Media Inquiries:

Mitsubishi Electric Turkey PR Agency

İnomist Communication Consultancy

Sibel Selvi Arslantürk sibel@inomist.com

+90 216 639 60 16 / +90 533 441 80 33

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Environmentally and user friendly new SLZ-KF series comes with 3D i-see sensor and homogenous air discharge

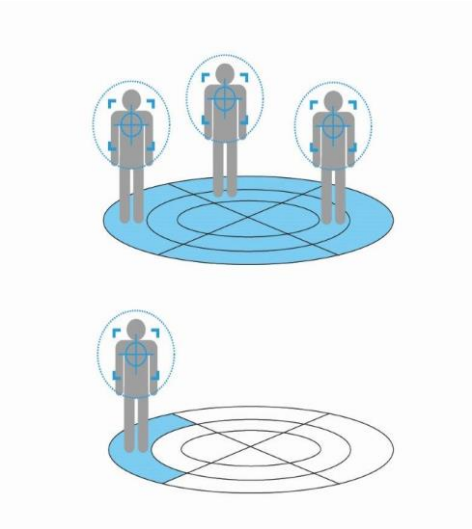
Mitsubishi Electric's innovations to professional air-conditioner series

Recognized for its high-tech air-conditioners providing high energy efficiency, Mitsubishi Electric has launched new SLZ-KF series four-way compact cassette type air-conditioners in its professional range of products. As the new series comes with 3D sensor technology introducing artificial intelligence to air-conditioners as well as homogenous air discharge and wireless remote control functions, it upholds the industrial standards in terms of low energy consumption, increased capacity and compact size.

As a technology leader distinguished for its innovative solutions to air-conditioning, Mitsubishi Electric provides professionals and end-users with various innovations and advantages with the new four-way compact cassette type SLZ-KF series air-conditioners. New SLZ-KF series ensures increase of energy efficiency values up to 14 percent when compared to the previous series while the cooling efficiency is upgraded to A++ and heating efficiency to A+ class. Also, 6kW capacity option is added to the existing 2.5kW, 3.5kW and 5kW options with the introduction of environmentally and user friendly new SLZ-KF series providing high energy efficiency.

Air-conditioners with AI technology

Mitsubishi Electric's new SLZ-KF four-way compact cassette type air-conditioners are equipped with 3D sensor technology introducing artificial intelligence technology to air-conditioners which makes it possible to take measurements in 1,856 spots in a given area. It evaluates those measurements to eliminate conditions that could diminish comfort arising from temperature differences in the relevant space. 3D i-See Sensor technology detects the number and location of people in the room to guide the air to the relevant spots as necessary. Thus, this function creates energy saving by preventing the air-conditioner to consume extra energy to condition the air at the spots where there are no people. Sensor technology detects the location of human beings so as to increase comfort by blowing conditioned air to the users available in the space or any other spot based on the discretion of users.



Functions adjusted to the number of occupants

Capable of checking the occupancy rate of the space, 3D i-See Sensor technology makes it possible to use air-conditioners more economically at spaces with varying rates of occupancy such as offices and meeting rooms. The sensor is able to record the maximum number of occupants in time to determine the operating mode according to the number of people available in the space. When the occupancy rate drops to 30 percent, the air-conditioner increases or decreases the temperature setting by one degree automatically. Besides, it checks the occupancy rate every three minutes and increases or decreases the temperature setting by two degrees whenever it detects that the room is unoccupied for more than 60 minutes. The users will also have the option to set the air-conditioner to turn off automatically when the room is unoccupied for a period ranging from 10 minutes to 3 hours according to the discretion of the user.

Lowest noise level with 3D turbo fan

Thanks to the patented 3D turbo fan with two-stage blade structure, the indoor units of SLZ-KF series air-conditioners reach the lowest noise level among the competitors.

Ideal compact size for new generation buildings

Spaces are designed with lower suspended ceiling height due to the variations in

contemporary building designs as well as the reduction in floor heights. In that respect, Mitsubishi Electric's new SLZ-KF series air-conditioners come with optimum sizes for suspended ceilings and 60x60 tile applications in new generation buildings thanks to their thin body and elegant panel structure. Requiring a clearance of just 255 mm for the panel and indoor unit, SLZ-KF series is among the most compact air-conditioners available owing to the panel design overhanging only 10 mm from the ceiling.

Homogenous air discharge

Distinguished for the outstanding design and motion of air discharge channels, the new SLZ-KF series air-conditioners make it possible to blow conditioned air extremely close to the ceiling with their lateral air flow advantage. Thus, users are not susceptible to airflow and air is discharged homogenously in the entire space.

Remote control function to keep all under control

As part of its on-going efforts to meet consumer needs most effectively, Mitsubishi Electric has designed a new wireless remote control to make it possible to control the improved functions of four-way compact cassette type air-conditioners easily. The ergonomic and functional design of the new remote control enables users to control the As part of its on-going efforts to meet consumer needs most effectively, Mitsubishi Electric has designed a new wireless remote control to make it possible to control the improved functions of four-way compact cassette type air-conditioners easily. The ergonomic and functional design of the new remote control enables users to control the equipment easily even under dark thanks to its LED screen lighting. Users are able control the outstanding air blowing features of the equipment in addition to using 28 different commands to programme the equipment on weekly basis. Each wing can be turned on or off in addition to setting the blowing angle by means of the remote control. The optional cabled remote control, on the other hand, can be used for defining direct or indirect 3D iSee Sensor air blowing function for each wing independently from one another. Thus, the air-conditioners can respond to different usage habits and requirements in common spaces.

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: *tr.mitsubishielectric.com*

About Mitsubishi Electric Turkey Air-Conditioning Systems

*Mitsubishi Electric Turkey Air-Conditioning Systems offers sales and after-sales services for room-office air-conditioners, commercial air-conditioners, City Multi VRF central system air-conditioners, heat pump systems, ventilation systems, control systems and hand drying systems as well as heating, cooling, ventilation and hot water supply. It is distinguished with its heating and cooling products of A, A+, A++ and A+++ energy classification according to Seasonal Efficiency Criteria, "**MELCloud**", a cloud-based solution enabling online control of air-conditioners and "**Keşfetteam**" which is a technological survey service used for determining the most suitable air-conditioner and installation location.*