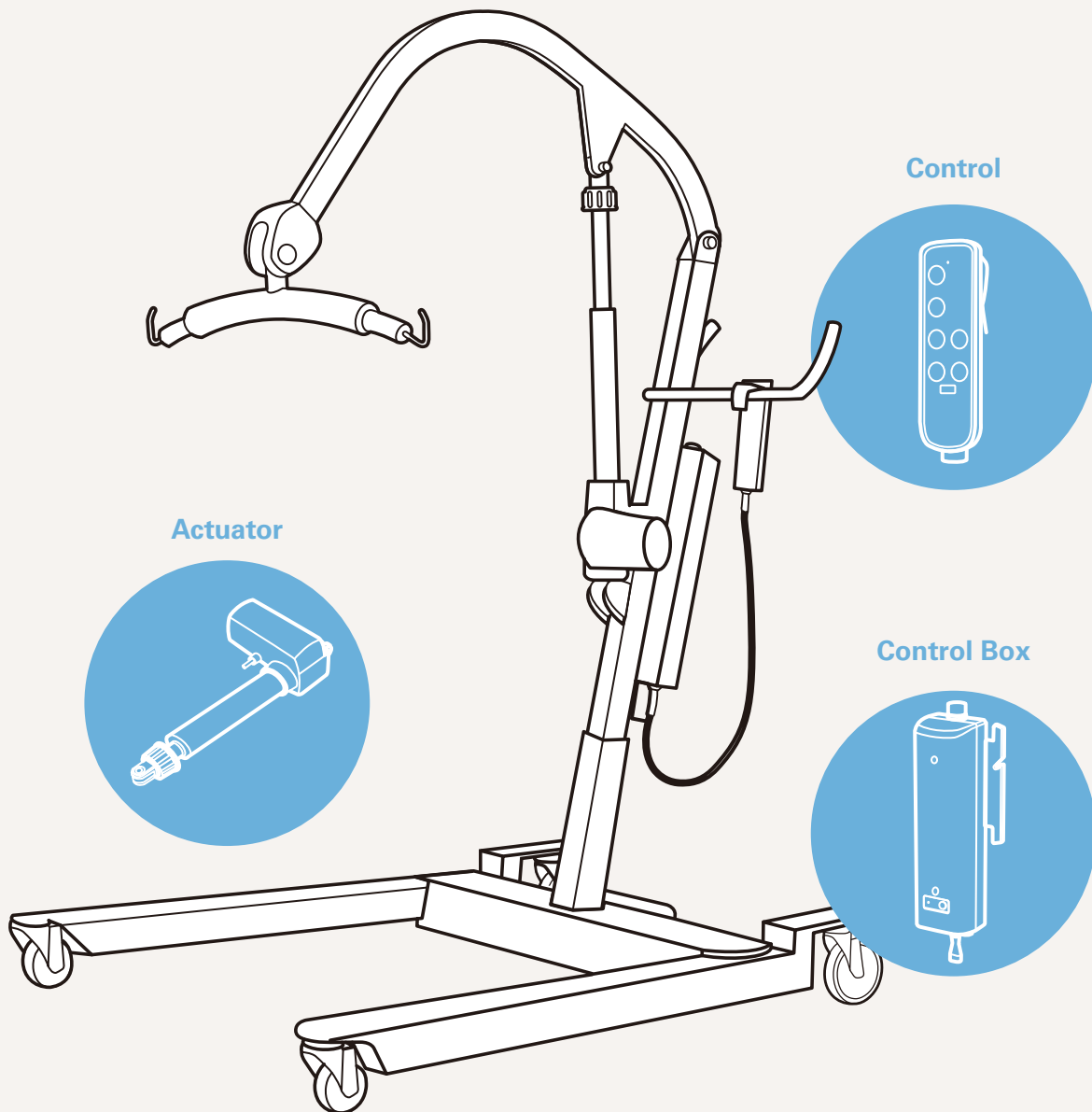


ACTUATION SYSTEMS for NURSING HOME PATIENT LIFT APPLICATIONS

TiMOTION provides a simpler actuation solution for patient lifts. It offers an alternative for medical environments that require safe and easy-to-use patient transfer.

