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toyotomi
Envi

TOYOTOMI
Japan

40 YEARS OF JAPANESE AIR QUALITY EXPERTISE

Since 1949, TOYOTOMI has been synonymous with reliability, quality, and innovation in the design and manufacture of high-performance products aimed at improving consumers' comfort and quality of life.

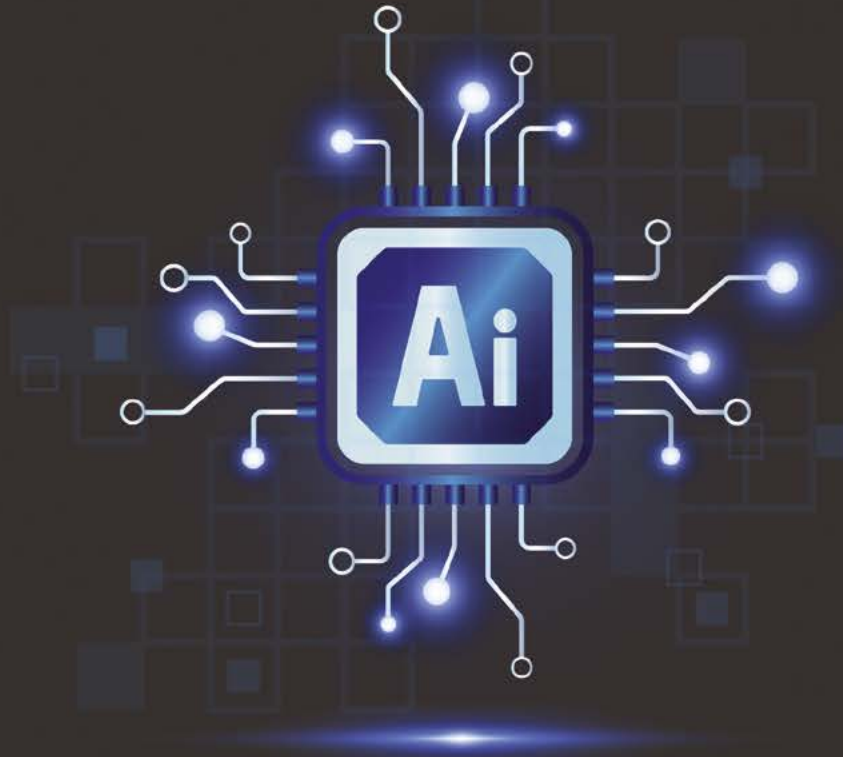
In 1952, TOYOTOMI introduced its first portable kerosene heater, marking a turning point in the heating industry and laying the foundation for a long tradition of innovation. Over the years, the company has developed numerous technological solutions, becoming a trusted name not only in kerosene heating appliances, but also in home appliances and air conditioning systems.

TOYOTOMI air conditioners represent the evolution of this expertise. Thanks to advanced inverter technology and the use of environmentally friendly R-32 refrigerant, they deliver outstanding performance, energy efficiency, and environmental responsibility. Modern TOYOTOMI heat pump systems, characterized by elegant design and effective air filtration systems, provide comfort, quiet operation, and long-lasting reliability.

TOYOTOMI's philosophy is rooted in the development of premium-quality products and the continuous pursuit of solutions that meet everyday needs. A strong focus on technological innovation, sustainability, and international quality standards continues to drive the company's growth and success.

Through this ongoing commitment, TOYOTOMI continues to deliver high-quality products and services that contribute to improved living standards and environmental protection.

ADVANCED **FUNCTIONS**



AI TECHNOLOGY

The air conditioner that knows what you need

Artificial intelligence is transforming home comfort.

Now there is a technology that truly understands you.

With AI technology, intelligent TOYOTOMI air conditioners anticipate your needs and adapt to your lifestyle. They learn your habits, understand your comfort preferences, and automatically optimize temperature and energy consumption — without you having to think about it.

Operating quietly and discreetly, they create the perfect environment for relaxation and everyday comfort.

Smart? Much more than that.

HIGH ENERGY EFFICIENCY

Energy savings and respect for the environment

TOYOTOMI air conditioners combine maximum comfort with low energy consumption.

Thanks to their A+++ energy rating, they deliver efficient performance while respecting the environment.

Comfort that reduces not only costs, but also environmental impact.



LOW NOISE LEVEL

Comfort you can't hear

True comfort is silent. TOYOTOMI air conditioners operate at an extremely low noise level, bringing tranquility and well-being to every room in the home.

Sleep, concentration and everyday comfort improve when TOYOTOMI technology works discreetly... In silence.



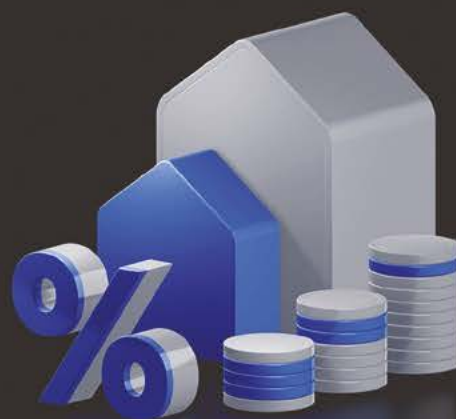
WIDE OPERATING RANGE

The seasons change. Your comfort doesn't.

No matter how hot or cold it is outside, TOYOTOMI ensures ideal comfort inside your home.

Thanks to advanced performance control, TOYOTOMI air conditioners maintain the perfect temperature with reduced energy consumption, delivering efficiency, quiet operation and long-lasting reliability.

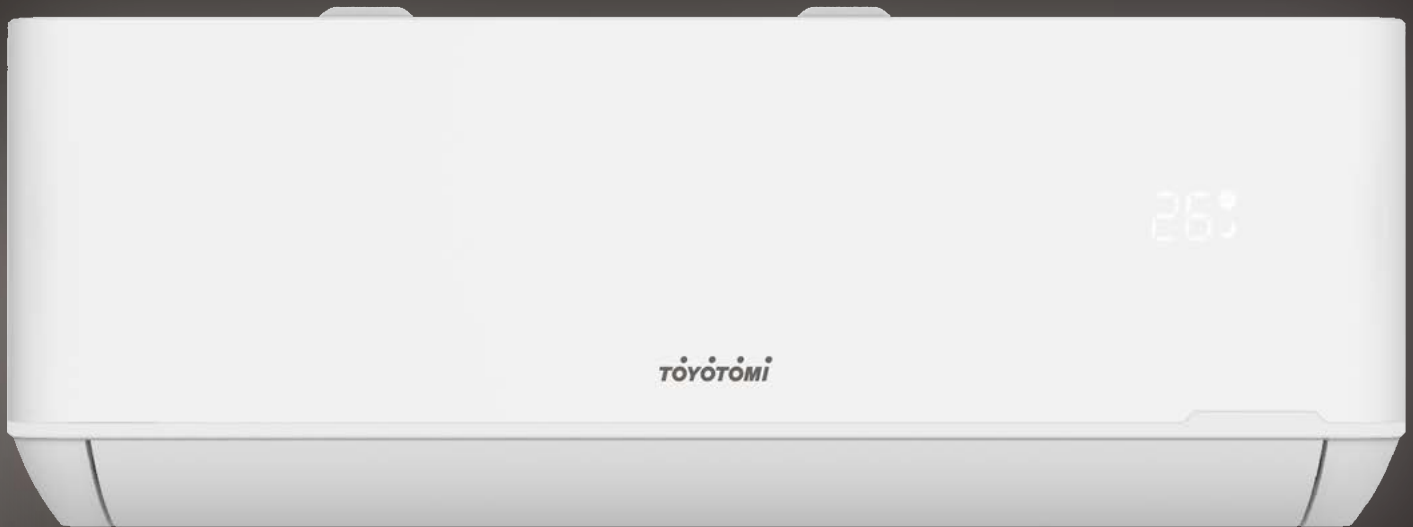
Because your comfort should depend on TOYOTOMI quality, not on the weather.





YUKI+

ALL DC INVERTER



Excellent performance and innovative features

The YUKI+ series delivers outstanding heating performance even in extreme Nordic conditions, ensuring reliability, efficiency, and year-round comfort. Advanced technologies such as automatic compressor preheating, defrost heating elements, UVC sterilization, and smart Wi-Fi and voice control provide maximum comfort with intelligent operation.

DESIGNED FOR NORDIC CLIMATES

- Compressor with automatic preheating for improved efficiency and reliability.
- Heated base pan with optimized drainage for effective defrosting.
- Heating operation range from -25°C to 30°C.

INDOOR UNIT DESIGN

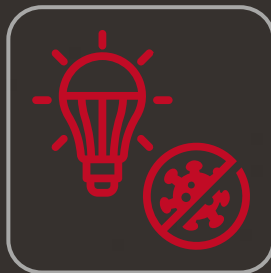
- Elegant matte-finish design that blends seamlessly into any interior.
- Integrated filter system for easy removal and cleaning.
- Gentle and uniform airflow with Coanda effect for enhanced comfort.
- Structure designed for simplified installation and maintenance.

