



# ENERGY STAR CERTIFIED Televisions

## Samsung - QN43QN90CAF : QN43QN90CAF

Specifications	
ENERGY STAR Unique ID:	2406380
Brand Name:	Samsung
Model Number:	QN43QN90CAF
Model Name:	QN43QN90CAF
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:	Control Via Smart Speaker, Motion-based Dynamic Dimming (MDD) (also known as Motion Eye Care), Automatic Brightness Control
Reported Annual Energy Consumption (kWh):	110.8
Power Consumption in Standby Mode when Not Connected to a Network (watts):	0.38
Power Consumption in Standby Mode when Connected to a Network (watts):	0.42
Average On Mode Power Consumption for Certification (watts):	67.38
Reported On Mode Power (per the Federal Test Procedure) (watts):	55.0
Diagonal Viewable Screen Size (in.):	42.5
Date Certified:	2022-12-28
Markets:	United States
ENERGY STAR Certified:	Yes

## Additional Model Information

QN43QN90CDF,QN43QN90CDF,Same as basic model except model designation

**UPC Codes**

**Captured On:**  
07/14/2023