HANDLING

Upper Part

Remove the cabinet.
Throw the guide rope down.

Let the chute main body slide down on the ground.
Pull up the entrance frame.

Decend with your legs first.

Lower Part

Loasen the guide rope.
Hang the hook to the lower part fixing hardware.

Pull the rope between the pulleys.

Fix the pully rope.

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UYEDA ESCAPE CHUTE CONSTRUCTION CO.,LTD.

Manufacturers of the "FIRE ESCAPE CHUTE"

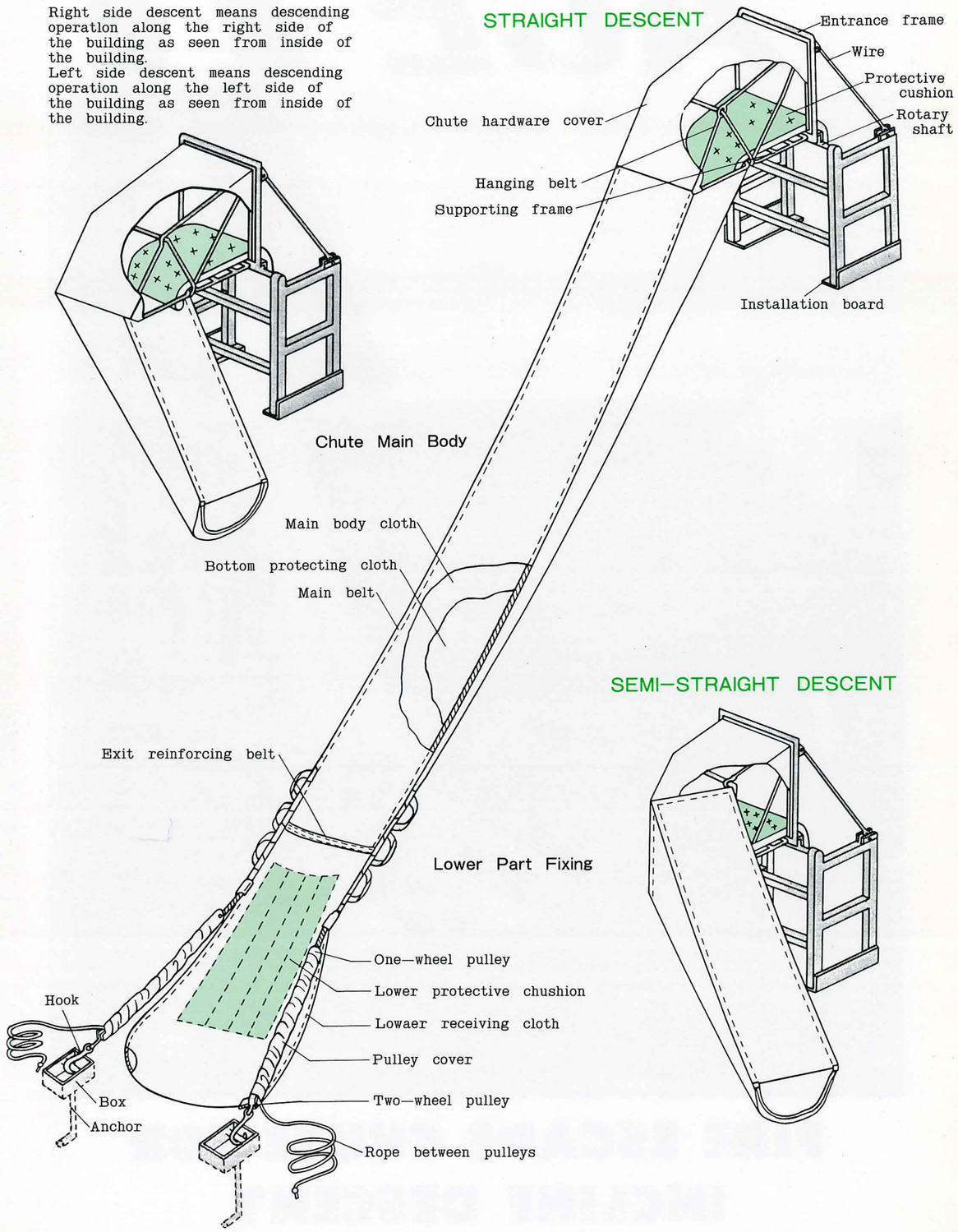
ACE R

FIRE ESCAPE CHUTE FOR INCLINE DESCENT

CONSTRUCTION

SIDE DESCENT

Right side descent means descending operation along the right side of the building as seen from inside of the building.
Left side descent means descending operation along the left side of the building as seen from inside of the building.



NAME ACE—R

FORM Incline Escape Chute (Descending Angle 45° Approx.)

CHARACTERISTICS

OPERATION

At the time of fire, remove the cabinet that contains the escape chute open the window, throw down the guide rope fixed at the bottom of the chute onto the ground and let the chute body hang down gradually.

When the chute body has been lowered and installed and the chute body hangs down correctly, push the metal frame upward and extend the frame out of the window.

The operator on the ground will first pull the guide rope that has been thrown down, then pulls the chute body toward the anchor that is already installed on the ground, hooks the chute bottom on the anchor and pulls the rope of the pully to extend and stabilize the chute body.

The reason why the chute bottom is hooked on the anchor is that when there is only a few operators on the ground are available and when many people descend in succession, holding the bottom of the chute by hand is not enough to make the chute stable.

DESCENT & SAFETY

In the case of this sort of escape chute, descent is not possible unless the bottom of the chute is held firmly or hooked on the anchor installed on the ground. Therefore, it is necessary to check the state of extension of the chute from the window before starting descent.

The escape chute may be regarded as a slide made of cloth. Descent in succession one after the other is possible. It may be a good idea if the person extends his legs outward to regulate the speed of descent.

The chute body is of double—construction from up to down. Even if the chute cloth should tear, the nylon taffeta, the second layer of cloth which is very strong, prevents accidental fall of the person through the torn part.
The chute has a protecting cushion at the bottom to avoid shock at the time of landing on the ground.

SPECIFICATIONS

	Where used	Name	Size & Standards
Base Frame Hardware Main Materials	Main Frame	Square pipe	40×40×2t or 50×50×2.3t (JIS G3466)
Chute Frame Hardware Main Materials	Main Frame	Steel Bar	19 mm ϕ (JIS G3101)
	Entrance Frame Rotary Shaft	Pipe	34 ϕ × 3.4t (JIS G3454)
Chute Body Main Materials	Main Body Cloth	Polyester ※	Tensile Strength 170 × 150 kg Tear Strength 18 × 17 kg
	Bottom Protecting Cloth	Nylon ※	Tensile strength 160 × 160 kg Tear Strength 28 × 28 kg
	Main Belt	Polyester	35 × 2t 2,460 kg × 2 = 4,920 kg

※ It's possible to add "Prevent burn-up treatment" effect by demand.