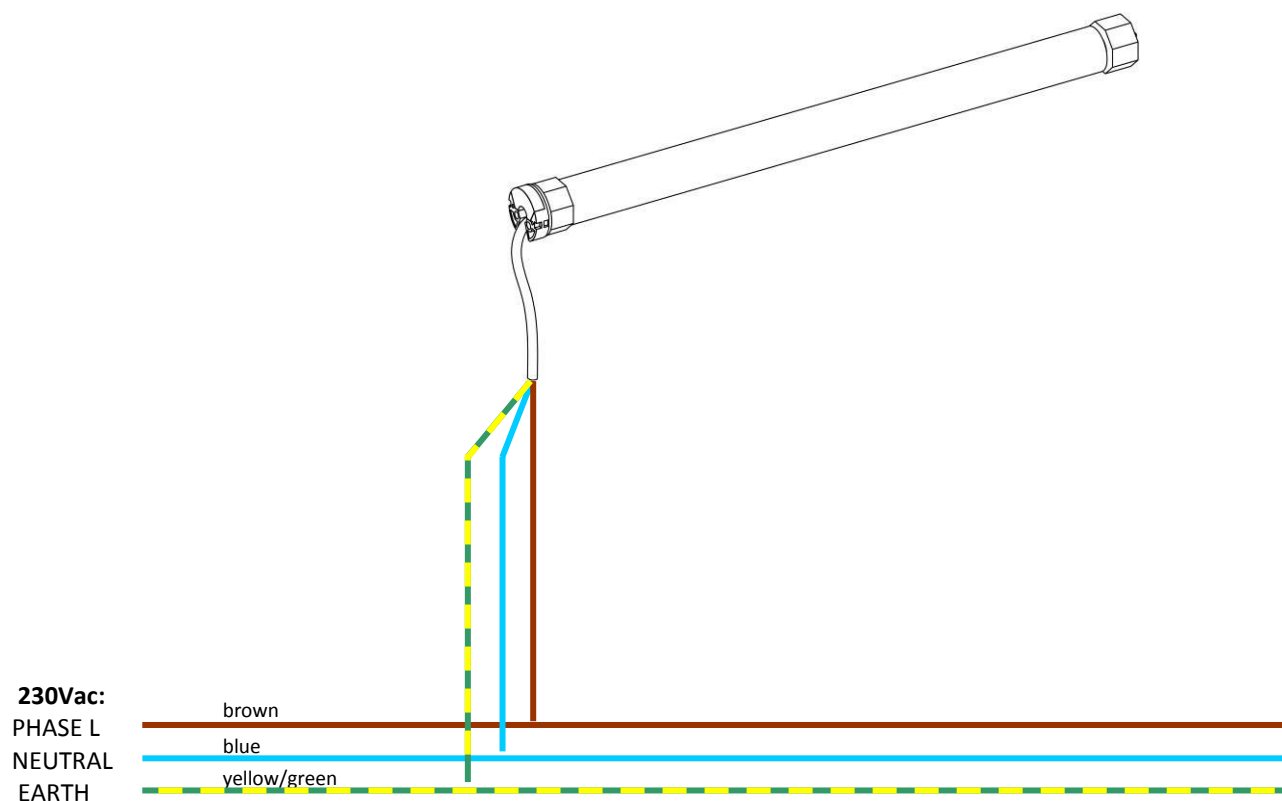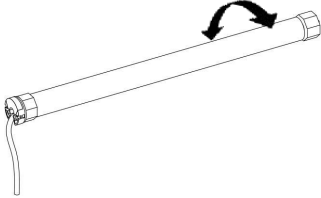| Part no:	3416600112	3416600116	3416600117
Torque:	6Nm	13Nm	6Nm
Speed:	28rpm	14rpm	20rpm
Voltage:	230Vac – 50Hz	230Vac – 50Hz	230Vac – 50Hz
Power/Watt:	121W	121W	133W
Protection degree:	IP44	IP44	IP44

Max. running time 4 minutes

IMPORTANT

⚠️ 230V: use only wires BROWN (phase), BLUE (neutral) and GREEN/YELLOW (earth).
The additional two wires (thin wire, black and red) are for connecting the optional obstruction sensor.
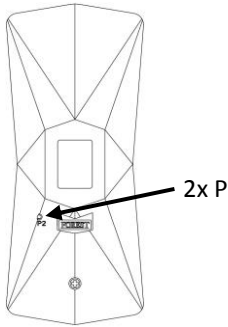Make sure these two wires are not connected together and do NOT make contact with the power wires.