This solution ensures safety and comfortability in patient lifts at nursing homes.



A SMART AND EASY TO USE ACTUATOR SYSTEM FOR PATIENT LIFTS

TC20 is a simpler control box for a patient hoist system which meets specific patient needs and secures a safe and comfortable transfer. It is portable and easily installable within nursing home applications.

TC20 KEY FEATURES:

- Built-in battery pack: 2.9Ah or 5Ah
- Charging with AC cable & plug directly
- IP rating: Up to IP66
- Cable management bracket (optional)
- Emergency stop button
- Easy installation, only two screws required



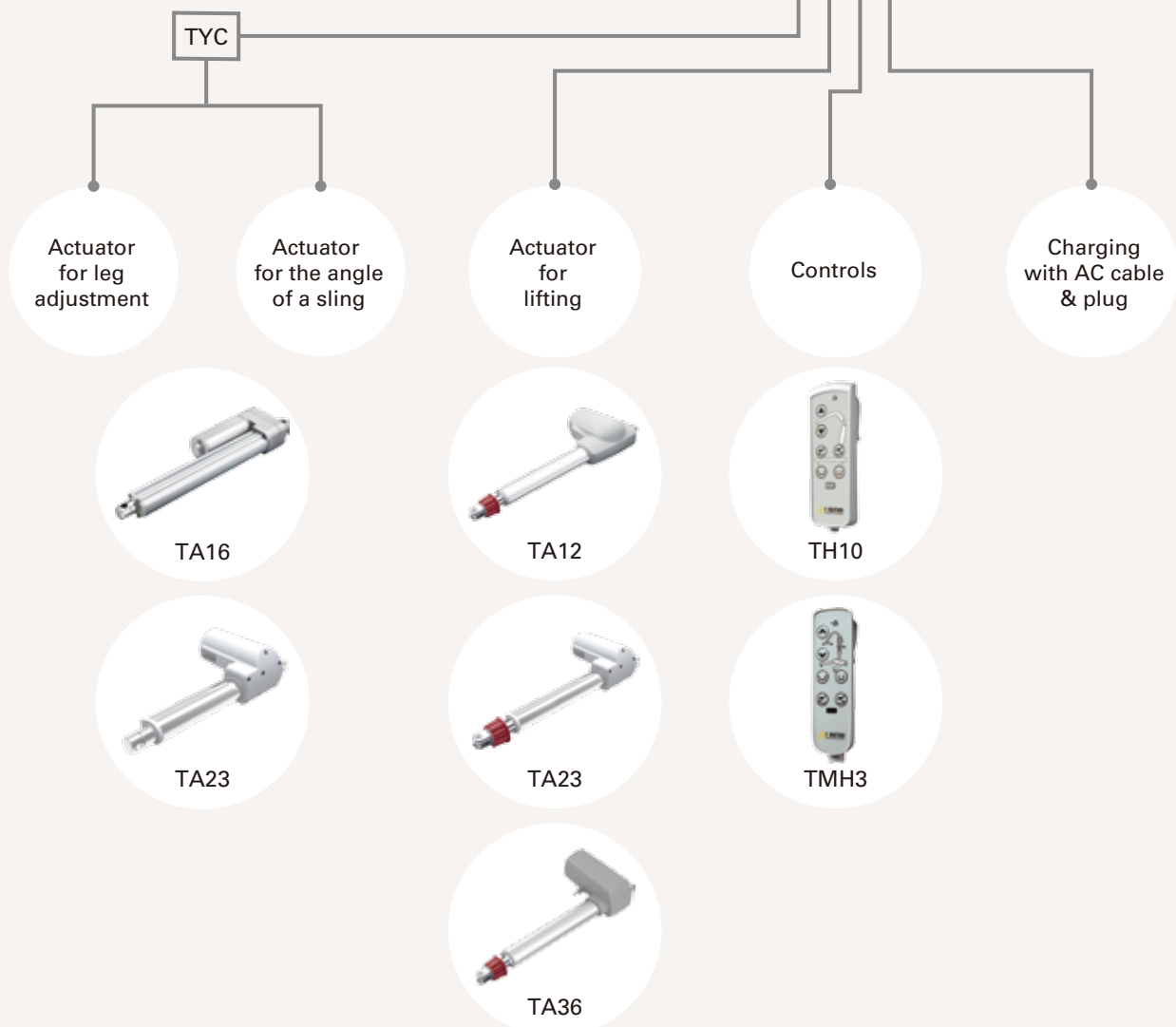
System Overview

Control box: TC20




Control: TH10 or TMH3

Actuators for lifting: TA12, TA23, or TA36



Actuators for leg adjustment/ sling angle: TA16 or TA23



Actuator for Lifting

Model	Maximum Load in Push	Maximum Speed at Full Load	IP Rating	Manual Release
 TA36	10,000N	5.4mm/s (with 10,000N in a push condition)	IP66	Available
