

**TOYOTOMI ERAI MYSTERY WHITE ALL DC INVERTER R32 2023**

		CTN-328W	CTN-335W	CTN-356W	CTN-371W	
MODEL INDOOR UNIT	MODEL OUTDOOR UNIT	CTG-328W	CTG-335W	CTG-356W	CTG-371W	
In replacement of		CTN/CTG-228W	CTN/CTG-235W	CTN/CTG-256W	CTN/CTG-271W	
Pdesigng						
Pdesigng (Average Zone)	kW	2.7	3.5	5.1	6.5	
Pdesigng (Warmer Zone)	kW	2.7	3.2	4.1	5.0	
	kW	2.9	3.5	4.3	5.7	
<b>COOLING/HEATING CAPACITY</b>						
COOLING*	CAPACITY	Btu/h	9212	11976	17401	22212
		kW	2.70	3.51	5.10	6.51
	RANGE CAPACITY	Btu/h	2,790 - 12,966	2,388 - 15,354	3,412 - 21857	3,400 - 26,600
HEATING*	CAPACITY	kW	0.80-3.80	0.70-4.20	1.00-6.40	1.00-7.80
		Btu/h	1028	1380	1917	2400
	RANGE CAPACITY	Btu/h	3,071 - 14,501	2,218 - 16,719	3,753 - 23,884	5,290 - 30,700
	kW	0.90 - 4.25	0.65 - 4.90	1.10 - 7.00	1.55 - 9.00	
<b>SEASONAL EFFICIENCY</b>						
COOLING	SEER		8.5	8.5	8.5	
	Cooling Energy Class		A+++	A+++	A+++	
HEATING	SCOP Average Zone		4.6	4.6	4.4	
	Energy Class Average Zone		A++	A++	A+	
	SCOP Warmer Zone		5.7	5.6	5.8	
	Energy Class Warmer Zone		A+++	A+++	A+++	
<b>ELECTRICAL DATA</b>						
PHASE-VOLTAGE-FREQUENCY		P <sub>in</sub> -V/Hz	1-220-240V-50	1-220-240V-50	1-220-240V-50	1-220-240V-50
COOLING	ANNUAL ELECTRICITY CONSUMPTION (Q <sub>12</sub> )	kWh/a	111	144	210	268
HEATING Pdesigng	ANNUAL ELECTRICITY CONSUMPTION Average Zone (Q <sub>12</sub> )	kWh/a	822	974	1248	1591
	ANNUAL ELECTRICITY CONSUMPTION Warmer Zone (Q <sub>12</sub> )	kWh/a	712	875	1038	1330
<b>PERFORMANCES</b>						
HUMIDITY REMOVAL		L/h	0.80	1.40	1.80	2.40
AIR FLOW VOLUME (S <sub>H</sub> /H <sub>1</sub> /M <sub>1</sub> /M/ML <sub>1</sub> /L <sub>1</sub> /SL <sub>1</sub> )		m <sup>3</sup> /h	610/570/540/470/440/420/390/180	720/600/570/530/500/460/430/320	1000/880/760/650/620/600/550/450	1000/850/760/650/520/450/400/280
SOUND POWER LEVEL OF INDOOR UNIT COOLING (S <sub>H</sub> /H <sub>1</sub> /M <sub>1</sub> /M/ML <sub>1</sub> /L <sub>1</sub> /SL <sub>1</sub> )		dB(A)	58/51/48/45/40/37/36/33	60/53/51/49/46/44/38/33	60/57/55/52/49/44/41/38	64/57/55/53/51/47/43/37
SOUND POWER LEVEL OF INDOOR UNIT HEATING (S <sub>H</sub> /H <sub>1</sub> /M <sub>1</sub> /M/ML <sub>1</sub> /L <sub>1</sub> /SL <sub>1</sub> )		dB(A)	58/51/48/45/44/43/42	60/53/51/49/47/45/43	60/56/54/50/48/47/44	64/58/56/54/50/47/44
SOUND PRESSURE LEVEL OF INDOOR UNIT COOLING (S <sub>H</sub> /H <sub>1</sub> /M <sub>1</sub> /M/ML <sub>1</sub> /L <sub>1</sub> /SL <sub>1</sub> )		dB(A)	38/37/34/31/28/23/22/19	43/39/37/35/32/30/24/19	45/42/40/37/34/29/26/23	48/43/41/39/37/33/29/23
SOUND PRESSURE LEVEL OF INDOOR UNIT HEATING (S <sub>H</sub> /H <sub>1</sub> /M <sub>1</sub> /M/ML <sub>1</sub> /L <sub>1</sub> /SL <sub>1</sub> )		dB(A)	39/37/34/31/30/29/28	44/39/37/35/33/31/29	46/44/42/39/36/33/32	50/44/42/40/36/33/30
SOUND POWER LEVEL OF OUTDOOR UNIT (H)		dB(A)	61	64	69	70
SOUND PRESSURE LEVEL OF OUTDOOR UNIT (H)		dB(A)	50	53	59	58
<b>DIMENSIONS AND WEIGHT</b>						
INDOOR UNIT	PRODUCT DIMENSIONS (W*H*PD)	mm	837*293*200	837*293*200	993*311*222	993*311*222
	PACKING DIMENSIONS (W*H*PD)	mm	909*278*366	909*278*366	1067*386*500	1067*386*500