ADDITIONAL FEATURES

- Self-cleaning and evaporator sterilization to maintain high performance.
- UVC LED lamp and ion generator to improve indoor air quality.
- Smart control via Wi-Fi and voice commands for intuitive operation.



PREHEATED
COMPRESSOR



ULTRAVIOLET
LED LAMP



IONIZER AND
SILVER FILTER



INTELLIGENT
DEFROSTING



PREHEATED
COMPRESSOR



SMART HOME
FUNCTION



WI-FI
FUNCTION



ULTRAVIOLET
LED LAMP



GENTLE
AIRFLOW



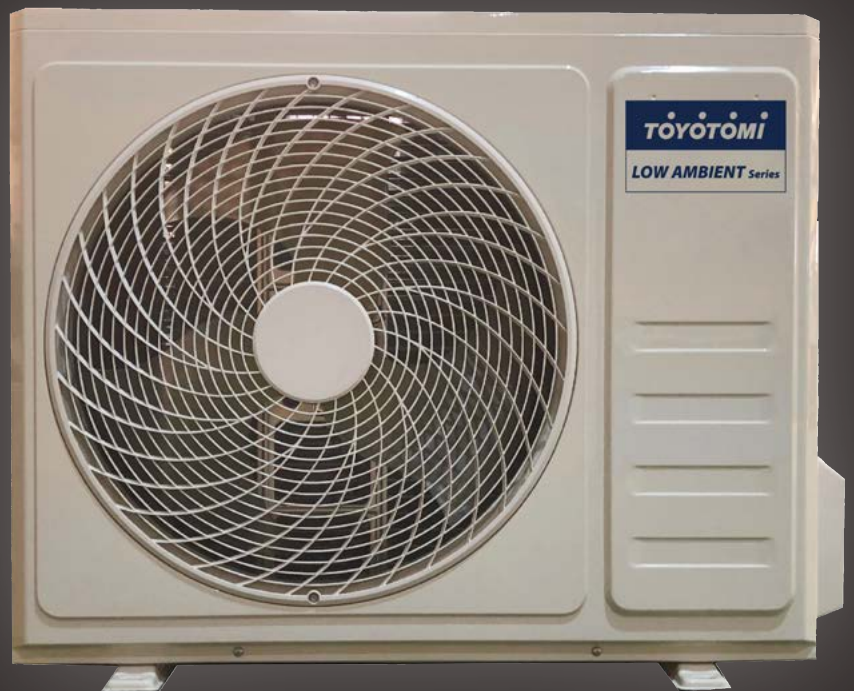
IONIZER AND
SILVER FILTER



SELF-CLEAN-
ING FUNCTION



HIGH-DENSITY
PRE-FILTER



	Unit	TYN/TYG-09R32 PLUS	TYN/TYG-12R32 PLUS	TYN/TYG-18R32 PLUS	TYN/TYG-24R32 PLUS
Indoor Unit Code		TYN-09R32 PLUS	TYN-12R32 PLUS	TYN-18R32 PLUS	TYN-24R32 PLUS
Outdoor Unit Code		TYG-09R32 PLUS	TYG-12R32 PLUS	TYG-18R32 PLUS	TYG-24R32 PLUS
Indoor Unit EAN Code		4963505900083	4963505900106	4963505900120	4963505900144
Outdoor Unit EAN Code		4963505900090	4963505900113	4963505900137	4963505900151
Pdesignc	kW	2,6	3,5	5,2	7,0
Pdesignh Average Climate Zone	kW	2,4	2,5	4,2	5,3
Pdesignh Warmer Climate Zone	kW	2,5	3,5	5,0	6,4

Cooling Capacity	Btu/h	8906 (3207~12625)	12011 (3412~15695)	17743 (4265~20200)	23885 (6244~26683)	
	kW	2,61 (0,94~3,70)	3,52(1,00~4,60)	5,20(1,25~5,92)	7,00(1,83~7,82)	
Heating Capacity	Btu/h	11328 (3207~13649)	13171 (3412~16719)	18767 (4265~22827)	24226 (6312~27161)	
	kW	3,32(0,94~4,00)	3,86(1,00~4,90)	5,50(1,25~6,69)	7,10(1,85~7,96)	
Cooling	SEER	8,5	8,5	8,5	8,5	
	Cooling energy class	A+++	A+++	A+++	A+++	
Heating	SCOP (average climate zone)	4,6	4,7	4,6	4,7	
	Energy class (average climate zone)	A++	A++	A++	A++	
	SCOP (warmer climate zone)	5,2	5,9	5,6	5,6	
	Energy class (warmer climate 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 energy consumption (QCE)	kWh/a	108	145	215	289
	Consumption at rated conditions**	kW	0,67 (0,24~1,38)	1,05 (0,29~1,51)	1,42 (0,33-2,35)	1,94(0,41~2,83)
	Absorbed current	A	3,0(1,2~8,1)	4,8(1,5~9,2)	6,4(1,7~12,0)	8,7(2,3~15,5)
Heating	Annual energy consumption (average climate zone) (QHE)	kWh/a	731	745	1279	1579
	Annual energy consumption (warmer climate zone) (QHE)	kWh/a	674	831	1250	1600
	Consumption at rated conditions**	kW	0,86 (0,24~1,55)	0,96 (0,29~1,72)	1,40 (0,34-2,54)	1,81 (0,42~3,01)
	Absorbed current	A	3,9(1,2~9,0)	4,0(1,5~10,0)	6,4(1,7~13,0)	8,0(2,3~16,0)

Dehumidification		L/h	1,2	1,5	1,8	2
Air flow rate (indoor unit)	Cooling	m³/h	650/630/590/550/510/470/420	650/630/590/550/510/470/420	860/790/740/680/630/570/510	1100/1020/960/890/830/770/680
	Heating		680/650/610/570/540/500/460	680/650/610/570/540/500/460	900/810/760/700/650/590/530	1150/1070/1010/940/890/830/750
Indoor unit sound power (S/H/H-M/M/M-L/L/Silent)		dB(A)	54/50/47/44/39/35/29	54/50/47/44/39/35/29	57/52/50/48/46/44/42	60/54/50/47/44/40/36
Indoor unit sound pressure (S/H/H-M/M/M-L/L/Silent)***		dB(A)	44/41/37/34/29/25/19	44/41/37/34/29/25/19	47/42/40/38/36/34/32	50/44/40/37/34/30/26
Outdoor unit sound power (HI)		dB(A)	62	63	65	68
Outdoor unit sound pressure (HI)***		dB(A)	52	53	55	58

Indoor unit	Unit dimensions (WxHxD)	mm	820×306×195	820×306×195	920×306×195	1100×333×222
	Packaging dimensions (WxHxD)	mm	890×380×265	890×380×265	990×380×265	1165×405×295
	Net / gross weight	kg	9/11	9/11	10/13	14/17
	Shielded communication cable (between IU and OU)	qty x m	4×0.75mm²	4×0.75mm²	4×0.75mm²	4×0.75mm²
Outdoor unit	Unit dimensions (WxHxD)	mm	787×498×290	810×549×305	927×699×380	978×803×421
	Packaging dimensions (WxHxD)	mm	818×520×325	835×575×328	960×732×430	1022×835×480
	Net / gross weight	kg	22/24	24/26	38/41	45/48
	Power supply cable	qty x m	3×1,5	3×1,5	3×1,5	3×2,5
Piping	Liquid side	inch	1/4"	1/4"	1/4"	1/4"
	Gas side	inch	3/8"	3/8"	1/2"	1/2"
	Maximum piping length without additional refrigerant	m	5	5	5	5
	Maximum piping length with additional refrigerant	m	25	25	25	25
	Maximum height difference	m	10	10	10	10

Refrigerant charge (R32)		g	570	600	870	1270
Additional refrigerant charge		g/m	15	15	25	25
Filter			Silver ion filter, Activated carbon filter, Vitamin C filter, UVC Pro sterilization			
Operating temperature limit	Cooling	°C	-15~53	-15~53	-15~53	-15~53
	Heating	°C	-25~30	-25~30	-25~30	-25~30

Harmonized standard: EN 14511 : 2007. EN 12102 – Global Warming Potential (GWP)

Note: *The power supply is connected to the outdoor unit **Technical data complies with the UNI EN 14511/2004 standard ***Measured in a free field



Erai

ALL DC INVERTER



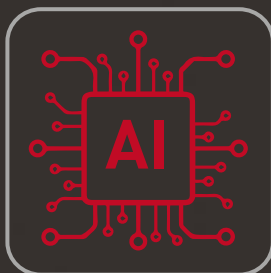
Air conditioning with Artificial Intelligence

The new ERAI series from TOYOTOMI introduces a new level of personalized comfort through integrated Artificial Intelligence technology. Designed to intelligently adapt to your needs, the system continuously analyzes environmental conditions to optimize performance in real time.