230Vac:
PHASE L — brown
NEUTRAL — blue
EARTH — yellow/green

PROGRAMMING REMOTE TO TUBULAR MOTOR:	ADD MORE REMOTES OR CHANNELS TO TUBULAR MOTOR	CANCEL ALL REMOTES

PROGRAMMING REMOTE TO TUBULAR MOTOR:

press button on motor, motor will turn short to acknowledge
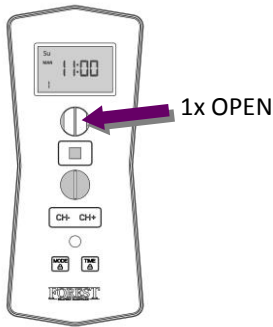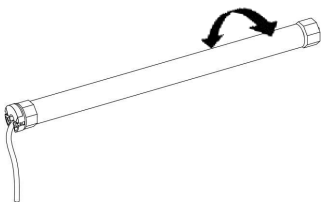
within 6 seconds:

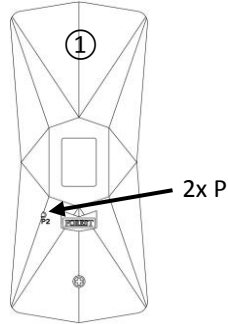press P button two times

2x P

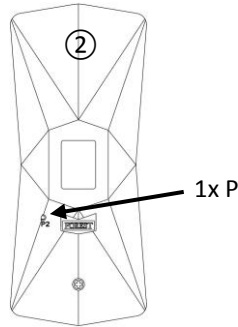press OPEN button one time

1x OPEN

motor will turn to acknowledge

CHANGING DIRECTION OF ROTATION:
To change the direction of rotation, keep green button on motor pressed for 7 sec, until motor turns to acknowledge.
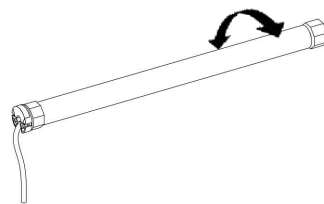
ADD MORE REMOTES OR CHANNELS TO TUBULAR MOTOR

①st remote: press P button two times
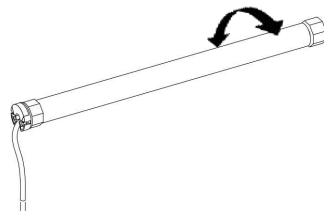
① 2x P

②nd remote: press P button one time

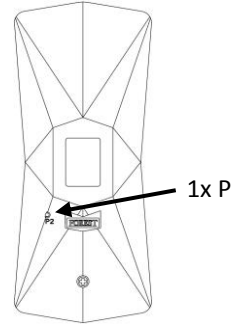② 1x P

motor will turn to acknowledge

to add another channel:
1.press 2xP button of programmed channel,
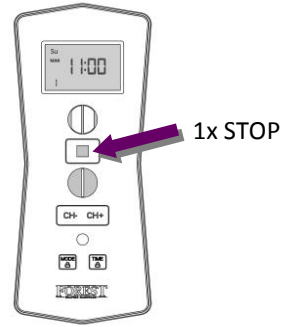2.select other channel and press P button
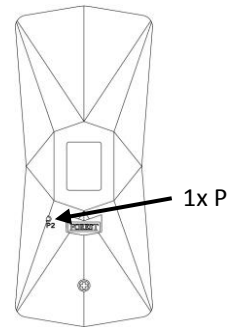
motor will turn to acknowledge
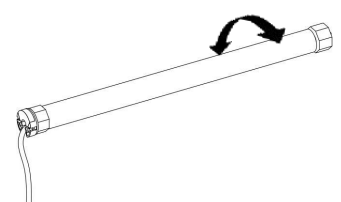
CANCEL ALL REMOTES

press P button one time

1x P

press STOP button one time

1x STOP

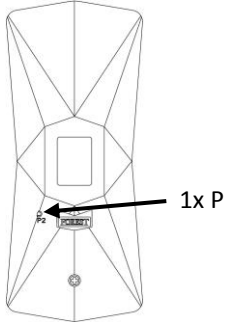press P button one time

1x P

motor will turn to acknowledge

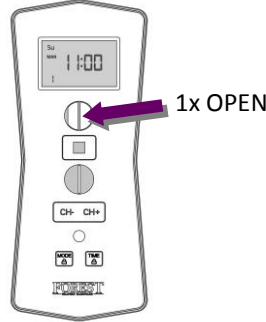## ADJUSTING UPPER AND LOWER END LIMITS:

