

Compact, slimline air conditioner unit with low-noise operation

Registration No.	Number 00305		
Registration Date	September 14, 2021	Registration Category	Category 1

Name (Model, etc.)	Room air conditioner with horizontal scroll compressor Compact outdoor unit (CU-G25V)
Location	Kusatsu-shi, Shiga
	Appliances Company Panasonic Corporation
Owner (Custodian)	Appliances Company Panasonic Corporation
Manufacturer (Company)	Matsushita Electric Industrial Corporation (now Panasonic Corporation)
Year Manufactured	1993
Year first appeared	1992
Reason For Selection	This is a compact exterior air-conditioning unit together with production design drawings. It features a low-noise, low-vibration horizontal scroll compressor with a smaller fan designed to reduce noise as well as a high-density refrigeration cycle. The slimline design was around 25% smaller and 7 kg lighter than conventional exterior units at the time with a 33% smaller footprint, making it suitable for confined spaces such as balconies and verandahs. The winning combination of features such as compact, lightweight design and low-noise, vibration-free operation was adopted in a succession of models over many years. This example provides an important insight into how air-conditioning technology responded to rising consumer expectations, from having one air conditioner for the home to having one in every room.
Registration Standard	2-A (Played a notable role in improving people's way of life and creating new ways of living.)

Open/Closed to Public	Closed to Public
Photo	
Other useful information	