

# AIR CONDITIONER TITAN



Model		TITAN26	TITAN35	TITAN53	TITAN70
Indoor model name		TITAN26IN CJ	TITAN35IN CJ	TITAN53IN CJ	TITAN70IN CJ
Indoor code		20011462	20011463	20011464	20011465
Outdoor model name		TITAN26OUT CJ	TITAN35OUT CJ	TITAN53OUT CJ	TITAN70OUT CJ
Outdoor code		20011466	20011467	20011468	20011469
Type		T1, H/P, INVERTER	T1, H/P, INVERTER	T1, H/P, INVERTER	T1, H/P, INVERTER
<b>Performance</b>					
Pdesign Cooling	W	2600	3500	5000	7000
Pdesign Heating Average	W	2300	2800	3900	5000
Pdesign Heating Warm	W	2600	3500	5000	7100
SEER	Cooling	8,5	8,5	7,8	7,9
SCOP	Heating Average	4,6	4,6	4,6	4,6
SCOP	Heating Warm	5,2	5,1	5,1	5,1
Energy Class	Cooling	A+++	A+++	A++	A++
Energy Class	Heating Average	A++	A++	A++	A++
Energy Class	Heating Warm	A+++	A+++	A+++	A+++
Cooling Capacity	W	2600 (800-3200)	3500 (1000-4000)	5000 (1500-6300)	7000 (1600-7800)
Heating Capacity	W	3000 (800-3300)	3900 (1000-4400)	5400 (1600-6200)	7500 (1800-8000)
Input-Cooling	W	590 (170-1400)	890 (190-1500)	1295 (260-1800)	2000 (420-2760)
Input-Heating	W	720 (170-1500)	1000 (190-1600)	1380 (320-1650)	2100 (395-2850)
Moisture Removal	l/h	0,9	1,2	2,0	2,2
Air Circulation (Indoor) (H/H-M/M/M-L/L)	m³/h	520/480/450/420/380	580/540/500/470/430	950/830/760/710/650	1100/950/860/780/700
Air Circulation (Outdoor)	m³/h	2000	2200	2800	3200
EER for Cooling	WW	4,41	3,93	3,86	3,5
COP for Heating	WW	4,17	3,90	3,91	3,57
Max current	A	7,5	8	12,3	15,2
Refrigerant		R32	R32	R32	R32
Refrigerant charge volume	g	750	800	1150	1500
Indoor Unit Noise Level - Sound Power	dB (A)	56	56	60	63
Indoor Unit Noise Level - Sound Pressure (H/H-M/M/M-L/L/Quiet)	dB (A)	39/37/35/33/31/25	40/38/35/33/31/26	44/42/39/37/35/31	45/42/40/38/36/32
Outdoor Unit Noise Level - Sound Power	dB (A)	61	62	63	67
Outdoor Unit Noise Level - Sound Pressure	dB (A)	53	54	56	58
Annual energy consumption(cooling)	kWh/a	107	144	224	310
Annual energy consumption(heating)	warmer	700	961	1373	1949
	average	700	852	1187	1522
	colder	/	/	/	/
<b>Power Supply</b>					
Voltage, Frequency, Phase	V	220-240V~,50Hz,1P	220-240V~,50Hz,1P	220-240V~,50Hz,1P	220-240V~,50Hz,1P
Rated Current	Cooling (A)	2,6	4	5,8	8,9
	Heating (A)	3,2	4,5	6,2	9,4
<b>System</b>					
Compressor type		Rotary	Rotary	Rotary	Rotary
Compressor Model No.		KSK89D59UEZC	KSN98D64UFZ3	KTN150D42UFZB	KTM225D43UMT
Compressor MFG		GMCC	GMCC	GMCC	GMCC
Expansion Device		expansion valve	expansion valve	expansion valve	expansion valve
Evaporator		Copper tube and Aluminum Fin	Copper tube and Aluminum Fin	Copper tube and Aluminum Fin	Copper tube and Aluminum Fin
Condenser		Copper tube and Aluminum Fin	Copper tube and Aluminum Fin	Copper tube and Aluminum Fin	Copper tube and Aluminum Fin

Model			TITAN26	TITAN35	TITAN53	TITAN70
<b>Connecting Pipe Diameter</b>						
Liquid Pipe	inch		1/4	1/4	1/4	3/8
Gas Pipe	inch		3/8	3/8	1/2	5/8
<b>Features</b>						
HI-NANO Sterilization			•	•	•	•
Fire Alarm/Room Card Port			•	•	•	•
Carbon Filter			-	-	-	-
Wifi APP Control			•	•	•	•
Voice Control (with Alexa Google)			Optional	Optional	Optional	Optional
Display on Front Panel			LED	LED	LED	LED
LCD Wireless Remote Controller			•	•	•	•
Removable and washable Panel			•	•	•	•
Washable PP Filter			•	•	•	•
24 Hours Timer			•	•	•	•
Vertical Auto Swing Louver			•	•	•	•
Sleep Operation			•	•	•	•
Smart Function			•	•	•	•
Super Function			•	•	•	•
Auto Restart			•	•	•	•
Silent Mode			•	•	•	•
Dimmer			•	•	•	•
2 Ways Draining Connection (Left or Right)			•	•	•	•
Low ambient temperature cooling			•	•	•	•
Horizontal Auto Swing Louver			•	•	•	•
8 °C heating			•	•	•	•
5 Speed and Auto Indoor Fan Control			•	•	•	•
Outdoor Chassis Heater			•	•	•	•
<b>Other</b>						
Net Dimensions	Indoor Unit	WxHxD (mm)	790x255x200	790x255x200	890x300x224	998x325x227
	Outdoor Unit	WxHxD (mm)	780x540x260	810x585x280	860x667x310	900x750x340
Net Weight (Kg)	Indoor Unit	kg	7.1	7.3	10	12,0
	Outdoor Unit	kg	28	33	39	49
Packing Dimensions	Indoor Unit	WxHxD (mm)	890x320x260	890x320x260	960x365x300	1060x390x315
	Outdoor Unit	WxHxD (mm)	910x600x360	940x630x385	995x720x420	1060x820x450
Gross Weight	Indoor Unit	kg	8.6	8.6	12	14,5
	Outdoor Unit	kg	31,5	37	45	54
Loading Capacity (20/40/40/HC ) No Pipe			108/222/266	96/198/232	72/144/164	54/108/126
Test Standard			EN 14511, EN 14825, EN 12102	EN 14511, EN 14825, EN 12102	EN 14511, EN 14825, EN 12102	EN 14511, EN 14825, EN 12102
Approvals			CE	CE	CE	CE
Operating Temp Range	cooling		-15 °C - 50 °C	-15 °C - 50 °C	-15 °C - 50 °C	-15 °C - 50 °C
	heating		-22 °C - 24 °C	-22 °C - 24 °C	-22 °C - 24 °C	-22 °C - 24 °C
Max allowable tubing length at shipment	m		5	5	5	5
limit of tubing length	m		20	20	20	20
limit of elevation difference H	m		10	10	15	15
required amount of additional refrigerant	g/m		20	20	20	30