

Samsung - QN77S90FAF : QN77S90FAF

ENERGY STAR Unique ID: 3994232 Brand Name: Samsung Model Number: QN77S90FAF Model Name: QN77S90FAF Model Name: QN77S90FAF Application: Consumer Display Type: OLED Backlight Technology Type: OLED Backlight Technology Type: AK (UHD) Native Vertical Resolution (pixels): 4K (UHD) Native Vertical Resolution (pixels): 3840 High Contrast Ratio (HCR) Display: Yes Automatic Brightness Control Enabled by Default in the Default SDR Preset Picture Setting When Television is Shipped?: 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): 286.5 Average On Mode Power Consumption for Certification (watts): 154.71 Reported On Mode Power (per the Federal Test Procedure) (watts): 0.6 Diagonal Viewable Screen Size (in.): 76.8		
Brand Name: Samsung Model Number: QN77S90FAF Model Name: QN77S90FAF 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: Yes Is Automatic Brightness Control Enabled by Default in the Default SDR Preset Picture Setting When Television is Shipped?: 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 Via Smart Speaker, Upconversion, Motion-based Dynamic Dimming (MDD) (also known as Motion Eye Care), Automatic Brightness Control Certification (watts): Reported On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test 154.71 Procedure) (watts): Measured Standby Mode Power (Watts): 0.6 Diagonal Viewable Screen Size (in.): 76.8	Specifications	
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Is Automatic Brightness Control Enabled by Default in the Default SDR Preset Picture Setting When Television is Shipped?: 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): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts): Measured Standby Mode Power (Watts): Diagonal Viewable Screen Size (in.): 76.8	High Contrast Ratio (HCR) Display:	Yes
Default in the Default SDR Preset Picture Setting When Television is Shipped?: Low Power Wireless Technologies Supported: Bluetooth 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): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts): Measured Standby Mode Power (Watts): Diagonal Viewable Screen Size (in.): 76.8	Automatic Brightness Control:	Yes
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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): Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts): Measured Standby Mode Power (Watts): Diagonal Viewable Screen Size (in.): 76.8	Low Power Wireless Technologies Supported:	Bluetooth
Average On Mode Power Consumption for Certification (watts): Reported On Mode Power (per the Federal Test Procedure) (watts): Measured Standby Mode Power (Watts): Diagonal Viewable Screen Size (in.): 154.71 0.6 76.8	Features:	App,Control Via Smart Speaker,Upconversion,Motion-based Dynamic Dimming (MDD) (also known as Motion Eye Care),Automatic Brightness
Certification (watts): Reported On Mode Power (per the Federal Test 154.71 Procedure) (watts): Measured Standby Mode Power (Watts): Diagonal Viewable Screen Size (in.): 76.8	Reported Annual Energy Consumption (kWh):	286.5
Procedure) (watts): Measured Standby Mode Power (Watts): Diagonal Viewable Screen Size (in.): 76.8	Average On Mode Power Consumption for Certification (watts):	154.71
Diagonal Viewable Screen Size (in.): 76.8	Reported On Mode Power (per the Federal Test Procedure) (watts):	154.71
	Measured Standby Mode Power (Watts):	0.6
Date Certified: 2025-02-06	Diagonal Viewable Screen Size (in.):	76.8
	Date Certified:	2025-02-06
Markets: United States	Markets:	United States
ENERGY STAR Certified: Yes	ENERGY STAR Certified:	Yes

Additional Model Information

QN77S90FDF,QN77S90FDF,Same as basic model except model designation; QN77S92FAF,QN77S92FAF,Same as basic model except model designation