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INTERNATIONAL STANDARD

Information technology – UPnP Device Architecture –
Part 6-12: Heating, Ventilation, and Air Conditioning Device Control Protocol –
Fan Speed Service

INTERNATIONAL ELECTROTECHNICAL COMMISSION

PRICE CODE

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INFORMATION TECHNOLOGY – UPNP DEVICE ARCHITECTURE –

Part 6-12: Heating, Ventilation and Air Conditioning Device Control Protocol – Fan Speed Service

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ISO/IEC 29341-6-12 was prepared by UPnP Implementers Corporation and adopted, under the PAS procedure, by joint technical committee ISO/IEC JTC 1, *Information technology*, in parallel with its approval by national bodies of ISO and IEC.

The list of all currently available parts of the ISO/IEC 29341 series, under the general title *Universal plug and play (UPnP) architecture*, can be found on the IEC web site.

This International Standard has been approved by vote of the member bodies, and the voting results may be obtained from the address given on the second title page.

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ORIGINAL UPNP DOCUMENTS (informative)

Reference may be made in this document to original UPnP documents. These references are retained in order to maintain consistency between the specifications as published by ISO/IEC and by UPnP Implementers Corporation. The following table indicates the original UPnP document titles and the corresponding part of ISO/IEC 29341:

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1. Overview and Scope

This service definition is compliant with the UPnP Device Architecture version 1.0. It defines a service type referred to herein as FanSpeed:1.

FanSpeed:1 provides programmatic control and status information for air fans used in Heating, Ventilation and Air-Conditioning (HVAC) applications. It allows a control point to command the speed of the fan by means of a continuous 0% to 100% control variable. Fans which are On/ Off or three speed (Off/ Low/ Medium/ High) respond by mapping the continuous control variable to specific vendor-dependent switching points. It provides optional functionality for dual direction reversible fans.

FanSpeed:1 enables the following functions:

- Control of the speed of an air-conditioning or ventilation fan.
- Reversible fans.