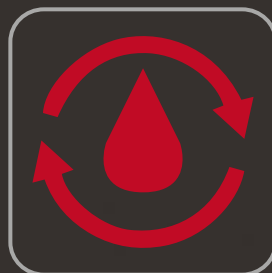
Thanks to advanced sensors and next-generation microchips, the air conditioner automatically responds to temperature changes, room size, and thermal load, ensuring precise and efficient climate control at all times.

The intelligent algorithm learns user habits over time and automatically adjusts power, airflow, and energy consumption to achieve the ideal balance between comfort and efficiency. This not only enhances everyday comfort, but also reduces energy waste and improves overall sustainability.

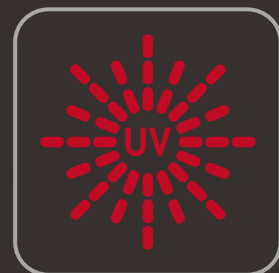
The result is smarter climate control, superior comfort, and consistently high performance - without compromise.



AI - ARTIFICIAL INTELLIGENCE



SMART DRY



UV AIR STERILIZATION

- | | | | | | | | | |
|---|--|--|--|---|--|--|---|--|
| 
AI - ARTIFICIAL INTELLIGENCE | 
CAPACITY CONTROL FUNCTION "P" | 
FULL DC INVERTER | 
R32 REFRIGERANT | 
8°C HEATING FUNCTION | 
CONTROL VIA CARD* | 
ECO ENERGY SAVING | 
UV AIR STERILIZATION | 
PLASMA IONIZER |
| 
HIGH DENSITY PRE-FILTER | 
PHOTO-CATALYTIC FILTER | 
HEPA 3PLUS FILTER | 
AUTO CLEAN FUNCTION | 
56°C "SELF CLEAN" STERILIZATION FUNCTION | 
BLUE FINN | 
I SENSE / I FEEL | 
SMART DRY | 
TEMPERATURE OR HUMIDITY INDICATOR |
| 
AUTO LED | 
OUTDOOR UNIT ELECTRIC HEATER | 
WIFI | 
VOICE CONTROL | 
INTELLIGENT PREHEATING "SP" | 
DEFROSTING | 
SOFT START | 
TURBO | 
DRY |
| 
LOCK FUNCTION | 
"LIGHT / LIGHT OUT" | 
"HORIZONTAL" AUTO SWING | 
"VERTICAL" AUTO SWING | 
SELF-DIAGNOSIS SYSTEM | 
QUIET | 
NIGHT MODE | 
TIMER | 
WIRED CONTROL* |

*Optional



Indoor Unit Code		CTN-328W	CTN-335W	CTN-356W	CTN-371W
Outdoor Unit Code		CTG-328W	CTG-335W	CTG-356W	CTG-371W
Indoor Unit EAN Code		5205022021797	5205022021810	5205022021834	5205022021858
Outdoor Unit EAN Code		5205022021803	5205022021827	5205022021841	5205022021865
Pdesignc	kW	2,7	3,5	5,1	6,5
Pdesignh Cold Climate Zone	kW	4,0	4,5	5,0	6,0
Pdesignh Average Climate Zone	kW	2,7	3,2	4,1	5,0
Pdesignh Warm Climate 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)	6,5(1,0-7,8)	
Heating Capacity	Btu/h	10236(2071-14501)	13000(2218-16719)	19107(3753-23884)	24000(5.290-30.700)	
	kW	3,0(0,90-4,25)	3,81(0,65-4,90)	5,60(1,10-7,0)	7,0(1,55-9,0)	
Cooling	SEER	8,5	8,5	8,5	8,5	
	Cooling energy class	A+++	A+++	A+++	A+++	
Heating	SCOP Cold Climate Zone	3,5	3,6	3,6	3,5	
	Energy efficiency class cold zone	A	A	A	A	
	SCOP Average Climate Zone	4,6	4,6	4,6	4,4	
	Energy efficiency class average zone	A++	A++	A++	A+	
	SCOP Warm Climate Zone	5,7	5,6	5,8	6,0	
	Energy efficiency class warm zone	A+++	A+++	A+++	A+++	
Rated voltage / rated frequency / phase*		V-Ph-Hz	230 / 1 / 50			
Cooling	Annual energy consumption (QCE)	kWh/a	111	144	210	268
	Consumption at nominal conditions	kW	0,67	0,88	1,42	1,7
	Electric current	A	3,10	4,10	6,40	7,5
Heating	Annual energy consumption Cold Zone (QHE)	kWh/a	2400	2625	2910	3600
	Annual energy consumption Average Zone (QHE)	kWh/a	822	974	1248	1591
	Annual energy consumption Warm Zone (QHE)	kWh/a	712	875	1038	1330
	Consumption at nominal conditions	kW	0,68	0,95	1,36	1,98
	Electric current	A	3,20	4,50	6,20	9,5

Dehumidification	L/h	0,8	1,4	1,8	2,4
Airflow (Low/Medium/High/Turbo)	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	400/450/520/580/760/850/1000
Indoor unit sound power (min/med/max/turbo)	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	43/47/51/53/55/57/64
Indoor unit sound pressure (min/med/max/turbo)	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	29/33/37/39/41/43/48
Outdoor unit sound power	dB(A)	61	64	65	70
Outdoor unit sound pressure**	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
	Packaging dimensions (WxHxD)	mm	909 x 276 x 366	909 x 276 x 366	1067 x 386 x 300	1050 x 377 x 288
	Net / gross weight	kg	9,5/11,5	9,5/11,5	13/15,5	13,5/16
	Communication cable (between IU and OU)	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
	Packaging 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
Piping	Liquid side diameter	mm (inch)	6,35(1/4")	6,35(1/4")	6,35(1/4")	6,35(1/4")
	Gas side diameter	mm (inch)	9,53(3/8")	9,53(3/8")	12,7(1/2")	15,88(5/8")
	Maximum length without additional refrigerant	m	5	5	5	5
	Maximum length with additional refrigerant	m	15	15	25	25
	Maximum height difference	m	10	10	10	10

Refrigerant R32	g	530	570	850	1300
Additional refrigerant charge	g/m	20	20	20	40
CO2 equivalent	Tonnes	0,357	0,384	0,573	0,877
Filters		Pre-filter + Photocatalytic + Triple Action Filters (HEPA / Silver Ion / Biological)			
Operating temperature limit	Cooling	°C	-15 ~ 30		
	Heating	°C	-25 ~ 30		

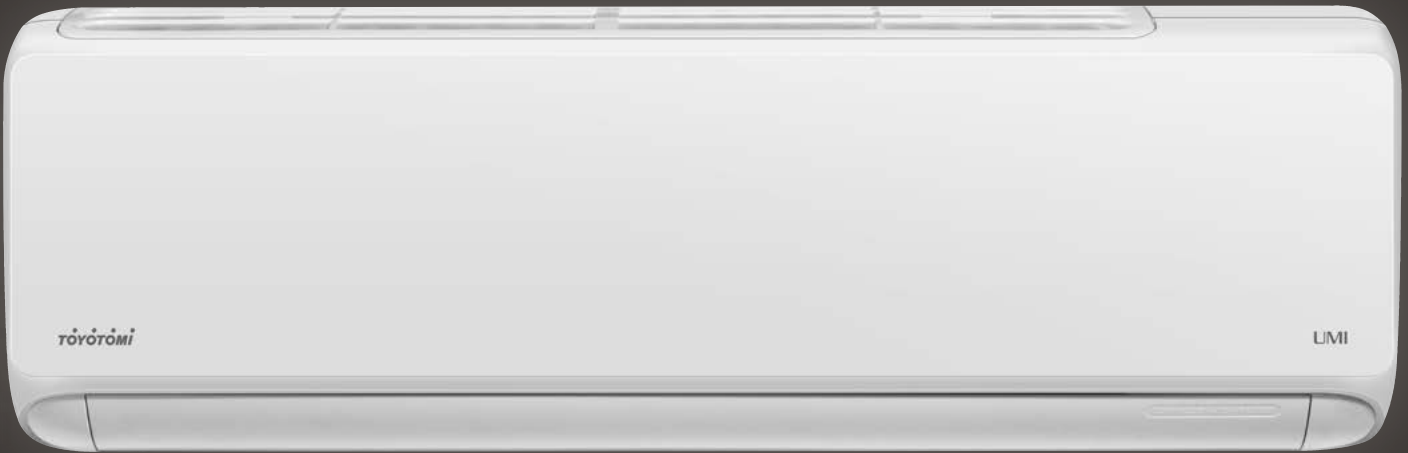
Harmonized standard: EN 14511 : 2007. EN 12102 – Global Warming Potential (GWP)

Note: *The power supply is connected to the outdoor unit **Technical data complies with the UNI EN 14511/2004 standard ***Measured in a free field



UMI

ALL DC INVERTER



The versatile air conditioner

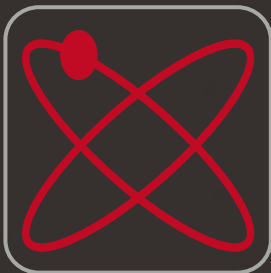
TOYOTOMI UMI is designed with respect for both the environment and personal well-being, offering the perfect balance between performance, comfort, and energy efficiency thanks to advanced All DC Inverter technology.

