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Mitsubishi Electric elevators and escalators enhance high safety and comfort

Acibadem Altunizade Hospital opts for Mitsubishi Electric

Acibadem Healthcare Group, one of the leading private healthcare providers in Turkey, decided to upgrade its elevator and escalator systems with Mitsubishi Electric as a recognized innovator of technology solutions. Distinguished for its fast, safe, comfortable, energy saving and long-lasting elevators and escalators, Mitsubishi Electric had already installed elevator and escalator systems at Acibadem Maslak, Acibadem Taksim and Acibadem Ankara Hospitals.

Acibadem Healthcare Group, one of the most valuable private healthcare providers in Turkey with its hospitals and medical centres equipped with high technology and modern infrastructure, opted for Mitsubishi Electric to upgrade the elevator and escalator systems at Acibadem Altunizade Hospital. As a leading player that upholds the industrial standards by using new generation technological products and designs for its projects, Acibadem Healthcare Group will enhance high quality and comfort with the help of elevator and escalator systems developed by Mitsubishi Electric, which is appreciated globally for its innovative technology solutions.

Mitsubishi Electric has already contributed added value to various projects of the group with its products promoting passenger safety, high speed, silent operation, maximum comfort, long economic life, high energy efficiency and eco-friendly



technology solutions. Having contracted Mitsubishi Electric for Acibadem Maslak, Acibadem Taksim and Acibadem Ankara Hospitals, Acibadem Healthcare Group will provide the visitors of Acibadem Altunizade Hospital with high level of safety and comfort thanks to 16 elevators and 4 escalators installed by Mitsubishi Electric.

Outstanding passenger capacity

Distinguished for its product, after-sales service and maintenance quality in addition to its high technology and travel comfort, Mitsubishi Electric has installed elevators with different capacities ranging from 800 kg, 1000 kg, 1600 kg and 2000 kg travelling at high speed from 1 m to 1.75 m per second. Mitsubishi Electric escalators installed in the hospital are marked with the capacity of 6 thousand passengers per hour.

Safe travels

Mitsubishi Electric elevators installed in Acibadem Altunizade Hospitals will travel to the nearest floor to evict the passengers and stop operations in case of fire. As for earthquakes and electric cuts, Mitsubishi Electric elevators will come to the nearest floor and promote the safety of passengers by means of a light curtain that will be available in the entrance of cars.

High level of safety for escalators



Each detail of the project displays Mitsubishi Electric's sensitivity to passenger safety. Long lasting stainless steel plates are used instead of plain aluminium plates to prevent passengers from slips. If any object is caught between the comb and step or in case of any other negative incidence, the safety switch available in the skirt guard automatically stops the escalator. Step chain safety equipment stops the escalator in an unlikely case of elongation or breakage of the step chain. Escalators are equipped with emergency stop buttons to be activated in any urgency

Drive chain safety equipment stops the engine while the main brake prevents steps from moving further if the drive chain is broken. Speed control mechanism assembled on the input shaft of the drive mechanism stops the escalator if it moves too fast or too slowly. Also, it prevents escalator from moving backwards. Yellow demarcation line on the back as well as yellow safety tapes on both sides clearly demarcate each step for safer

footing, especially when stepping on/off. Elastic rubber guards prevent fingers from getting caught as the handrails move, making the escalators safe for children, as well.

Design advantages for architects, civil engineers and interior architects



Mitsubishi Electric has installed machine-room-less elevators at Acibadem Altunizade Hospital to provide architects, civil engineers and interior architects with several design advantages. As the product is entirely assembled in the pit, the location and settlement of the elevators facilitate the burden of design professionals. It is possible to assemble the control panel of machine-room-less elevators inside the pit, which eliminates the need for an additional space at the top floor. The mini control unit behind the call panel at the top floor is used for responding to elevator failures

About Mitsubishi Electric Corporation

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavours to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,394.3 billion yen (US\$ 38.8 billion*) in the fiscal year ended March 31, 2016. For more information visit: www.MitsubishiElectric.com

* At an exchange rate of 113 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2016.

About Mitsubishi Electric Turkey Operations

Mitsubishi Electric concentrates on sales and after-sales services for HVAC systems, factory automation systems, CNC-Mechatronics systems and advanced robot technologies in Turkey. In addition, the company provides support for satellite, elevator, visual data systems, power sources and transportation-based infrastructure projects. Mitsubishi Electric, the acknowledged manufacturer of Turksat 4A and 4B satellites contributing to communication and broadcasting infrastructure of Turkey and neighbouring countries, is also recognized for the automation technology used for Marmaray project. Having incorporated a company for development and manufacturing of room air-conditioners in Turkey in April 2016, Mitsubishi Electric intends

to start manufacturing operations in Manisa plant by January 2018. For more information visit:
www.mitsubishielectric.com.tr

About Mitsubishi Electric's Elevator and Escalator Business

Mitsubishi Electric develops high speed, comfortable and safe elevators with high energy efficiency thanks to its high technology. The manufacturer of the sole spiral escalator in the world, Mitsubishi Electric is also a recognized world leader in vertical transportation business. The brand manufactures a wide range of products from standard models to spiral escalators. Offering high tech services in various countries globally, Mitsubishi Electric has also developed the world's fastest elevators (20.5 m per second) for 632 m high Shanghai Tower project in China.