

2021 August

Feature

Life Sciences & Health Care Continue to Create New Opportunities



Mitsubishi Heavy Industries

Brain Sciences Show Comfort Level Varies with AC Airflow Direction

Mitsubishi Heavy Industries Thermal Systems, a **Mitsubishi Heavy Industries (MHI)** Group company, and a group led by Tsuyoshi Okamoto, associate professor at Kyushu University's Faculty of Arts and Science, have shown that the airflow direction of an air conditioner affects not only the thermal environment around people in a room but also the subjective assessment and psychological as well as physiological measurements of those in the room from a brain sciences perspective. Physiological measurements indicated higher comfort levels in an indirect airflow due to a reduction of the strength in the beta and gamma brain waves that indicate stress levels, while stress-indicating brain waves were detected in a direct airflow. The study's results were published on April 14, 2021, in the PLOS ONE online peer-review magazine.



Two commercial inverter packaged air conditioning units made by Mitsubishi Thermal Systems.

Left: The FDT in-ceiling indoor unit with four vents.

Right: The compact FDTC in-ceiling indoor unit with four vents.

Both employ the AirFlex draft prevention panel, an industry first. The panel houses airflow direction control plates operated using a remote control. Controlling each vent individually makes it possible to create an air-conditioned environment that suits the user's preference at any particular time.

<https://www.mhi.com/news/21042602html>



For more information about the Mitsubishi companies, see "mitsubishi.com"

■ <https://www.mitsubishi.com/en/>



The Mitsubishi Monitor is published by the Mitsubishi Public Affairs Committee

Marunouchi Nakadori Bldg., 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005, Japan
Phone: 81-3-5218-8660 Fax: 81-3-5218-8661



2021 August

Feature

Life Sciences & Health Care

Continue to Create New Opportunities



Mitsubishi UFJ Financial Group

Supporting the Medical Sector in the Fight Against COVID-19

The **Mitsubishi UFJ Financial Group (MUFG)** has decided to donate a total of 500 million yen from five Group companies (MUFG Bank, Mitsubishi UFJ Trust and Banking, Mitsubishi UFJ Securities Holdings, Mitsubishi UFJ NICOS, and ACOM) to the Institute of Medical Science, the University of Tokyo, and Osaka University to support development of a new COVID-19 vaccine in Japan. The five companies will also donate a total of 50 million yen to support children whose opportunities have been greatly affected by national measures taken in response to the COVID-19 pandemic. The beneficiary of this donation is Jibun Mirai Club, an NPO that runs online educational programs. In addition, MUFG Bank has entered a partnership agreement with the National Cerebral and Cardiovascular Center to provide support extending beyond COVID-19 and broadly encompassing activities in the medical sector.



© gettyimages

<https://www.bk.mufg.jp/global/newsroom/news2021/pdf/newse0215.pdf>



<https://www.bk.mufg.jp/global/newsroom/news2021/pdf/newse0330.pdf>



For more information about the Mitsubishi companies, see “mitsubishi.com”

■ <https://www.mitsubishi.com/en/>



The Mitsubishi Monitor is published by the Mitsubishi Public Affairs Committee

Marunouchi Nakadori Bldg., 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005, Japan
Phone: 81-3-5218-8660 Fax: 81-3-5218-8661



2021 August

Feature

Life Sciences & Health Care Continue to Create New Opportunities



Tokio Marine & Nichido Fire Insurance

Selection as a “Health & Productivity Stock” for the 6th Consecutive Year

Tokio Marine Group, under its Health Management Declaration, is implementing measures that promote health, lifestyle modification, prevention of disease aggravation, and mental health among its employees, and has been selected jointly by the Ministry of Economy, Trade and Industry (METI) and the Tokyo Stock Exchange (TSE) as a “2021 Health & Productivity Stock” for excellent health and productivity management for 6 years in a row. The Group established the Tokio Marine Group Wellness Charter and under the supervision of the Chief Wellness Officer is promoting health management for employees throughout the Group. The Group is also working with local government, financial institutions, chambers of commerce, and the Japan Health Insurance Association in promoting awareness about employee health management and in offering employers a range of Tokio Marine Group insurance solutions.