It ensures ideal indoor comfort in every season, both in cooling and heating mode, with intelligent features such as voice control compatible with Google Home and Amazon Alexa, built-in Wi-Fi for convenient remote management, and the I Sense function, which automatically adjusts the temperature according to the user's position.

The advanced air purification system helps create a cleaner and healthier environment. An ionizer, enhanced triple filtration system (HEPA, silver ion, and biological filters), and activated carbon filter work together to reduce dust, allergens, bacteria, and unpleasant odors. Self Clean and Autoclean functions help maintain long-term efficiency and hygiene.

Additional features such as dehumidification mode, Turbo function, night mode, and automatic air swing provide personalized comfort, while practical functions including timer, auto restart, self-diagnosis, and intelligent defrost ensure ease of use and reliable operation.

TOYOTOMI UMI is an efficient, versatile, and technologically advanced solution for everyday comfort in any environment.


































IONIZER



ENERGY
SAVING



I SENSE / I FEEL

- | | | | | | | | | |
|--|--|---|---|--|--|---|---|---|
| 
FULL DC INVERTER | 
R32 REFRIGERANT | 
8°C HEATING FUNCTION | 
HOTEL REMOTE CONTROL | 
CONTROL VIA CARD* | 
ECO ENERGY SAVING | 
IONIZER | 
HIGH DENSITY PRE-FILTER | 
ACTIVATED CARBON FILTER |
| 
BIOLOGICAL FILTER | 
HEPA 3PLUS FILTER | 
AUTO CLEAN FUNCTION | 
56°C "SELF CLEAN" STERILIZATION FUNCTION | 
BLUE FINS | 
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WIFI | 
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INTELLIGENT PREHEATING "SP" |
| 
DEFROST | 
SOFT START | 
TURBO | 
AUTOMATIC RESTART | 
DRY | 
LOCK FUNCTION | 
"LIGHT / LIGHT OUT" FUNCTION | 
"HORIZONTAL" AUTOMATIC SWING | 
"VERTICAL" AUTOMATIC SWING** |
| 
SELF-DIAGNOSIS SYSTEM | 
QUIET | 
SLEEP | 
NIGHT MODE | 
TIMER | 
DEFLECTOR POSITION MEMORY | 
WIRED CONTROL* | | |

*Optional **9,000 BTU and 12,000 BTU models are excluded.



Indoor unit reference		UTN-09CH	UTN-12CH	UTN-18CH	UTN-24CH
Outdoor unit reference		UTG-09CH	UTG-12CH	UTG-18CH	UTG-24CH
Indoor unit EAN code		5205022023036	5205022023050	5205022023074	5205022023098
Outdoor unit EAN code		5205022023043	5205022023067	5205022023081	5205022023104
Pdesignc	kW	2,7	3,2	5,3	7,1
Pdesignh Average Climate Zone	kW	2,7	2,8	4,2	5,6
Pdesignh Warm Climate Zone	kW	2,9	3,0	4,3	5,7

Cooling Capacity	Btu/h	9.212	10.918	18.084	24.225	
	kW	2,70	3,20	5,3	7,1	
Heating Capacity	Btu/h	10.236	11.601	19.107	26.614	
	kW	3,00	3,40	5,60	7,80	
Cooling	SEER	8,5	8,5	7,3	7,0	
	Energy efficiency class	A+++	A+++	A++	A++	
Heating	SCOP Average Climate Zone	4,6	4,1	4,2	4,2	
	Energy efficiency class average zone	A++	A+	A+	A+	
	SCOP Warmer Climate Zone	5,7	5,1	5,6	5,4	
	Energy efficiency class warmer zone	A+++	A+++	A+++	A+++	
Rated voltage / rated frequency / phase*		V-Ph-Hz	1-220~240V-50			
Cooling	Annual energy consumption (QCE)	kWh/a	111	132	254	355
Heating	Annual energy consumption Average Zone (QHE)	kWh/a	822	956	1400	1867
	Annual energy consumption Warmer Zone (QHE)	kWh/a	712	824	1075	1478

Dehumidification	L/h	0,8	1,4	1,8	2,4
Airflow (Low/Medium/High/Turbo)	m³/h	610/530/500/450/350/290/230/180	650/550/470/420/380/350/310	1000/960/870/810/720/640/600/350	1250/1100/1000/950/900/850/800/600
Indoor unit sound power – Cooling (min/med/max/turbo)	dB(A)	57/50/48/45/40/37/36/32	60/53/49/46/43/40/38/-	60/58/56/54/48/44/41/38	64/59/56/55/53/51/48/42
Indoor unit sound power – Heating (min/med/max/turbo)	dB(A)	57/50/48/45/44/43/41	58/50/47/44/42/40/37	60/58/55/52/51/50/47	64/62/58/56/55/51/50
Indoor unit sound pressure – Cooling (min/med/max/turbo)	dB(A)	39/36/34/31/26/24/22/18	43/39/37/34/31/28/26/-	47/45/43/41/35/30/28/25	48/44/41/40/38/37/35/27
Indoor unit sound pressure – Heating (min/med/max/turbo)	dB(A)	39/36/34/31/30/29/27	41/38/35/32/30/28/25	46/44/41/38/37/36/33	50/47/43/41/40/38/36
Outdoor unit sound power	dB(A)	61	60	65	70
Outdoor unit sound pressure**	dB(A)	51	52	56	59

Indoor unit	Unit dimensions (WxHxD)	mm	835x275x200	835x275x200	943x333x246	1078x333x246
	Packaging dimensions (WxHxD)	mm	908x275x338	908x275x338	1013x325x406	1144x336x415
	Net / gross weight	kg	8,5/10,5	9/11	13/15,5	15/18
Outdoor unit	Unit dimensions (WxHxD)	mm	732x555x330	732x555x330	802x555x350	958x660x402
	Packaging dimensions (WxHxD)	mm	791x590x373	791x590x373	869x594x395	1029x715x453
	Net / gross weight	kg	23,5/26	27/29,5	31,5/34	41,5/46
Piping connection	Liquid side diameter	mm (inch)	6.35 (1/4")	6.35 (1/4")	6,35 (1/4")	6,35 (1/4")
	Gas side diameter	mm (inch)	9,53 (3/8")	9,53 (3/8")	12,7 (1/2")	15,88 (5/8")
	Maximum length with additional refrigerant	m	15	20	25	25
	Maximum height difference	m	10	10	10	10

Refrigerant R32	kg	0,50	0,75	0,85	1,5	
Filters		High-density pre-filter – Triple-action filter (HEPA / Silver Ion / Biological) – Activated carbon filter				
Operating temperature limit	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-15 ~ 30	-15 ~ 30	-15 ~ 30	-15 ~ 30

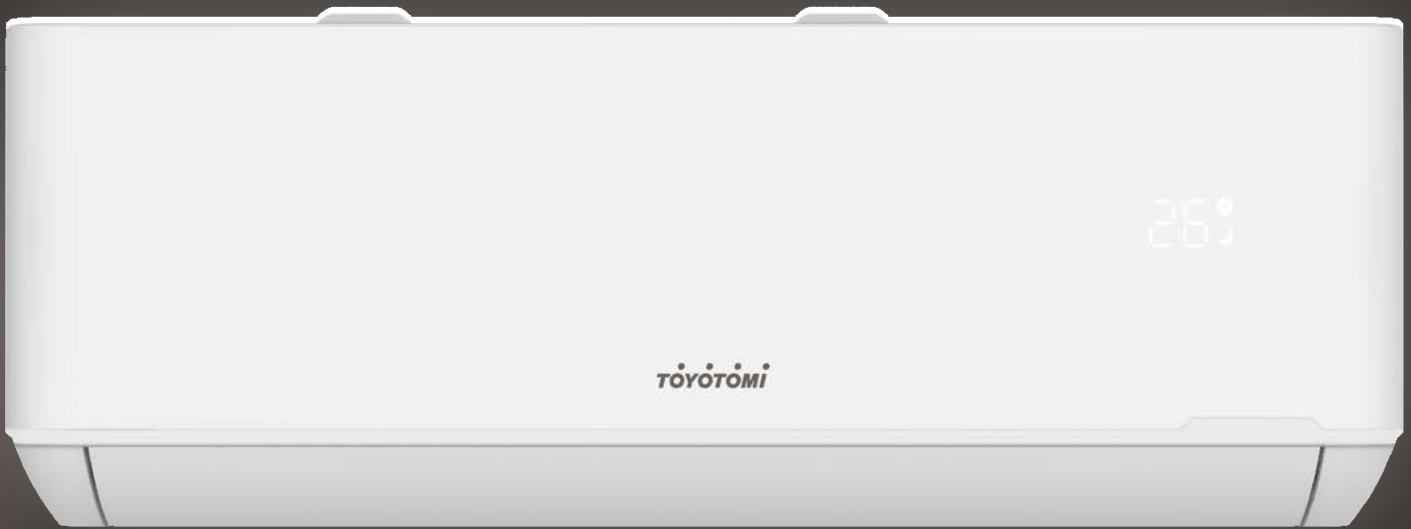
Harmonized standard: EN 14511 : 2007. EN 12102 – Global Warming Potential (GWP)

