



ENERGY STAR CERTIFIED Televisions

Samsung - QN85QN90FAF : QN85QN90FAF

Specifications

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| ENERGY STAR Unique ID: | 3943301 |
| Brand Name: | Samsung |
| Model Number: | QN85QN90FAF |
| Model Name: | QN85QN90FAF |
| Application: | Consumer |
| Display Type: | QD-LED (QLED) |
| Backlight Technology Type: | Direct-lit LED |
| Resolution Format: | 4K (UHD) |
| Native Vertical Resolution (pixels): | 2160 |
| Native Horizontal Resolution (pixels): | 3840 |
| High Contrast Ratio (HCR) Display: | No |
| Automatic Brightness Control: | Yes |
| Is Automatic Brightness Control Enabled by Default in the Default SDR Preset Picture Setting When Television is Shipped?: | No |
| Low Power Wireless Technologies Supported: | Bluetooth |
| Features: | Quick Start,Wake-On-Cast Compatibility,Control Via Remote Control App,Control Via Smart Speaker,Upconversion,Motion-based Dynamic Dimming (MDD) (also known as Motion Eye Care),Automatic Brightness Control,User Adjustable Backlight |
| Reported Annual Energy Consumption (kWh): | 344.87 |
| Average On Mode Power Consumption for Certification (watts): | 186.31 |
| Reported On Mode Power (per the Federal Test Procedure) (watts): | 186.31 |
| Measured Standby Mode Power (Watts): | 0.7 |
| Diagonal Viewable Screen Size (in.): | 84.5 |
| Date Certified: | 2025-01-23 |
| Markets: | United States |
| ENERGY STAR Certified: | Yes |

Additional Model Information

QN85QN90FDF,QN85QN90FDF,Same as basic model except model designation; QN85QN92FAF,QN85QN92FAF,Same as basic model except model designation

Captured On:
05/20/2025