⚠ IMPORTANT: - when multiple motors are programmed to one channel, end limits of all motors will be adjusted
                  - during programming, keep the remote within 2 mtr from the motor
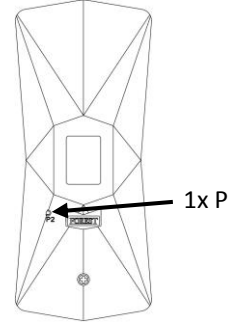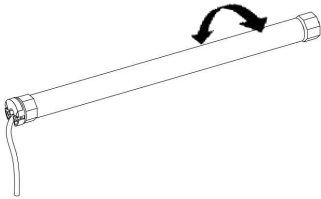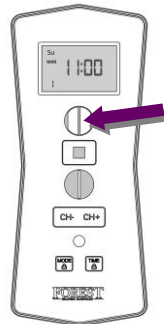
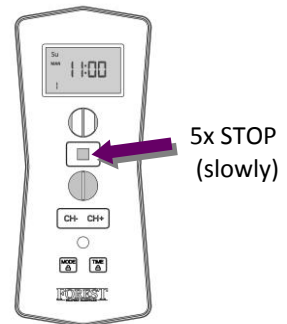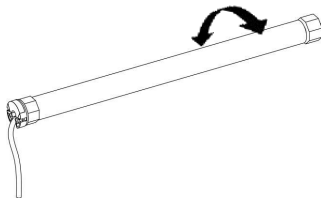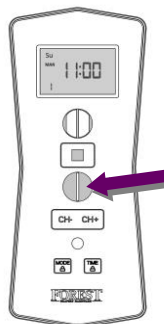| press P button one time	press OPEN button one time	press P button one time
1x P	1x OPEN	1x P

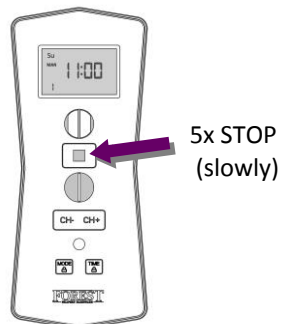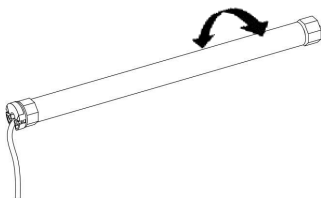| motor will turn to acknowledge	adjust to UPPER position	press STOP button when required height is reached. Press STOP button **5 times slowly for 1 seconds** to confirm
		5x STOP (slowly)

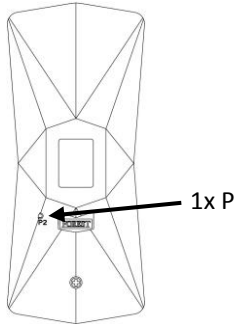| motor will turn to acknowledge	adjust to LOWER position	press STOP button when required height is reached. Press STOP button **5 times slowly for 1 seconds** to confirm
		5x STOP (slowly)

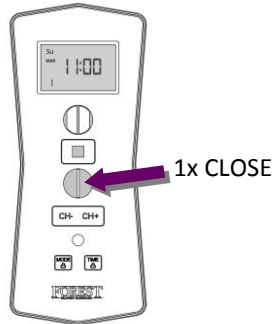motor will turn to acknowledge,
limits have been set successfully.

CANCELLATION OF UPPER AND LOWER END LIMITS:

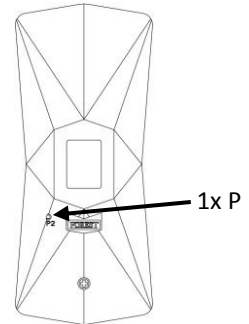⚠️ IMPORTANT: When cancelling end limits, the limits of all motors, programmed to selected channel, will be cancelled

press P button one time   press CLOSE button one time   press P button one time

1x P   1x CLOSE   1x P

motor will turn to acknowledge