

## WHY CASSETTE TYPE TOYOTOMI?

Professional air conditioning solutions, high-efficiency, and reliable air conditioning units of low consumption.



All DC Inverter



Anti-Corrosion Protection "Blue Fins"



Connection with BMS



Door Card Control



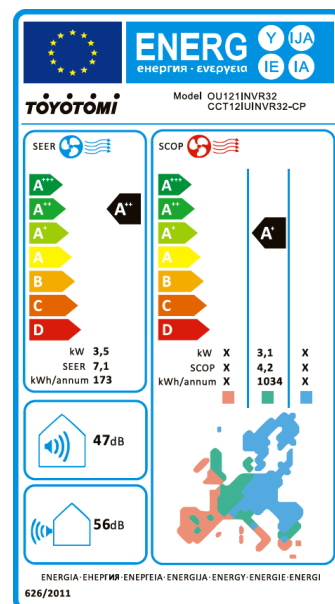
Eight Way flow



Fresh air

MODEL	CCT12IUINVR32-CP/OU121INVR32
EAN BAR CODE INDOOR UNIT	4963505028671
EAN BAR CODE PANEL	4963505028831
EAN BAR CODE OUTDOOR UNIT	4963505028596
COUNTRY OF ORIGIN	CHINA

CODE	DESCRIPTION
20.22CCT12IUINVR32	CCT12IUINVR32-CP LC CASSETTE INVERTER INDOOR UNIT TOYOTOMI
20.22CCT12IUINVR32-P	CCT12IUINVR32-CP LC CASSETTE INVERTER INDOOR UNIT TOYOTOMI PANEL
20.22OU121INVR32	OU121INVR32 LC INVERTER OUTDOOR UNIT R32 TOYOTOMI



MODEL		CCT12IUIVR32-CP/OU121INVR32	
Old Model		CCT35IUIVR32 / OU351INVR32	
<b>CAPACITY Pdesign</b>			
Pdesignc Cooling		kW	3,50
Pdesignh Heating (average zone)		kW	3,10
<b>COOLING / HEATING CAPACITY</b>			
Cooling*	Capacity	Btu/h	11.900
		kW	3,50
	Range	Btu/h	3.071 - 13.648
		kW	0,9 - 4,00
EER		3,80	
Heating*	Capacity	Btu/h	13.600
		kW	4,00
	Range	Btu/h	3.071 - 14.501
		kW	0,9 - 4,50
COP		4,00	
<b>SEASONAL EFFICIENCY</b>			
Cooling	SEER	7,10	
	Energy Class	A++	
Heating	SCOP (average zone)	4,20	
	Energy Class (average zone)	A+	
<b>ELECTRICAL DATA</b>			
Phase-Voltage-Frequency		1 / 220-240 / 50-60	
Cooling	Annual Electricity Consumption (Q <sub>ce</sub> )	kWh/a	173
	Maximum Input Power	kW	0,92
	Maximum Input Current	A	4,40
Heating	Annual Electricity Consumption (Q <sub>ce</sub> )	kWh/a	1.034
	Maximum Input Power	kW	1,00
	Maximum Input Current	A	4,80
<b>AIR FLOW / SOUND POWER-PRESSURE</b>			
Humidity Removal		L/h	1,00
Air Flow Indoor Unit (L/M/H/SH)		m <sup>3</sup>	400/500/550/600
Sound Power Indoor Unit (Hi)		dB(A)	47
Sound Pressure Indoor Unit (L/M/H)		dB(A)	29/33/35
Sound Power Outdoor Unit (Hi)		dB(A)	56
Sound Pressure Outdoor unit (Hi)		dB(A)	48
<b>DIMENSIONS &amp; WEIGHT</b>			
Indoor Unit	Unit Dimensions (W*H*D)	mm	570x260x570
	Package Dimensions (W*H*D)	mm	698x295x653
	Net/Gross Weight	Kg	16,5/21
Panel	Unit Dimensions (W*H*D)	mm	620x47,5x620
	Package Dimensions (W*H*D)	mm	693x115x693
	Net/Gross Weight	Kg	3/4,5
Outdoor Unit	Unit Dimensions (W*H*D)	mm	675x553x285
	Package Dimensions (W*H*D)	mm	794x605x376
	Net/Gross Weight	Kg	24,5/27
	Outdoor Unit		Metallic
<b>INSTALLATION DATA</b>			
Refrigerant piping	Liquid	mm (inch)	6,35 (1/4")
	Gas	mm (inch)	9,53 (3/8")
	Maximum length without adding refrigerant	m	7
	Maximum length with additional refrigerant	m	30
	Maximum height distance between indoor – outdoor unit	m	15
	Refrigerant Charge R32	g	570
Additional Refrigerant Charge	g/m	16	
<b>ELECTRICAL CONNECTIONS</b>			
	Power Cable Outdoor Unit	mm <sup>2</sup>	3 x 2.5
	Indoor – Outdoor Communication Cable	mm <sup>2</sup>	4 x 1.5



































### General Characteristics

All DC Inverter	YES		
Operation Range	Cooling	°C	-20~52
	Heating	°C	-20~24
Refrigerant	R32		
Wireless Controller	TYAP1F7		

### Features

Condensation Water Pump	1m
Air Flow	Eight-Way Flow
Connection Availability	4 Units with 1 Wiring Controller
Compressor	TWIN ROTARY
Anti-corrosion protection	BLUE FINS
DC Inverter Operation	YES
8°C Heating Operation	YES
Self-Diagnosis system	YES
Intelligent Defrost	YES
Sleep Operation	YES
Schedule Timer Operation	YES
Electronic board anti corrosion protection	YES
Quiet Operation	YES
Auto Restart	YES
Wide Electrical Operation Range	YES
Self-Clean (56°C) Operation	YES
Wireless Controller	YES - TYAP1F7
Low Power Consumption at Standby	YES
I-Sense Operation	YES
History alarm	OPTIONAL
Turbo Operation	YES
Louver Memory Position	YES
Smart Start	YES
Lock Function	YES
Pre-Heating Operation	YES
Fully Closed Louvers IDU	YES
Filter Reminder	With Wiring Controller
Dry Contact Control	OPTIONAL
Wi-Fi	OPTIONAL
Modbus RTU Interface	OPTIONAL
BACnet Interface	OPTIONAL
Door Card Control Function	OPTIONAL
Hotel Menu Function	OPTIONAL
Plasma Ionizer	OPTIONAL
Fresh-air intake	OPTIONAL
Wiring Controller	OPTIONAL - TXE7A-24H

-  All DC Inverter
-  R32 Refrigerant
-  Eight-way flow
-  High Efficiency Twin Rotary Compressor
-  Anti-Corrosion Protection "Blue Fins"
-  8°C Heating Function
-  Self-diagnosis System
-  Intelligent "Defrost"
-  "Sleep" Function
-  "Timer" Function
-  Electronic board anti corrosion protection
-  "Quiet" Function
-  "Auto Restart" Function
-  Wide Operation Range
-  Self-Clean/Sterilization Function 56°C
-  Remote Controller
-  "I SENSE" Function
-  "TURBO" Function
-  Louver Memory Position
-  "SMOOTH START" Function
-  "LOCK" Function
-  "SP" Intelligent Preheating Function
-  Fully Closed Louvers IDU
-  Dry Contact Control
-  Wi-Fi Ready
-  Modbus RTU (optional)
-  BACnet (optional)
-  Door Card Control (optional)
-  Hotel Menu Remote Controller (optional)
-  Ionizer (optional)
-  Fresh air (optional)
-  Connection with Wired Controller (optional)