



## 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



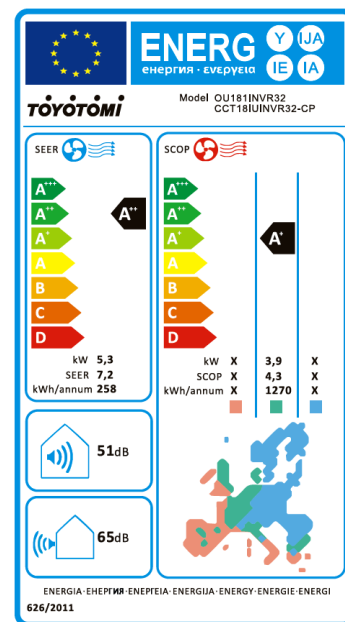
Eight Way flow



Fresh air

MODEL	CCT18IUINVR32-CP/OU181INVR32
EAN BAR CODE INDOOR UNIT	4963505028688
EAN BAR CODE PANEL	4963505028848
EAN BAR CODE OUTDOOR UNIT	4963505028602
COUNTRY OF ORIGIN	CHINA

CODE	DESCRIPTION
20.22CCT18IUINVR32	CCT18IUINVR32-CP LC CASSETTE INVERTER INDOOR UNIT TOYOTOMI
20.22CCT18IUINVR32-P	CCT18IUINVR32-CP LC CASSETTE INVERTER INDOOR UNIT TOYOTOMI PANEL
20.22OU181INVR32	OU181INVR32 LC INVERTER OUTDOOR UNIT R32 TOYOTOMI



MODEL		CCT18IUIVR32-CP/OU181INVR32	
Old Model		CCT53IUIVR32 / OU531INVR32	
<b>CAPACITY Pdesign</b>			
Pdesignc Cooling		kW	5.30
Pdesignh Heating (average zone)		kW	3.90
<b>COOLING / HEATING CAPACITY</b>			
Cooling*	Capacity	Btu/h	18.000
		kW	5,30
	Range	Btu/h	5.459-18.767
		kW	1,60-5,50
EER		3,45	
Heating*	Capacity	Btu/h	19.790
		kW	5,80
	Range	Btu/h	5.459-20.814
		kW	1,60-6,10
COP		3,95	
<b>SEASONAL EFFICIENCY</b>			
Cooling	SEER	7,20	
	Energy Class	A++	
Heating	SCOP (average zone)	4,30	
	Energy Class (average zone)	A+	
<b>ELECTRICAL DATA</b>			
Phase-Voltage-Frequency		1/ 220-240 / 50-60	
Cooling	Annual Electricity Consumption (Q <sub>cc</sub> )	kWh/a	258
	Maximum Input Power	kW	1,54
	Maximum Input Current	A	7,30
Heating	Annual Electricity Consumption (Q <sub>cc</sub> )	kWh/a	1.270
	Maximum Input Power	kW	1,47
	Maximum Input Current	A	7,00
<b>AIR FLOW / SOUND POWER-PRESSURE</b>			
Humidity Removal		L/h	1,80
Air Flow Indoor Unit (L/M/H/SH)		600/700/800/900	
Sound Power Indoor Unit (Hi)		dB(A)	51
Sound Pressure Indoor Unit (L/M/H)		dB(A)	31/33/35
Sound Power Outdoor Unit (Hi)		dB(A)	65
Sound Pressure Outdoor unit (Hi)		dB(A)	52
<b>DIMENSIONS &amp; WEIGHT</b>			
Indoor Unit	Unit Dimensions (W*H*D)	mm	840x200x840
	Package Dimensions (W*H*D)	mm	943x230x923
	Net/Gross Weight	Kg	21/27
Panel	Unit Dimensions (W*H*D)	mm	950x52x950
	Package Dimensions (W*H*D)	mm	1.033x110x1020
	Net/Gross Weight	Kg	6/9,5
Outdoor Unit	Unit Dimensions (W*H*D)	mm	745x555x300
	Package Dimensions (W*H*D)	mm	872x609x398
	Net/Gross Weight	Kg	30,5/33
	Outdoor Unit	Metallic	
<b>INSTALLATION DATA</b>			
Refrigerant piping	Liquid	mm (inch)	6,35 (1/4")
	Gas	mm (inch)	12,70 (1/2")
	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	850
	Additional Refrigerant Charge	g/m	16
<b>ELECTRICAL CONNECTIONS</b>			
Suggested electrical connections	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
8oC 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 (56oC) 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)