



# ENERGY STAR CERTIFIED Televisions

## Samsung - QN42S90DAE : QN42S90DAE

### Specifications

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| <b>ENERGY STAR Unique ID:</b>  | 3462878  |
| <b>Brand Name:</b>   | Samsung  |
| <b>Model Number:</b>   | QN42S90DAE   |
| <b>Model Name:</b>   | QN42S90DAE   |
| <b>Application:</b>  | Consumer   |
| <b>Display Type:</b>   | OLED   |
| <b>Backlight Technology Type:</b>  | OLED   |
| <b>Resolution Format:</b>  | 4K (UHD)   |
| <b>Native Vertical Resolution (pixels):</b>  | 2160   |
| <b>Native Horizontal Resolution (pixels):</b>  | 3840   |
| <b>High Contrast Ratio (HCR) Display:</b>  | Yes  |
| <b>Automatic Brightness Control:</b>   | Yes  |
| <b>Is Automatic Brightness Control Enabled by Default in the Default SDR Preset Picture Setting When Television is Shipped?:</b> | No   |
| <b>Low Power Wireless Technologies Supported:</b>  | Bluetooth  |
| <b>Features:</b>   | 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 |
| <b>Reported Annual Energy Consumption (kWh):</b>   | 132.0  |
| <b>Reported On Mode Power (per the Federal Test Procedure) (watts):</b>  | 71.3   |
| <b>Diagonal Viewable Screen Size (in.):</b>  | 41.5   |
| <b>Date Certified:</b>   | 2024-04-18   |
| <b>Markets:</b>  | United States  |
| <b>ENERGY STAR Certified:</b>  | Yes  |

### Additional Model Information

QN42S90DDE,QN42S90DDE,Same as basic model except model designation

**Captured On:**  
01/17/2025