



ENERGY STAR CERTIFIED Televisions

Samsung - QN42S90FAE : QN42S90FAE

Specifications

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| ENERGY STAR Unique ID: | 3994228 |
| Brand Name: | Samsung |
| Model Number: | QN42S90FAE |
| Model Name: | QN42S90FAE |
| Application: | Consumer |
| Display Type: | OLED |
| Backlight Technology Type: | OLED |
| Resolution Format: | 4K (UHD) |
| Native Vertical Resolution (pixels): | 2160 |
| Native Horizontal Resolution (pixels): | 3840 |
| High Contrast Ratio (HCR) Display: | Yes |
| 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): | 137.5 |
| Average On Mode Power Consumption for Certification (watts): | 71.93 |
| Reported On Mode Power (per the Federal Test Procedure) (watts): | 71.92 |
| Measured Standby Mode Power (Watts): | 0.9 |
| Diagonal Viewable Screen Size (in.): | 41.5 |
| Date Certified: | 2025-02-05 |
| Markets: | United States |
| ENERGY STAR Certified: | Yes |

Additional Model Information

QN42S90FDE,QN42S90FDE,Same as basic model except model designation; QN42S92FAE,QN42S92FAE,Same as basic model except model designation

Captured On:
04/24/2025