

[PRESS RELEASE]

(Air conditioning system for overseas)

January 17, 2018
Fujitsu General Limited
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Collaboration with the Ventilation Manufacturer of Ventacity Systems Inc. in US on a Commercial Air Conditioning System

Exhibit at AHR EXPO 2018 – the Largest International Air-Conditioning, Heating and Refrigerating Exhibition in North America – and Start of Sales

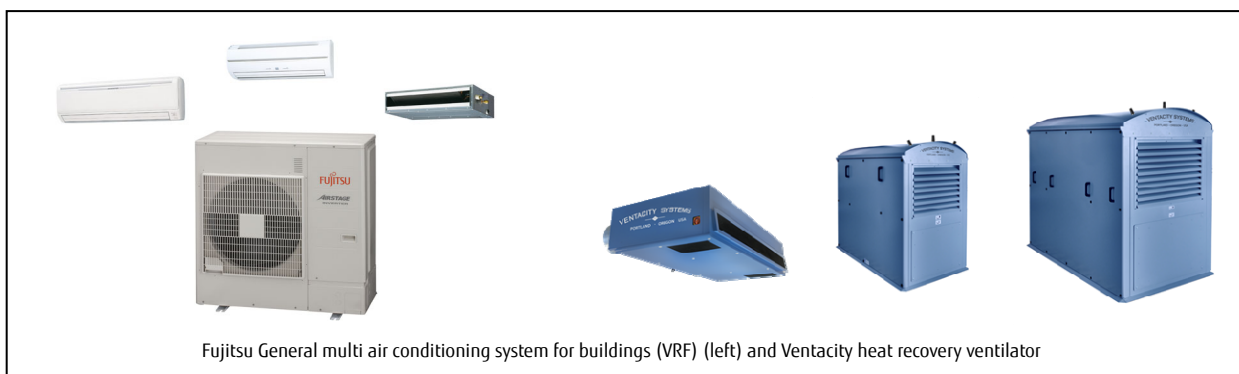
Fujitsu General has combined our building multi air conditioning system (“VRF”) with heat recovery ventilation system*¹ of Ventacity Systems Inc. (“Ventacity”) in US as a packaged HVAC solution and will start selling it in US market in January. We have also invested in Ventacity in November 2017 via our US subsidiary Fujitsu General America, Inc. to build a long-term partnership with them. Moreover, we will carry out Joint Development aiming at future utilization of cloud service and AI. We are exhibiting this system at AHR EXPO 2018, the largest comprehensive air conditioning, heating and ventilation equipment exhibition in North America, held in Chicago US from January 22 (local time).

This system, which consists of our VRF and Ventacity's heat recovery ventilation system, maintains indoor air quality through optimized air conditioning with VRF and ventilation to create comfortable air-conditioned space. It enables automated interlocking control based on the information from IoT sensors (e.g. temperature, CO₂ and motion sensors). It also enables remote monitoring of system condition and remote operation through Ventacity's cloud service.

We are planning to offer this solution to schools, mid-size offices, and national chain stores such as drugstores, coffee shops, and restaurants, which appreciates remote monitor and operating functions. We will also offer this system to the states, where energy efficiency regulation and ventilation regulation gets stricter more and more, as an optimized HVAC solution and will capture replacement demands of both air conditioning and ventilation.

In addition to development of User Interface on smart device for remote monitoring and remote operation, the storage of operating history and programmed timer setting, we will also develop fault diagnosis and prediction function together. Those new functions will be also added to field installed equipment through cloud which reduces extra work of users and contractors hence increases their convenience. Moreover, in future, we will enhance HVAC operation using AI technology based on big data from operating history and such.

*1: Heat recovery ventilation system: Ventilation system that minimizes change in room temperature during ventilation by exchanging heat between indoor and outdoor while when supply and exhaust air go through heat exchanger core.



Contact details

Public & Investor Relations Division <https://www.fujitsu-general.com/global/contact/press.html>

Overview of Ventacity Systems Inc.

Location: Portland, Oregon
Established: April 2015 (Unlisted)
Representative: Salvatore D'Auria
Business: Manufacture and sale of highly efficient next-generation HVAC systems with a focus on ventilators
URL: <http://www.ventacity.com/>

Overview of Fujitsu General America, Inc.

Location: Essex County, New Jersey
Established: September 1976 (100% subsidiary of Fujitsu General)
Representative: Matt Peterson
Business: Sales, maintenance and service of Fujitsu General products in the North and Central America region
URL: <http://www.fujitsugeneral.com/>

AHR EXPO 2018

Location: Chicago, Illinois
Dates: January 22 (Mon) to 24 (Wed), 2018
Visitors: Approx. 70,000 (Number of visitors in 2017)
Organizer: American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)
Overview: Comprehensive international exhibition of air conditioners, heaters, refrigeration equipment, ventilators
More than 2,000 exhibitors
URL: <https://ahrexpo.com/>