Note: *Power supply is provided to the outdoor unit **Technical data complies with the UNI EN 14511/2004 standard ***Measured in an open field



SORA+

ALL DC INVERTER



Where reliability meets high performance

With advanced technology, exceptional versatility, and elegant design, TOYOTOMI SORA+ is the ideal air conditioner for modern homes. Designed to deliver outstanding performance across a wide operating temperature range, it ensures reliable comfort throughout every season.

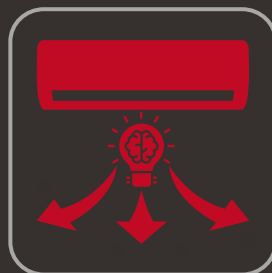
Thanks to ultra-high-frequency startup technology, SORA+ provides rapid cooling in less than 30 seconds, while increased airflow ensures faster and more uniform air distribution throughout the room. Reduced noise levels help create a quieter and more comfortable living environment.

Intelligent features such as automatic airflow control and horizontal and vertical swing functions optimize air distribution for enhanced comfort. ECO mode helps reduce energy consumption, while the dehumidification function and gentle airflow improve everyday well-being.

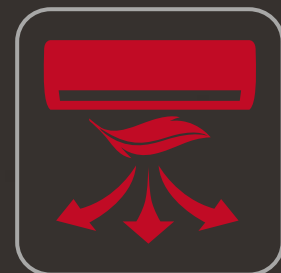
SORA+ also includes practical features such as self-cleaning, louver position memory, self-diagnosis, and refrigerant leak detection, ensuring long-term reliability and ease of use.



ECO MODE



INTELLIGENT
AIRFLOW



GENTLE
AIRFLOW



FULL DC INVERTER



R32 REFRIGERANT



8°C HEATING FUNCTION



ECO MODE



REFRIGERANT LEAK DETECTION



LOUVER POSITION MEMORY



INTELLIGENT AIRFLOW



GENTLE AIRFLOW



DRY



SELF-DIAGNOSIS SYSTEM



AUTOMATIC "HORIZONTAL" SWING



AUTOMATIC "VERTICAL" SWING**



56°C "SELF CLEAN" STERILIZATION FUNCTION



ECO ENERGY SAVING



SLEEP



WIFI



		Unit	TSN/TSG-09R32	TSN/TSG-12R32 PLUS	TSN/TSG-18R32 PLUS	TSN/TSG-24R32 PLUS	
Indoor unit reference			TSN-09R32	TSN-12R32 PLUS	TSN-18R32 PLUS	TSN-24R32 PLUS	
Outdoor unit reference			TSG-09R32	TSG-12R32 PLUS	TSG-18R32 PLUS	TSG-24R32 PLUS	
Indoor unit EAN code			4963505830786	4963505900045	4963505900069	4963505831011	
Outdoor unit EAN code			4963505078010	4963505900052	4963505900076	4963505101015	
Voltage Range		V	165~265	165~265	165~265	165~265	
Cooling	Cooling capacity	W	2600 (940~3300)	3520 (600~3750)	5200 (1250~6000)	7020 (1830~8000)	
	Power consumption	W	802 (240~1380)	1036 (160~1600)	1597 (330~2350)	2100 (390~2900)	
	Operating current	A	4,7 (1,2~8,0)	5,0 (1,3~9,0)	7,0 (1,5~12,0)	9,2 (1,7~15,5)	
	EER	W/W	3,24	3,39	3,25	3,34	
Seasonal cooling	Pdesignc	W	2600	3500	5200	7000	
	SEER	W/W	6,3	6,7	6,5	6,5	
	Energy class		A++	A++	A++	A++	
	Annual energy consumption	kWh/a	144	183	280	377	
Heating	Heating capacity	W	2630 (940~3360)	3600 (600~3900)	5300 (1250~6200)	7100 (1850~8000)	
	Power consumption	W	706 (240~1550)	927 (160~1600)	1403 (340~2550)	1870 (390~3200)	
	Operating current	A	4,2 (1,2~9,0)	4,6 (1,3~9,0)	6,3 (1,6~13,0)	8,2 (1,7~17,0)	
	COP	W/W	3,73	3,88	3,77	3,79	
Seasonal heating (Average)	PdesignH	W	2100	2400	3900	5800	
	SCOP	W/W	4,0	4,0	4,0	4,1	
	Energy class		A+	A+	A+	A+	
	Annual energy consumption	kWh/a	735	840	1365	1981	
Seasonal heating (Warm)	Declared capacity	W	2000	2200	3600	5500	
	Emergency heating capacity	W	100	200	300	300	
	PdesignH	W	2300	3100	5200	7200	
	SCOP	W/W	5,1	5,1	5,1	5,1	
Seasonal heating (Cold)	Energy class		A+++	A+++	A+++	A+++	
	Annual energy consumption	kWh/a	631	851	1428	1977	
	Declared capacity	W	2300	3100	5200	7200	
	Emergency heating capacity	W	0	0	0	0	
Indoor unit	PdesignH	W	1900	3000	4700	6500	
	Annual energy consumption	W/W	3,6	3,4	3,4	3,4	
	Energy class		A	A	A	A	
	Annual energy consumption	kWh/a	1108	1853	2903	4015	
Outdoor unit	Declared capacity	W	1800	2000	3800	4800	
	Emergency heating capacity	W	100	1000	900	1700	
	Dehumidification	Liters/h	1	1,2	1,8	2,5	
	Sound power (S/H/H-M/M/M-L/L/Silent)	dB(A)	51/47/45/43/39/35/32	52/49/44/42/39/36/32	56/53/49/46/42/39/37	58/52/50/48/46/44/41	
	Sound pressure (S/H/H-M/M/M-L/L/Silent)	dB(A)	41/37/35/33/29/25/22	42/37/35/34/32/30/29	47/43/39/36/33/30/27	47/42/40/38/36/34/31	
	Air circulation (S/H/H-M/M/M-L/L/Silent)	Cooling	m³/h	560/530/480/450/420/390/340	560/530/480/450/420/390/340	820/742/675/621/573/525/482	1100/1020/960/900/830/770/680
		Heating	m³/h	560/490/470/450/430/400/380	570/500/480/460/430/410/390	820/742/675/621/573/525/482	1100/1020/960/900/850/790/720
	Fan speed (S/H/H-M/M/M-L/L/Silent)	Cooling	rpm	1150/1080/980/920/860/800/700	1150/1080/980/920/860/800/700	1360/1230/1120/1030/950/870/800	1220/1130/1060/990/920/850/750
		Heating	rpm	1250/1100/1050/1000/950/900/850	1250/1100/1050/1000/950/900/850	1360/1230/1120/1030/950/870/800	1220/1130/1070/1000/940/880/800
	Indoor unit fan motor type		AC	DC	DC	DC	
	Net weight	kg	8,5	8,5	10	14	
	Gross weight	kg	10,5	10,5	12	17	
Net dimensions (W x H x D)	mm	790×275×192	790×275×192	920×306×195	1100×333×222		
Packing dimensions (W x H x D)	mm	860×345×265	860×345×265	990×380×265	1165×405×295		
Con-nections	Compressor	Type	Rotary	Rotary	Rotary	Rotary	
	Refrigerant	Type	R32	R32	R32	R32	
		Charge	kg	0,57	0,53	0,96	1,07
		GWP		675	675	675	675
		CO2 equivalent		0,385	0,358	0,648	0,723
	Outdoor air circulation	m³/h	1900	1900	2600	3000	
	Outdoor fan speed (H/M/L/Silent)	Cooling	rpm	900/820/710/610/510	920/920/810/730/610	930/930/830/630/550	880/850/810/710/530
		Heating	rpm	910/850/710/610/510	850/850/810/750/650	910/910/830/630/450	880/850/810/710/530
	Outdoor fan motor type		DC	DC	DC	DC	
	Outdoor sound power	dB(A)	60	62	65	69	
	Outdoor sound pressure	dB(A)	50	52	55	59	
	Expansion device		Capillary				
Net weight	kg	24	22,5	30	39		
Gross weight (without piping)	kg	26	24	32,5	42,5		
Gross weight (with piping)	kg	27	25	34	44		
Net dimensions (W x H x D)	mm	777×498×290	777×498×290	853×602×349	920×699×380		
Packaging dimensions (W x H x D) - without piping	mm	818×515×325	818×515×325	890×628×385	960×732×430		
Con-nections	Connection cables (Number of conductors x Cross-section)	mm²	4×0.75mm²	4×0.75mm²	4×0,75	4×0.75mm²	
	Power supply cable (Number of conductors x Cross-section)	mm²	3×1,5	3×1.5mm²	3×1,5	3×2,5	
	Drain pipe diameter	mm²	16	16	16	16	
	Connection pipe	Gas	Inches	3/8"	3/8"	3/8"	1/2"
Liquid		Inches	1/4"	1/4"	1/4"	1/4"	
Others	Application area	m²	9~16	14~22	20~35	27~45	
	Maximum refrigerant pipe length	m	25	25	25	25	
	Maximum height difference	m	10	10	10	10	
	Total piping length with standard charge	m	5	5	5	5	
	Additional refrigerant charge	g/m	15	15	25	25	
	Operating temperature range	°C	16-31	16-31	16-31	16-31	
	Ambient temperature range	Outdoor °C	Cooling: -15~53 / Heating: -20~30				
	Indoor °C	Cooling: 17~32 / Heating: 0~30					
Loading capacity – without piping	20'GP/40'GP/40'HQ	312	312	213	151		

