

# Toyotomi Izuru ECO II DC Inverter



## Izuru eco II

### The smartest air conditioner

Combining high performance, elegant design and a host of features IZURU ECO II DC Inverter will become your air conditioner. Thanks to its high energy yields, it guarantees ideal temperatures in winter or summer, with the lowest possible consumption.

## Benefits



Save energy 'operating mode'



Turbo function



Timer function



Heating mode at 8°C



Auto restart mode



Quiet mode



Remote controller with hotel function\*



Dehumidification function



Wired controller\*



Door control card\*



Command lock function



High density pre-filter



I-SENSE function



Light function



Triple action filter



Wi-Fi mode



Automatic horizontal oscillation movement



Ionizer



Intelligent preheating 'SP'



Automatic vertical oscillation movement



Silver ion filter



Smart defrost



Self-diagnosis system



Auto clean function



Memory position air louver



Toyotomi Voice Control



Anti-corrosion protection 'blue fins'



Smooth start function



Sleep mode



Self Clean



YACIFB9



IZURU ECO II		Unit	TRN/TRG-2128ZR	TRN/TRG-2135ZR	TRN/TRG-2156ZR	TRN/TRG-2171ZR
Indoor unit reference			TRN-2128ZR	TRN-2135ZR	TRN-2156ZR	TRN-2171ZR
Outdoor unit reference			TRG-2128ZR	TRG-2135ZR	TRG-2156ZR	TRG-2171ZR
EAN code indoor unit			5205022019527	5205022019534	5205022019541	5205022019558
EAN code outdoor unit			5205022019626	5205022019633	5205022019640	5205022019657
Pdesignnc		kW	2.7	3.5	5.3	7.1
Pdesignh (average zone)		kW	2.7	3.2	4.3	5.6
Pdesignh (warmer zone)		kW	3.0	3.3	4.7	5.7
Cooling capacity		Btu/h	9212 (2730-12966)	11976 (3071-15013)	18084 (4299-22519)	24225 (6800-30200)
		kW	2.70 (0.80-3.80)	3.51 (0.90-4.40)	5.30 (1.26-6.60)	7.10 (1.99-8.85)
Heating capacity		Btu/h	10236 (3071-14501)	13000 (3071-16036)	19107 (4777-25590)	26614 (6150-32200)
		kW	3.00 (0.90-4.25)	3.81 (0.90-4.70)	5.60 (1.40-7.50)	7.80 (1.80-9.44)
Cooling	SEER		7.5	7.1	7.6	7.0
	Cooling energy class		A++	A++	A++	A++
Heating	SCOP average zone		4.2	4.1	4.3	4.2
	Energy class average zone		A+	A+	A+	A+
	SCOP warmer zone		5.3	5.2	5.7	5.4
	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	126	173	244	355
	Power input**	kW	0.70	0.96	1.58	2.03
	Current	A	3.10	4.30	7.10	9.00
Heating	Annual electricity consumption average zone (QHE)	kWh/a	900	1093	1400	1867
	Annual electricity consumption warmer zone (QHE)	kWh/a	792	888	1154	1478
	Power input**	kW	0.70	0.95	1.44	2.00
	Current	A	3.20	4.60	6.30	9.30
Dehumidification		L/h	0.80	1.40	1.90	2.40
Air flow volume (SL/L/ML/M/MH/H/SH)		m <sup>3</sup> /h	390/420/440/470/540/570/610	360/420/480/540/600/660/700	460/520/570/610/680/750/850	800/850/900/950/1000/1100/1250
Sound power level of indoor unit (SL/L/ML/M/MH/H/SH)		dB(A)	37/39/41/43/46/48/54	37/38/41/44/47/50/57	46/50/52/54/55/57/60	48/51/53/55/56/59/64
Sound pressure level of indoor unit (SL/L/ML/M/MH/H/SH)***		dB(A)	25/27/29/31/34/36/38	25/26/29/32/35/38/42	31/32/35/37/39/41/43	33/36/38/40/41/44/48
Sound power level of outdoor unit (HL)		dB(A)	61	63	64	70
Sound pressure level of outdoor unit (HL)***		dB(A)	50	52	57	59
Indoor unit	Unit dimensions (WxHxD)	mm	845x289x209	845x289x209	970x300x224	1078x325x246
	Package dimensions (WxHxD)	mm	918x364x278	918x364x278	1038x305x380	1145x335x410
	Net/gross weight	kg	10.5/12.5	11/13	13/15.5	16/19
	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	732x555x330	732x555x330	958x660x402	958x660x402
	Package dimensions (WxHxD)	mm	791x590x373	791x590x373	1029x715x453	1029x715x453
	Net/gross weight	kg	23.5/26	24.5/27	40.5/45	41.5/46
	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")	12.70 (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	1000	1500
Refrigerant additional charge		g/m	16	16	16	40
Filter			Hi density pre filter - Triple action filter (HEPA/silverion/biology sterilization) - photocatalytic			
Operation temperature limit	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-15 ~ 30	-15 ~ 30	-15 ~ 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