Under the Health & Productivity Stock Selection program, METI and TSE jointly select outstanding TSE-listed enterprises which focus on and strategically implement measures promoting the health of their employees from a management perspective.

https://www.tokiomarinehd.com/en/release_topics/release/k82ffv000009rom-att/20210305_e.pdf



https://www.tokiomarinehd.com/en/sustainability/management/wellness_charter.html



For more information about the Mitsubishi companies, see “mitsubishi.com”

■ <https://www.mitsubishi.com/en/>



The *Mitsubishi Monitor* is published by the Mitsubishi Public Affairs Committee

Marunouchi Nakadori Bldg., 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005, Japan
Phone: 81-3-5218-8660 Fax: 81-3-5218-8661



Feature

Life Sciences & Health Care Continue to Create New Opportunities



Mitsubishi Chemical Holdings

TOMOCO App Helps Diabetic patients to Improve Their Lifestyle

Mitsubishi Tanabe Pharma Corporation, a **Mitsubishi Chemical Holdings (MCHC)** group company, and Habitus Care have developed the healthcare application “TOMOCO” and are working together to address the social issue of diabetes. The TOMOCO health management service combines a smartphone application for users and a health guidance portal for assistance staff to provide programs that give targeted health guidance and help patients with diabetes to improve their lifestyle. The app facilitates daily record-keeping of such data as diet, exercise, medication adherence, and blood sugar levels and provides follow-up for action plans. TOMOCO supports efforts to improve lifestyle through treatment at medical facilities and specific health guidance provided by local governments and corporate health insurance associations.



Left: Users can employ their smartphone to daily record diet, exercise, medication, body weight, and other diabetes-related data. This data can be displayed in graph form.

Center: Sharing data entered in the app with guidance-providing nutritionists helps support the optimum care.

Right: Users can choose between 9 concierge characters who encourage them in keeping daily records. With point-scoring games, TOMOCO supports users in modifying their lifestyle.

For more information about the Mitsubishi companies, see “mitsubishi.com”

■ <https://www.mitsubishi.com/en/>



The **Mitsubishi Monitor** is published by the Mitsubishi Public Affairs Committee

Marunouchi Nakadori Bldg., 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005, Japan
Phone: 81-3-5218-8660 Fax: 81-3-5218-8661



2021 August

Feature

Life Sciences & Health Care

Continue to Create New Opportunities



Mitsubishi Group

Marking 150 Years: COVID-19 Special Subsidy

Celebrating the 150th anniversary of its founding, in 2020 **Mitsubishi Group** donated a total of 500 million yen to the Mitsubishi Foundation for the purpose of contributing to society through social measures targeting the COVID-19 crisis. On receiving this grant, the Mitsubishi Foundation disbursed a COVID-19 Special Subsidy in addition to its other regular subsidies. In the field of natural sciences, the Foundation gave grants totaling 400 million yen to 20 academic research projects involved in COVID-19 and other infectious diseases. In the field of social welfare, the Foundation collaborated with the Central Community Chest of Japan in giving grants totaling 100 million yen to 55 projects as “Support for Those Who Have their Roots Outside Japan” to provide assistance to people experiencing hardship due to the coronavirus outbreak. The Mitsubishi Foundation plans to continue disbursing grants in fiscal 2021, giving a total of about 500 million yen to the fields of natural sciences, humanities, social welfare, and the conservation of cultural property. Going forward, Mitsubishi Group will continue such activities contributing to society.



At the Meeting to Report on Mitsubishi Group Company CSR Activities to commemorate the 150th anniversary of the founding of the Mitsubishi Group President Ken Kobayashi (center) with representatives of recipients of the COVID-19 Special Subsidy

<https://www.mitsubishi.com/en/150th/project/>



<https://www.mitsubishi.com/en/csr/philanthropy/mitsubishifoundation/>



For more information about the Mitsubishi companies, see “mitsubishi.com”

■ <https://www.mitsubishi.com/en/>



The Mitsubishi Monitor is published by the Mitsubishi Public Affairs Committee

Marunouchi Nakadori Bldg., 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005, Japan
Phone: 81-3-5218-8660 Fax: 81-3-5218-8661

