



# Wi-Fi CERTIFIED™ Certificate



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: [www.wi-fi.org/certification/programs](http://www.wi-fi.org/certification/programs)

**Certification ID: WFA131146**

## Product Info

|                              |  |
|------------------------------|--|
| <b>Date of Certification</b> | May 17, 2024   |
| <b>Company</b>               | Home Depot Product Authority, LLC                                      |
| <b>Product Name</b>          | Hartney 60 in. Indoor/Outdoor Midnight Black Ceiling Fan with Hubspace |
| <b>Product Model Variant</b> | 3HAR60MBK-HD   |
| <b>Model Number</b>          | 3HAR60MBK-HD   |
| <b>Category</b>              | Smart Home   |
| <b>Sub-category</b>          | Smart Appliances (Small)   |

## Summary of Certifications

| <b>CLASSIFICATION</b> | <b>CERTIFICATION</b>  |
|-----------------------|---|
| <b>Connectivity</b>   | 2.4 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n   |
| <b>Optimization</b>   | WMM®  |
| <b>Security</b>       | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2021-01<br>WPA3™-Enterprise 2022-12<br>WPA3™-Personal 2023-12<br>WPA™-Enterprise<br>WPA™-Personal |



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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

FreeRTOS, version:v 8.2.0

### Wi-Fi Component Firmware

v 7.0

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|-----------------|---------------|--------------|
| 2.4 GHz         | 1             | 1            |

## Certifications

### 2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

40 MHz Channel Width in 2.4 GHz

### Protected Management Frames

### WMM®

### WPA2™-Enterprise 2018-04

EAP methods

EAP TLS

EAP TTLS

PEAPv0

### WPA2™-Personal 2021-01

### WPA3™-Enterprise 2022-12

EAP methods

EAP TLS

EAP TTLS

PEAPv0

Server Certificate Validation

### WPA3™-Personal 2023-12

### WPA™-Enterprise

### WPA™-Personal

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

A-MPDU Tx

Short Guard Interval

STBC