Harmonized standard: EN 14511 : 2007. EN 12102 – Global Warming Potential (GWP)
 Note: *Power supply is provided to the outdoor unit **Technical data complies with the UNI EN 14511/2004 standard ***Measured in an open field



CONSOLE

ALL DC INVERTER



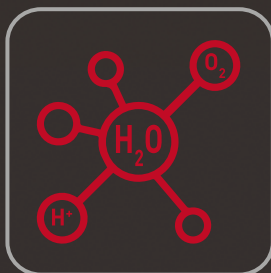
The air conditioner with dual versatility

Maximum comfort combined with dual airflow, elegant design, and compact dimensions make the TOYOTOMI Console series an extremely versatile solution for both residential and commercial environments.

Designed for floor installation, Console models provide effective heating through low-level airflow distribution, ensuring uniform warmth throughout the room. In cooling mode, they deliver balanced and comfortable air circulation for optimal comfort in every season.

Easy filter access allows for quick and simple maintenance, while the Cold Plasma ionizer helps improve indoor air quality. Integrated Wi-Fi (Smart Clima) and a wireless remote control ensure convenient and intuitive operation, even remotely.

Quiet performance, high energy efficiency, and a modern design complete a reliable and high-performance solution for everyday comfort.



PLASMA IONIZER



INTELLIGENT PREHEATING
"SP"



ENERGY SAVING



FULL DC INVERTER



R32 REFRIGERANT



8°C HEATING FUNCTION



HOTEL REMOTE CONTROL*



ECO ENERGY SAVING



PLASMA IONIZER



AUTO CLEAN FUNCTION



BLUE FINS



I SENSE / I FEEL



WIFI



DEFROST



SOFT START



TURBO



AUTO RESTART AUTOMATIC



DRY



LOCK FUNCTION



"LIGHT / LIGHT OUT" FUNCTION



MANUAL VERTICAL SWING



SELF-DIAGNOSIS SYSTEM



QUIET



SLEEP



TIMER



WIRED CONTROL*



INTELLIGENT PREHEATING "SP"



AUTOMATIC "HORIZONTAL" SWING



VOICE CONTROL



FLOOR HEATING



LOUVER POSITION MEMORY

*Optional



	Indoor Unit	CON28IN24R32	CON36IN24R32	CON56IN24R32
	Outdoor Unit	CON28OU24R32	CON36OU24R32	CON56OU24R32
Indoor Unit EAN Code		4963505063771	4963505063795	4963505063818
Outdoor Unit EAN Code		4963505063788	4963505063801	4963505063825
Pdesignc	kW	2,7	3,5	5,2
Pdesignh Average Climate Zone	kW	2,6	3,2	4,8
Pdesignh Warm Climate Zone	kW	2,6	3,4	5,0

Cooling Capacity	Btu/h	9212 (2388-11601)	12010 (2730-15013)	17742 (4094 - 21154)	
	kW	2,70 (0,70-3,40)	3,52 (0,80-4,40)	5,20 (1,20 - 6,20)	
Heating Capacity	Btu/h	9895 (2047-12454)	12966 (3583-15013)	18186 (3753 - 21154)	
	kW	2,90 (0,60-3,65)	3,80 (1,05-4,40)	5,33 (1,10 - 6,20)	
Cooling	SEER	7,8	7,2	7,2	
	Cooling Energy Class	A++	A++	A++	
Heating	SCOP Average Climate Zone	4,2	4,10	4,00	
	Energy Class Average Climate Zone	A+	A+	A+	
	SCOP Warmer Climate Zone	5,40	5,30	5,10	
	Energy Class Warmer Climate Zone	A+++	A+++	A+++	
Power Supply*	V-Ph-Hz	230 / 1 / 50			
Cooling	Annual Energy Consumption (Q ^{CE})	kWh/a	121	170	253
	Consumption at nominal conditions	kW	0,7	0,926	1,445
	Absorbed Current	A	3,50	4,60	6,60
Heating	Annual Energy Consumption Average Zone (Q ^{HE})	kWh/a	867	1093	1680
	Annual Energy Consumption Warmer Zone (Q ^{HE})	kWh/a	674	898	1373
	Consumption at nominal conditions	kW	0,73	0,96	1,545
	Absorbed Current	A	3,50	4,60	7,10

Dehumidification	L/h	0,8	1,20	1,8
Airflow (SL/L/ML/M/MH/H/SS)	m ³ /h	250/280/330/370/410/ 430/500	280/360/400/440/480/ 520/600	350/430/470/520/600/670/750
Indoor Unit Sound Power	dB(A)	35/38/41/44/46/48/52	36/40/44/47/49/51/55	43/48/51/53/56/58/60
Indoor Unit Sound Pressure**	dB(A)	23/26/29/32/34/36/39	25/29/33/36/38/40/44	32/37/40/42/45/47/49
Outdoor Unit Sound Power	dB(A)	61	63	65
Outdoor Unit Sound Pressure**	dB(A)	51	53	59

Indoor Unit	Unit Dimensions (WxHxD)	mm	700 x 600 x 215	700 x 600 x 215	700 x 600 x 215
	Packaging Dimensions (WxHxD)	mm	788 x 697 x 283	788 x 697 x 283	788 x 697 x 283
	Net/Gross Weight	kg	15,5/18,5	16/19	16/19
	Shielded Communication Cable (between IU and OU)	qty x mm	3x1.5+T	3x1.5+T	3x1.5+T
Outdoor Unit	Unit Dimensions (WxHxD)	mm	732x555x330	802x555x350	965x700x396
	Packaging Dimensions (WxHxD)	mm	794x615x376	872x620x398	1032x737x456
	Net/Gross Weight	kg	24/26,5	27,5/30	41/45,5
	Power Supply Cable	qty x mm	2x2.5+T	2x2.5+T	2x2.5+T
Piping	Liquid Side Diameter	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")
	Gas Side Diameter	mm (inch)	9,53 (3/8")	9,53 (3/8")	12,7 (1/2")
	Maximum Length	m	15	20	25
	Maximum Height Difference	m	10	10	10

Refrigerant R32	g	510	750	1000
Additional Refrigerant Charge R32 (Over 5m)	g/m	20	20	20
Filters			Dust	
Operating limit temperatures	Cooling	°C	-15~-43	
	Heating	°C	-22~-24	

Harmonized standard: EN 14511 : 2007, EN 12102 – Global Warming Potential (GWP)

