



YBE1FB6

TOYOTOMI
Japan

All DC Inverter ERAI

ERAI		Unit	CTN/CTG-328BV	CTN/CTG-335BV	CTN/CTG-356BV	CTN/CTG-371BV
Indoor unit reference			CTN-328BV	CTN-335BV	CTN-356BV	CTN-371BV
Outdoor unit reference			CTG-328BV	CTG-335BV	CTG-356BV	CTG-371BV
EAN code indoor unit			5205022021711	5205022021735	5205022021759	5205022021773
EAN code outdoor unit			5205022021728	5205022021742	5205022021766	5205022021780
Pdesignc		kW	2.7	3.5	5.1	6.5
Pdesignh (average zone)		kW	2.7	3.2	4.1	5.0
Pdesignh (warmer zone)		kW	2.9	3.5	4.3	5.7
Cooling capacity		Btu/h	9212 (2730-12966)	11976 (3388-15354)	17401 (3412-21837)	22200 (3.400-26.600)
		kW	2.70 (0.80-3.80)	3.51 (0.70-4.50)	5.10 (1.0-6.40)	6.45 (1.0-7.8)
Heating capacity		Btu/h	10236 (3071-14501)	13000 (2218-16719)	19107 (3753-23884)	22200 (5.290-30.700)
		kW	3.0 (0.90-4.25)	3.81 (0.65-4.90)	5.60 (1.10-7.0)	6.5 (1.55-9.0)
Cooling	SEER		8.5	8.5	8.5	8.5
	Cooling energy class		A+++	A+++	A+++	A+++
Heating	SCOP average zone		4.6	4.6	4.6	4.3
	Energy class average zone		A++	A++	A++	A+
	SCOP warmer zone		5.7	5.6	5.8	6.0
	Energy class warmer zone		A+++	A+++	A+++	A+++
Rated voltage / rated frequency / phase*		V/Hz/PH	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Cooling	Annual electricity consumption (QCE)	kWh/a	111	144	210	268
	Power input**	kW	0.67	0.88	1.42	1.7
	Current	A	3.10	4.10	6.40	7.5
Heating	Annual electricity consumption average zone (QHE)	kWh/a	822	974	1248	1628
	Annual electricity consumption warmer zone (QHE)	kWh/a	712	875	1038	1330
	Power input**	kW	0.68	0.95	1.36	1.7
	Current	A	3.20	4.50	6.20	7.5
Dehumidification		L/h	0.8	1.4	1.8	2.4
Air flow volume (L/M/H/SH)		m3/h	180/390/420/440/470/540/ 570/610	320/430/460/500/530/570/600/720	450/550/600/620/650/760/880/1000	280/400/450/520/580/760/850/1000
Sound power level of indoor unit (SL/L/M/H/SH)		dB(A)	33/36/37/40/45/48/51/58	33/38/44/46/49/51/53/60	38/41/44/49/52/55/57/60	37/43/47/51/53/55/57/64
Sound pressure level of indoor unit (SL/L/M/H/SH)***		dB(A)	19/22/23/26/31/34/37/38	19/24/30/32/35/37/39/43	23/26/29/34/37/40/42/45	23/29/33/37/39/41/43/48
Sound power level of outdoor unit (Hl)		dB(A)	61	64	65	70
Sound pressure level of outdoor unit (Hl)***		dB(A)	50	53	59	58
Indoor unit	Unit dimensions (WxHxD)	mm	837 x 293 x 200	837 x 293 x 200	993 x 311 x 222	993 x 311 x 222
	Package dimensions (WxHxD)	mm	909 x 276 x 366	909 x 276 x 366	1067 x 386 x 300	1050 x 377 x 280
	Net/gross weight	kg	9.5/11.5	9.5/11.5	13/15.5	13/16
	Shielded communication cable (between IDU & ODU)	qty x mm	3x1.5+T	3x1.5+T	3x1.5+T	3x1.5+T
Outdoor unit	Unit dimensions (WxHxD)	mm	732 x 555 x 330	802 x 555 x 350	873 x 555 x 376	958 x 660 x 402
	Package dimensions (WxHxD)	mm	791 x 590 x 373	869 x 594 x 395	948 x 591 x 428	1029 x 715 x 453
	Net/gross weight	kg	25 / 27.5	25 / 27.5	37/40	42.5/47
	Power cable	qty x mm	2x2.5+T	2x2.5+T	2x2.5+T	2x2.5+T
Pipe	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 without adding refrigerant	m	5	5	5	5
	Maximum pipe length with adding refrigerant	m	15	15	25	25
	Maximum pipe height	m	10	10	10	10
Refrigerant charge (R32)		g	530	570	850	1300
Filter			High-density pre-filter - triple action filter (HEPA/silver ion/biological sterilization) - activated carbon			
Operation temperature limit	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-25 ~ 30	-25 ~ 30	-25 ~ 30	-15 ~ 30

Harmonised standard: EN 14511 : 2007, EN 12102 - Global Warming Potential (GWP)

Note: *The power supply is on the outdoor unit ** The technical data comply with the UNI EN 14511/2004 standard *** Measured in free field



TOYOTOMI
Japan

**All DC Inverter
ERAI**

Erai ALL DC INVERTER

The versatile air conditioner

The Toyotaomi ERAI is designed with respect for the environment and human beings. It offers maximum environmental comfort, intelligent functions, and voice control technology. The ionizer, enhanced sterilization with triple filtration (Hepa/Silver Ions/Biological), activated carbon filter, and self-cleaning functions Self Clean and Autoclean provide a perfectly clean environment while ensuring high efficiency and energy savings.



Energy efficiency class A+++ /
A+++ SEER 8.5 / SCOP 6.0



R32 refrigerant



"Save Energy" operating mode



Heating mode at 8°C



Remote control with Hotel
Function*



Key-card Control System*



I Sense Function



Smart preheating "SP"



Smart defrost



Grille with position memory



Timer Function



Wi-Fi Function



Soft Start Function



Turbo Function



Automatic Restart



Dehumidification Mode



Lock Function



LED On/Off Function for Indoor
Unit



Automatic Horizontal
Oscillation



Automatic Vertical Oscillation



Self-diagnosis System



Smart Home Function



Compatible with Google
Home and Amazon Alexa



Sleep Mode



Cable Thermostat*



High Density Pre-Filter



Triple Action Filter



Ionizer



Activated Carbon Filter



Self-Cleaning Function



Blue Fins Treatment



Auto Cleaning

*Optional