 TA23	8,000N	4.4mm/s (with 8,000N in a push condition)	IP66	
 TA12	12,000N	5.2mm/s (with 10,000N in a push condition)	IP66	

Actuator for Leg Adjustment / Angle of Sling

Model	Maximum Load in Push	Retracted Length
 TA16	3,500N	≥ Stroke+112mm
 TA23	8,000N	Stroke+163mm



TMH3



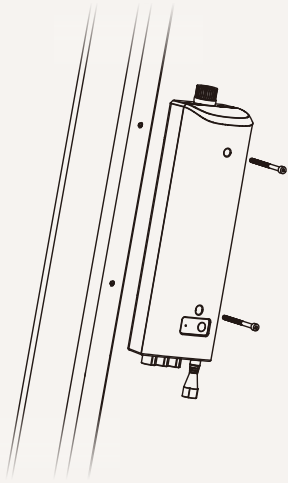
TH10

CONTROL TMH3/ TH10 SERIES

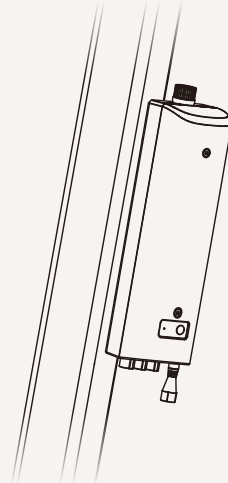
- TMH3 has a detachable handset cord
- Supports a maximum of three actuators
- LED indicator for the battery status
- Interface for lifting/ lowering, leg adjustments, and overload warning

Installation Guide

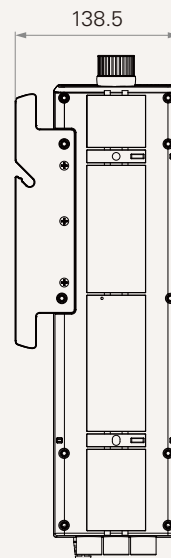
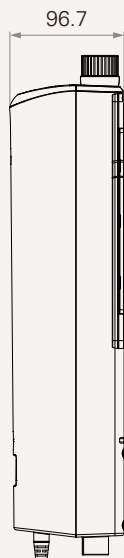
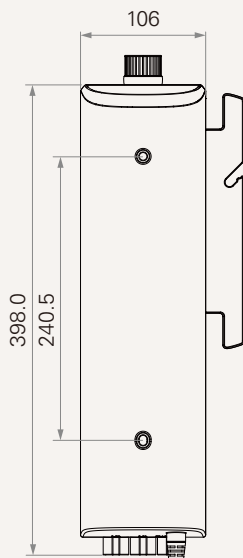
1. Install TC20 on the hoist frame



2. Install fixed screws of TC20. Make sure the screws are tightened properly



Standard Dimensions (mm)



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