OUTDOOR UNIT	Net/Gross WEIGHT	Kg	9.5/11.5	9.5/11.5	13/15.5	13.5/16
	PRODUCT DIMENSIONS (W*H*PD)	mm	732*555*330	802*555*350	873*555*376	958*600*422
OUTDOOR UNIT	PACKING DIMENSIONS (W*H*PD)	mm	791*590*373	869*594*395	948*591*428	1029*715*453
	Net/Gross WEIGHT	Kg	25/27.5	30/32.5	37/40	42.5/47
OUTDOOR UNIT			Metallic	Metallic	Metallic	Metallic
<b>CONNECTION PIPE SIZE</b>						
PIPING SIZE mm (inch)	Liquid	mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
	Gas	mm (inch)	9.53 (3/8")	9.53 (3/8")	12.7 (1/2")	15.88 (5/8")
	Maximum pipe length	m	15	20	25	25
	Maximum pipe height	m	10	10	10	10
<b>GENERAL SPECIFICATIONS</b>						
INVERTER FUNCTION			YES	YES	YES	YES
Operation Temperature limit °C	Cooling		-15~50	-15~50	-15~50	-15~50
	Heating		-25~30	-25~30	-25~30	-25~30
REFRIGERANT			R32	R32	R32	R32
REFRIGERANT CHARGE		kg	0.53	0.8	0.95	1.3
G.O. EQUIVALENT		Tonnes	0.05775	0.5400	0.64125	0.8775
ARTIFICIAL INTELLIGENCE			YES	YES	YES	YES
UV AIR STERILIZATION			YES	YES	YES	YES
IONIZER PLASMA			YES	YES	YES	YES
WiFi			PRE-INSTALLED	PRE-INSTALLED	PRE-INSTALLED	PRE-INSTALLED
<b>FILTERS</b>						
High density Prefiler						
1 x HEPA 3PLUS (HEPA/Silver Ion/Biology sterilization)						
1 x Photocatalytic						
"SMART DRY" FUNCTION			YES	YES	YES	YES
"SP" FUNCTION "INTELLIGENT PREHEATING"			YES	YES	YES	YES
"TURBO" FUNCTION			YES	YES	YES	YES
"TIMER" FUNCTION			YES	YES	YES	YES
INTELLIGENT "DEFROST"			YES	YES	YES	YES
SELF-DIAGNOSIS SYSTEM			YES	YES	YES	YES
"DEHUMIDIFICATION" FUNCTION			YES	YES	YES	YES
"AUTORESTART" FUNCTION			YES	YES	YES	YES
"AUTO CLEAN" FUNCTION			YES	YES	YES	YES
"SELF CLEAN/STERILIZATION" FUNCTION 56°C			YES	YES	YES	YES
"SMOOTH START" FUNCTION			YES	YES	YES	YES
"ENERGY SAVING" FUNCTION			YES	YES	YES	YES
"HORIZONTAL" AUTO SWING			YES	YES	YES	YES
"VERTICAL" AUTO SWING			YES	YES	YES	YES
"LEIGHT" FUNCTION			YES	YES	YES	YES
"AUTO LED" FUNCTION			YES	YES	YES	YES
OUTDOOR UNIT ELECTRIC HEATER			YES	YES	YES	YES
"SLEEP" FUNCTION			YES	YES	YES	YES
"NIGHT MODE" FUNCTION			YES	YES	YES	YES
ANTICORROSION PROTECTION "BLUE FINS"			YES	YES	YES	YES
LOUVER MEMORY POSITION			YES	YES	YES	YES
"LOCK" FUNCTION			YES	YES	YES	YES
"QUIET" FUNCTION			YES	YES	YES	YES
"SENSE" FUNCTION			YES	YES	YES	YES
"VOICE CONTROL" FUNCTION			YES	YES	YES	YES
"8°C HEATING" FUNCTION			YES	YES	YES	YES
OUTDOOR COMPRESSOR ELECTRIC HEATING FUNCTION (HEATING BLT)			YES	YES	YES	YES
CONNECTION WITH WIRED CONTROLLER			OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
HOTEL MENU REMOTE CONTROLLER			OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
DOOR CONTROL CARD			OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
COUNTRY OF ORIGIN			CHINA	CHINA	CHINA	CHINA
Bar Code Indoor Unit			5205020201797	5205020201810	5205020201834	5205020201858
Bar Code Outdoor Unit			5205020201803	5205020201827	5205020201841	5205020201865
SAP CODE Indoor Unit			67507	67504	67504	67508
SAP CODE Outdoor Unit			67509	67502	67506	67509
Space coverage m <sup>2</sup>			12-18	16-24	23-34	27-42

HARMONISED STANDARD: EN14511:2007, EN12102\*  
GLOBAL WARMING POTENTIAL (GWP) 675