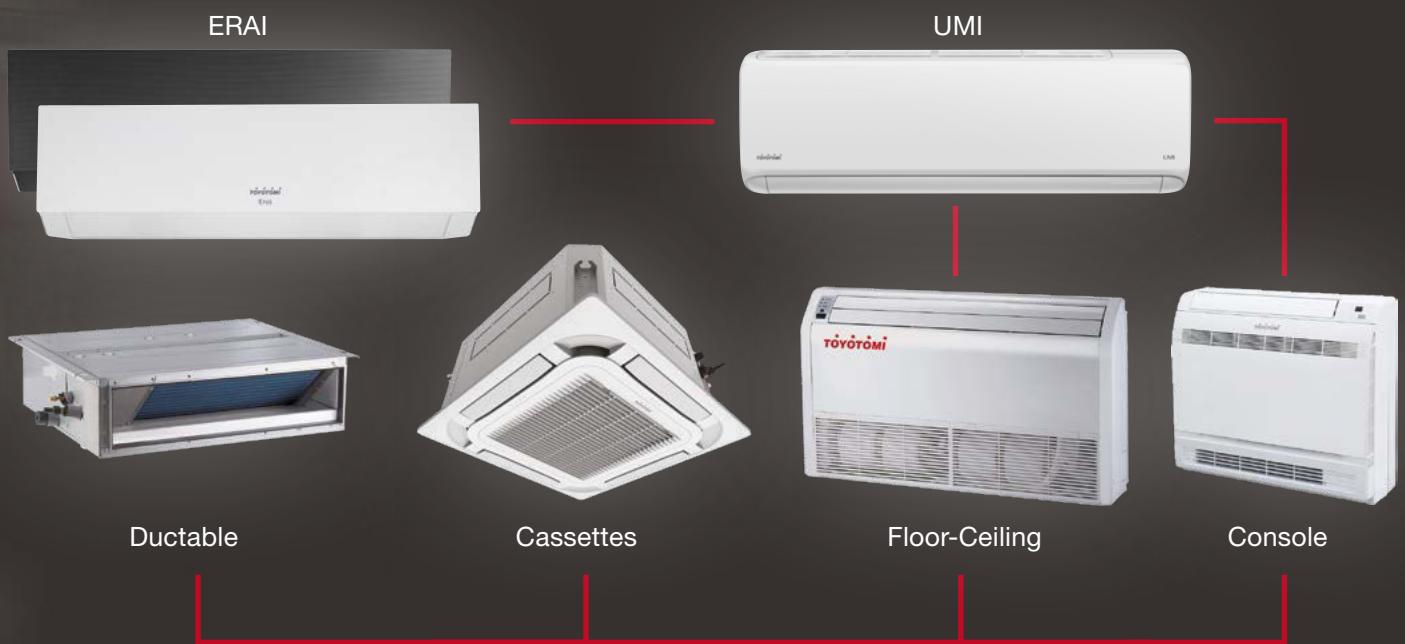
Note: *The power supply is connected to the outdoor unit **Technical data complies with the UNI EN 14511/2004 standard ***Measured in an open field



MULTI SPLIT SYSTEMS

DC INVERTER

Tailor-made comfort for every room



AIR CONDITIONING SOLUTIONS FOR EVERY ENVIRONMENT

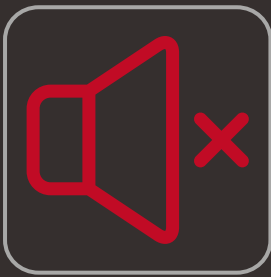
Our multi-split air conditioning systems combine cooling and heating in one efficient solution, offering simple installation and easy operation. They are ideal for small and medium-sized residential buildings, especially where low initial investment and reduced maintenance costs are important. The outdoor unit range includes 7 capacities, from 4.1 kW up to 12.1 kW, and can be combined with various types of indoor units, including wall-mounted, cassette, floor-ceiling, ducted, and console models.



MULTI SPLIT SYSTEMS

DC INVERTER

LOW NOISE LEVEL

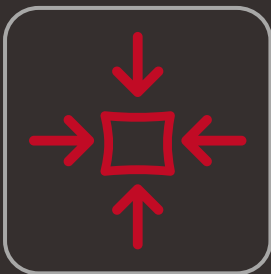


The Multi system operates so quietly that you will hardly notice it. Whether you are relaxing, sleeping, or working, noise levels remain exceptionally low, ensuring uninterrupted comfort throughout the day. For a quieter home, in every sense.

SIMPLE INSTALLATION AND MAINTENANCE

Multi systems are designed for easy installation and convenient maintenance. Installation is quick, clean, and efficient, with minimal impact on the living environment, while accessible components make maintenance simple and practical.

Because technology should simplify life, not complicate it.



MORE COMPACT AND LIGHTWEIGHT OUTDOOR UNIT

The outdoor unit of the Multi system is now more compact, lightweight, and discreet than ever. It requires less installation space, integrates more easily with building aesthetics, and reduces the load on walls and balconies.

All without compromising performance or efficiency.



**Multi Split DC INVERTER
outdoor units**

		Unit	MULR32- 14INV-2	MULR32 -18INV-2	MULR32 -21INV-3	MULR32 -24INV-3	MULR32 -28INV-4	MULR32 -36INV-4	MULR32 - 42INV-5
Outdoor Unit EAN Code			4963505028763	4963505028503	4963505028510	4963505028770	4963505028527	4963505028947	4963505028954
Pdesignc		kW	4,1	5,3	6,1	7,1	8,0	10,6	12,1
Pdesignh Average Climate Zone		kW	3,6	4,1	6,1	6,1	7,2	10,5	10,3
Cooling Capacity		Btu/h	14000 (7000 - 17100)	18100 (7300 - 19800)	20800 (7500 - 28300)	24200 (7850 - 32400)	28000 (7800 - 37500)	36200 (8900 - 40300)	41300 (8900 - 51900)
		kW	4,10 (2,05 - 5,0)	5,30 (2,14 - 5,80)	6,10 (2,20 - 8,30)	7,10 (2,30 - 9,20)	8,0 (2,30 - 11,0)	10,60 (2,60 - 12,0)	12,10 (2,60 - 15,20)
Heating Capacity		Btu/h	15000 (8500 - 18400)	19300 (8800 - 20200)	22200 (9200 - 29000)	29300 (9600 - 30000)	32400 (9600 - 35000)	40900 (10200 - 47800)	44400 (10200 - 52900)
		kW	4,40 (2,49 - 5,40)	5,65 (2,58 - 6,50)	6,50 (2,70 - 8,50)	8,60 (2,80 - 9,20)	9,50 (2,80 - 10,25)	12,0 (3,0 - 14,0)	13,0 (3,0 - 15,50)
Cooling	SEER		6,3	6,3	7,8	7,1	7,2	7,2	7,3
	Cooling Energy Class		A++	A++	A++	A++	A++	A++	A++
Heating	SCOP Average Climate Zone		4,0	4,0	4,3	4,3	4,2	4,0	4,2
	Energy Class Average Climate Zone		A+	A+	A+	A+	A+	A+	A+
Power Supply*		V-Ph-Hz	230 / 1 / 50						
Cooling	Annual Energy Consumption (Q ^{CS})	kWh/a	227	2 4	273	350	388	515	994
	Consumption at nominal conditions	kW	1,10	1,48	1,48	1,88	2,12	3,0	3,40
	Absorbed Current	A	4,88	6,56	6,57	8,34	9,41	13,31	15,08
Heating	Annual Energy Consumption Average Zone (Q ^{HS})	kWh/a	1260	1435	1986	1986	2400	3675	3425
	Consumption at nominal conditions	kW	0,97	1,25	1,43	2,23	2,20	3,04	3,19
	Absorbed Current	A	4,44	5,55	6,34	9,89	9,76	13,48	14,15
Outdoor Unit Sound Power		dB(A)	62	64	68	68	68	70	72
Outdoor Unit Sound Pressure**		dB(A)	52	54	58	58	58	60	60
Outdoor Unit	Unit Dimensions (WxHxD)	mm	822x550x352	822x550x352	964x660x402	964x660x402	964x660x402	1020X826X427	1020X826X427
	Packaging Dimensions (WxHxD)	mm	872x620x397	872x620x397	1032x737x456	1032x737x456	1032x737x456	1090X870X494	1090X870X494
	Net / Gross Weight	kg	30 /32,5	32/34,5	47,5/52	47,5/52	51/55,5	72,0/79,0	72,0/79,0
	Shielded Communication Cable (between IDU and ODU)	qty x mm	3x1.5+T	3x1.5+T	3x1.5+T	3x1.5+T	3x1.5+T	3x1.5+T	3x1.5+T
	Power Supply Cable	qty x mm	2x2.5+T	2x2.5+T	2x2.5+T	2x4.0+T	2x4.0+T	2x4.0+T	2x4.0+T
Piping	Liquid Side Diameter	mm (inch)	2X6.35 (1/4")	2X6.35 (1/4")	3X6.35 (1/4")	3X6.35 (1/4")	4X6.35 (1/4")	4X6.35 (1/4")	5X6.35 (1/4")
	Gas Side Diameter	mm (inch)	2X9.53 (3/8")	2X9.53 (3/8")	3X9.53 (3/8")	3X9.53 (3/8")	4X9.53 (3/8")	4X9.53 (3/8")	5X9.53 (3/8")
	Maximum Total Length without additional refrigerant	m	10	10	30	30	40	40	50
	Maximum Total Length with additional refrigerant	m	40	40	60	60	70	80	100
	Maximum Length for each single line with additional refrigerant	m	20	20	20	20	20	25	25
	Maximum Height Difference	m	15	15	15	15	15	25	25
Operating temperature limits	Cooling	°C	-15 ~ 43						
	Heating	°C	-22 ~ 24						
Refrigerant R32		g	750	900	1600	1700	1800	2400	2400
Additional Refrigerant Charge R32 (Beyond 5m)		g/m	20	20	20	20	20	20	20

