

Digital Products and Home Appliances

▶ Home Appliances

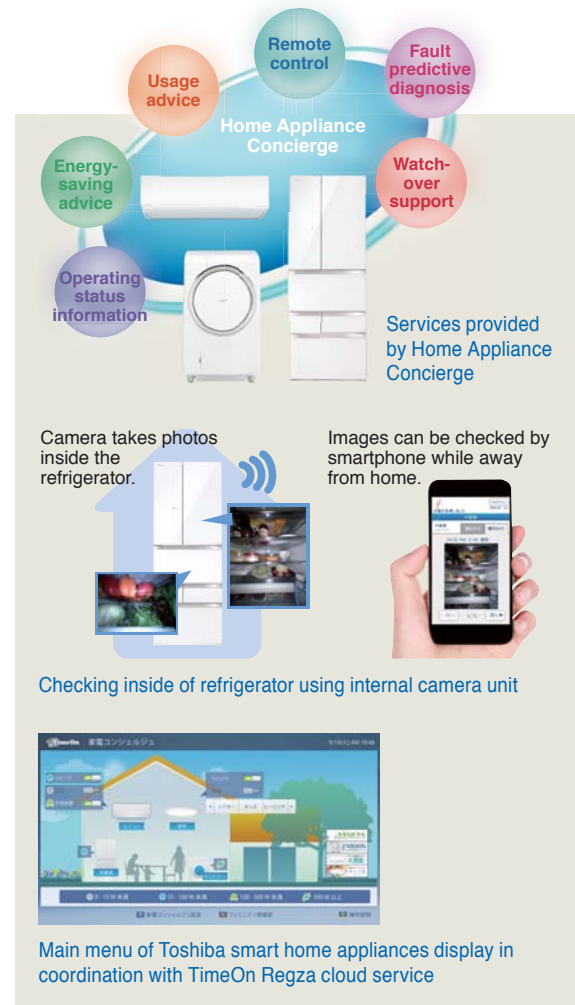
Connection of Smart Appliances to “Home Appliance Concierge” Service

Toshiba Lifestyle Products & Services Corporation has released the GR-G51/56FXV refrigerators, TW-Z96X1 drum type washer-dryer, and RAS-GDR series air conditioner as smart appliances. These smart appliances connect to the “Home Appliance Concierge” cloud service provided by Toshiba via the Internet. This service makes the lives of users more convenient and comfortable with the following functions:

- remote control, which allows users to operate air conditioners and obtain images of the interior of their refrigerator when they are away from home
- fault predictive diagnosis, which indicates signs of failure and allows users to contact our service center simply by pressing a button
- energy-saving advice, which visualizes power consumption and encourages users to save energy based on the use of appliances
- watch-over support, which checks the use of appliances by family members who live far away.

Users can utilize the service simply by attaching the HNW-ADB1 HA adapter to our smart appliances to access the communication capability. Furthermore, by installing the HNW-RCB1 camera unit in their refrigerator, users can view images of its interior with their smartphone in order to check its contents and plan what to buy and cook.

In coordination with the REGZA Z8/J8 series liquid crystal display (LCD) TVs, which offer the “TimeOn” Regza cloud service, our smart appliances make it possible for users to turn air conditioners on and off via the TV and to check if the washer-dryer has finished operation on a popup screen while watching TV as part of the Home Appliance Concierge service provided by the TimeOn feature.



VEGETA Series GR-G56FXV Refrigerator Featuring Moist Cold Air and Pico-ion Function to Keep Vegetables Fresh

Toshiba Lifestyle Products & Services Corporation has released the VEGETA series GR-G56FXV refrigerator, which keeps vegetables fresh for a longer time by means of cold air with approximately 100% humidity together with Pico-ion technology.

The main features of this product are as follows:

- The refrigerator estimates the amount of food in the refrigeration and vegetable compartments based on the temperature changes in the two compartments and the door opening frequency. The refrigerator then controls the moist cold air and Pico-ion function designed especially for vegetables to enhance their freshness and nutritional value.
- “Eco mode” operation combining our unique twin-cooling and insulation technologies with a total of 13 sensors realizes high energy efficiency.
- By accessing Toshiba’s FEMINITY home information technology (IT) system, users can check inside the refrigerator while away from home^(*).

(*) An optional camera is required.



ZABOON Series TW-Z96X1 Drum Type Washer-Dryer with Magic Drum Stain-Resistant Washing Machine Tub

The TW-Z96X1 is equipped with the Magic Drum stainless steel washing machine tub, whose surface is coated with hydrophilic glass. This prevents the adherence of detergent residues, which can cause black mold in a washing machine^(*1). In addition, this washer-dryer promotes maximum cleanliness with features such as “Ag⁺ (silver ion) antibacterial water,” Pico-ion Kabi Protect (protection against mold), and an antibacterial lint filter^(*2).

Our unique vibration absorption cushion and Active S-DD motor realize low-noise operation. Due to optimal heat pump control, this model achieves the industry’s lowest power consumption of approximately 610 Wh in one washing and drying cycle^(*3). Moreover, the Magic Drum reduces the frequency of cleaning of the washing tub to approximately one-third^(*1) compared with our previous models. These features highlight the excellent maintainability and energy efficiency of the TW-Z96X1.

- (*1) Dirt adhering to the external surface of the cylinder of the stainless steel washing machine tub has been confirmed to be efficiently removed during laundry washing operation of the TW-Z96X1.
- (*2) Efficacy confirmed according to the Japanese Industrial Standards JIS Z 2801 film adherence method. Mixing of an antibacterial agent into resin achieved a sterilization rate of 99% or more.
- (*3) Power consumed by the TW-Z96X1 for cleaning and drying a rated 6 kg wash load, confirmed based on the voluntary standards of the Japan Electrical Manufacturers’ Association (JEMA).



ZABOON TW-Z96X1 drum type washer-dryer with heat pump and Magic Drum washing tub

TORNEO V Compact VC-S43 Centrifugal Vacuum Cleaner Maintaining High Suction Power

Toshiba Lifestyle Products & Services Corporation has released the TORNEO V compact VC-S43 centrifugal vacuum cleaner. This product is a smaller and lighter version of our unique Vertical Tornado System, which integrates a centrifugal separator and a dust cup.

The main features of the TORNEO V compact VC-S43 model are as follows:

- The newly developed Vertical Tornado System, a centrifugal separator consisting of 10 cylinders, separates dust and maintains a suction power of more than 99%^(*).
- With a compact cyclonic system and small and lightweight motor, the main unit weighs only 2.9 kg, making it highly portable.
- The newly designed slim body can turn in a small radius for easy cleaning.

(*) Confirmed based on the voluntary standards of JEMA.



TORNEO V compact VC-S43 centrifugal vacuum cleaner