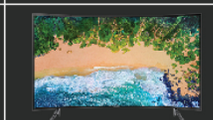
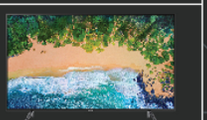
SAMSUNG | 2018 TV Comparison Chart for Custom Installers

	Feature	Q9FN	Q8FN	Q7CN/Q7FN		Q6FN	NU8500/NU8000		NU7300/NU7100	
TV SERIES	TV Image									
	Type/Screen Size	Flat (88" Carry Over), 75", 65"	Flat 75", 65", 55"	Curved 65", 55"	Flat 75", 65", 55"	Flat 82", 75", 65", 55", 49"	Curved 65", 55"	Flat 82", 75", 65", 55", 49"	Curved 65", 55"	Flat 75", 65", 55", 50", 43", 40"
PICTURE QUALITY	Resolution	4K UHD	4K UHD	4K UHD		4K UHD	4K UHD		4K UHD	
	Color	Q Color™	Q Color™	Q Color™		Q Color™	Dynamic Crystal Color™		PurColor™	
	Color Volume	100% Color Volume [1]	100% Color Volume [1]	100% Color Volume [1]		100% Color Volume [1]	-		-	
	Contrast	Q Contrast EliteMax™	Q Contrast Elite™	Q Contrast Plus™		Q Contrast™	Essential Contrast Plus		Essential Contrast	
	Back Light	Full Array Elite Backlight	Full Array Backlight	Ultra Slim Array		Ultra Slim Array	Ultra Slim Array		Standard	
	HDR	Q HDR EliteMax™	Q HDR Elite™	Q HDR Elite™		Q HDR™	HDR Plus™		HDR	
	Black Level	Ultra Black Elite™	Ultra Black Elite™	Ultra Black Elite™		-	-		-	
	Mastering Engine	Q Engine™	Q Engine™	Q Engine™		Q Engine™	UHD Engine™		UHD Engine™	
	Motion Rate	Motion Rate 240	Motion Rate 240	Motion Rate 240		Motion Rate 240	Motion Rate 240 (49" Motion Rate 120)		Motion Rate 120	
DESIGN	Ambient Mode	Yes [2]	Yes [2]	Yes [2]		Yes [2]	-		-	
	One Invisible Connection™ [3] and One Connect Box	Supplied 5m Cable; Optional In Wall Rated 15m Cable	Back of TV Connectivity	Supplied 5m Cable; Optional In Wall Rated 15m Cable		Back of TV Connectivity	Back of TV Connectivity		Back of TV Connectivity	
	No Gap Wall Mount™	Sold separately [4]	-	Sold separately [4]		-	-		-	
	Clean Cable Solution™	-	Yes, Cable Routing	-		Yes, Cable Routing	Yes, Cable Routing		Yes, Cable Routing [5]	
	VESA Support	All Samsung TVs support VESA Wall Mounting Standards ›››› [82" : 600mm x 400MM]›››››[75"/65" : 400mm x 400mm]›››››[55", 50", 49", 43", 40" : 200mm x 200mm]								
SMART	Samsung OneRemote	Yes	Yes	Yes		Yes	Yes		Standard Remote	
	Bixby Voice Control	Yes	Yes	Yes		Yes	Yes			
	Universal Browse & Play	Yes	Yes	Yes		Yes	Yes		Yes	
CONNECTIVITY	Easy Set Up	Yes	Yes	Yes		Yes	Yes			
	HDMI / USB	4 / 3	4 / 2	4 / 3		4 / 2	4 / 2		3 / 2	
	A/V; Y, Pb, Pr	No	No	No		No	No		1 - Shared A/V, Componet Video Input	
	BT HID Support	Yes	Yes	Yes		Yes	Yes		No	
	Optical Out	All Samsung 4K Ultra HDTVs Support Optical Audio Out								
	Serial Control	Yes, Ex-Link	Yes, Ex-Link	Yes, Ex-Link		Yes, Ex-Link	Yes, Ex-Link		Yes, Requires USB Serial Adaptor	
	IP Control	Samsung 2018 NU8000 Series and above support AMX, Control4, Crestron, RTI, SAVANT, URC Automatic Home Control Systems							NU7 Series TVs do not support IP Control	
SUPPORT	Tech Hot Line	SAMSUNG TECH SUPPORT HOT LINE ---- 866-208-2911 SAMSUNG SERVICE SUPPORT LINE ---- 866-797-8727								
	CI Web Portal	Register to download custom installer product info, 2D drawings, etc ---- www.samsung.com/custominstall								
	IP Control	IP CONTROL SUPPORT ---- CONTACT YOUR AMX, CONTROL4, CRESTRON, RTI, SAVANT, or URC HOT LINE								
CAL	CalMan with Auto CAL	CALMAN WITH AUTOCAL SUPPORT ---- REQUIRES AUTOCAL S/W - CONTACT SPECTRACAL								

[1] QLED televisions can produce 100% Color Volume in the DCI-P3 color space, the format for most cinema screen and HDR movies for television. [2] Background feature accuracy may vary based on TV location, dependent on wall designs, patterns, and/or colors. SmartThings app on a mobile device (Android, iOS) is required for some functionality. App features may be limited at launch; please continue to check for updates. [3] Refers to the single optical cable connected to the One Connect Box and excludes external device cables. [4] A small gap between the wall and TV may occur if wall is not 100% flat or is constructed off-angle to the floor or if installed incorrectly. [5] Clean cable solution not available on the 40" & 43" NU7100 Series TVs. Screen images simulated. ©2018 Samsung Electronics America, Inc. Samsung is a registered trademark of Samsung Electronics Co., Ltd. All other brand, product and service names and logos are the property of their respective owners.