



## ENERGY STAR CERTIFIED Televisions

### Samsung - QN42S90FAE : QN42S90FAE

#### Specifications

|   |  |
|---|--|
| 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:  
06/17/2025