Harmonized standard: EN 14511 : 2007. EN 12102 – Global Warming Potential (GWP)

Note: *The power supply is connected to the outdoor unit **Technical data complies with the UNI EN 14511/2004 standard ***Measured in a free field

MULTI SPLIT INDOOR UNITS



WALL-MOUNTED

Erai

Unit	CTN-328W	CTN-335W	CTN-356W	CTN-371W	
Indoor Unit EAN Code	5205022021797	5205022021810	5205022021834	5205022021858	
Cooling Capacity (nominal)	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)	6,5 (1,0-7,8)
Heating Capacity (nominal)	Btu/h	10236 (3071-14501)	13000 (2218-16719)	19107 (3753-23884)	24000 (5.290-30.700)
	kW	3,0 (0,90-4,25)	3,81 (0,65-4,90)	5,60 (1,10-7,0)	7,0 (1,55-9,0)
Power Supply	V-Ph-Hz	230 / 1 / 50			
Dimensions (WxHxD)	mm	837 x293x200	837 x293x200	993x311x222	993x311x222
Net/Gross Weight	kg	9,5/11,5	9,5/11,5	13/15,5	13/16
Sound Pressure (min/med/max/turbo)*	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	29 / 33 / 37 / 39 / 41 / 43 / 48
Sound Power (min/med/max/turbo)	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	43 / 47 / 51 / 53 / 55 / 57 / 64
Airflow (min/med/max/turbo)	m ³ /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	400 / 450 / 520 / 580 / 760 / 850 / 1000
Liquid Side Diameter	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")
Gas Side Diameter	mm (inch)	9,53 (3/8")	9,53 (3/8")	12,7 (1/2")	15,88 (5/8")

*Measured in free field



WALL-MOUNTED

UMI

Unit	UTN-09CH	UTN-12CH	UTN-18CH	UTN-24CH	
Indoor Unit EAN Code	5205022023036	5205022023050	5205022023074	5205022023098	
Cooling Capacity (nominal)	Btu/h	9.212	10.918	18.084	24.225
	kW	2,70	3,20	4,20	5,60
Heating Capacity (nominal)	Btu/h	10.236	11.601	19.107	26.614
	kW	3,00	3,40	5,60	7,80
Power Supply	V-Ph-Hz	230 / 1 / 50			
Dimensions (WxHxD)	mm	835x275x200	835x275x200	943x333x246	1078x333x246
Net/Gross Weight	kg	8,5/10,5	9/11	13/15,5	15/18
Indoor unit sound pressure - Cool. (shi/Hi/Mhi/M/mlo/Lo/Slo/SS)	dB (A)	39/36/34/31/26/24/22/18	43/39/37/34/31/28/26/-	47/45/43/41/35/30/28/25	48/44/41/40/38/37/35/27
Indoor unit sound power - Cool. (shi/Hi/Mhi/M/mlo/Lo/Slo/SS)	dB (A)	57/50/48/45/40/37/36/32	60/53/49/46/43/40/38/-	60/58/56/54/48/44/41/38	64/59/56/55/53/51/48/42
Airflow rate (min/med/max/turbo)	m ³ /h	610/530/500/450/350/290/230/180	650/550/470/420/380/350/310	1000/960/870/810/720/640/600/350	1250/1100/1000/950/900/850/800/600
Liquid Side Diameter	mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
Gas Side Diameter	mm (inch)	9,53 (3/8")	9,53 (3/8")	12,7 (1/2")	15,88 (5/8")

*Measured in free field



CONSOLE

CONSOLE

	Unit	CON28IN24R32	CON36IN24R32	CON56IN24R32
Indoor Unit EAN Code		4963505063771	4963505063795	4963505063818
Cooling Capacity (nominal)	Btu/h	9212 (2388-11601)	12010 (2730-15013)	17742 (4094 - 21154)
	kW	2,70 (0,70-3,40)	3,52 (0,80-4,40)	5,20 (1,20 - 6,20)
Heating Capacity (nominal)	Btu/h	9895 (2047-12454)	12966 (3583-15013)	18186 (3753 - 21154)
	kW	2,90 (0,60-3,65)	3,80 (1,05-4,40)	5,33 (1,10 - 6,20)
Power Supply	V/PH/Hz	230 / 1 / 50		
Dimensions (WxHxD)	mm	700 x 600 x 215	700 x 600 x 215	700 x 600 x 215
Net Weight	Kg	15,5	16	16
Sound Pressure (min/max)*	dB (A)	23/26/29/32/34/36/39	25/29/33/36/38/40/44	32/37/40/42/45/47/49
Sound Power (min/max)	dB (A)	35/38/41/44/46/48/52	36/40/44/47/49/51/55	43/48/51/53/56/58/60
Airflow (SL/L/ML/M/MH/H/SS)	m ³ /h	250/280/330/370/410/ 430/500	280/360/400/440/480/ 520/600	350/430/470/520/600/670/750
Liquid Side Diameter	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")
Gas Side Diameter	mm (inch)	9,53 (3/8")	9,53 (3/8")	12,7 (1/2")

*Measured in free field



FLOOR CEILING

FLOOR CEILING

	Unit	MULR32-E09CFTA	MULR32-E12CFTA	MULR32-E18CFTA	MULR32-E24CFTA
Indoor Unit EAN Code		5205022014287	5205022014294	5205022014300	5205022014317
Cooling Capacity (nominal)	Btu/h	8871	11942	15354	24225
	kW	2,60	3,50	4,50	7,0
Heating Capacity (nominal)	Btu/h	9212	13648	17060	27296
	kW	2,70	4,0	5,0	8,0
Power Supply	V/PH/Hz	230 / 1 / 50			
Unit Dimensions (WxHxD)	mm	870 x 665 x 235	870 x 665 x 235	870 x 665 x 235	1200 x 665 x 235
Unit Net Weight	Kg	25	25	25,5	33
Sound Pressure (min/med/max)*	dB (A)	26/30/35/38	26/30/35/38	26/30/35/38	27/31/35/38
Sound Power (min/med/max)	dB (A)	40/44/49/52	40/44/49/52	40/44/49/52	41/45/49/52
Air Flow Rate (min/med/max)	m ³ /h	420/540/610/700	420/540/610/700	410/520/590/680	720/800/870/680
Liquid Side Diameter	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	9,53 (3/8")
Gas Side Diameter	mm (inch)	9,53 (3/8")	9,53 (3/8")	12,7 (1/2")	15,88 (5/8")

*Measured in free field



CASSETTE

CASSETTE

	Unit	Compact		Compact	
		MULR32-E12EWCA-CP MULR32-E12EWCAP-CP	MULR32-E18EWCA-CP MULR32-E18EWCAP-CP	MULR32-E24EWCA MULR32-E24EWCAP	MULR32-E24EWCA MULR32-E24EWCAP
Indoor Unit EAN Code		4963505028565	4963505028572	4963505028589	4963505028596
Panel EAN Code		4963505028534	4963505028541	4963505028558	4963505028565
Cooling Capacity (nominal)	Btu/h	11900	17100	23900	23900
	kW	3,50	5,0	7,0	7,0
Heating Capacity (nominal)	Btu/h	13600	18800	27300	27300
	kW	4,0	5,5	8,0	8,0
Power Supply	V/PH/HZ	230 / 1 / 50			
Unit Dimensions (WxHxD)	mm	570 x 265 x 570	570 x 265 x 570	840 x 240 x 840	840 x 240 x 840
Panel Dimensions (WxHxD)	mm	620x47.5x620	620x47.5x620	950x52x950	950x52x950
Net Unit Weight	Kg	17	17	29	29
Panel Net Weight	kg	3,0	3,0	6,0	6,0
Sound Pressure (min/med/max)*	dB (A)	28/30/32/34/36/39/41	28/30/32/34/36/39/43	39/41/42/43/44/45/46	39/41/42/43/44/45/46
Sound Power (min/med/max)	dB (A)	44/46/48/50/52/55/57	44/46/48/50/52/55/59	55/57/58/59/60/61/62	55/57/58/59/60/61/62
Air Flow Rate (min/med/max)	m ³ /h	350/380/420/450/490/540/560	350/380/420/450/490/540/650	800/830/870/910/650/1050/1100	800/830/870/910/650/1050/1100
Liquid Side Diameter	mm (inch)	6,35 (1/4")	6,35 (1/4")	9,53 (3/8")	9,53 (3/8")
Gas Side Diameter	mm (inch)	9,53 (3/8")	12,7 (1/2")	15,88 (5/8")	15,88 (5/8")

*Measured in free field















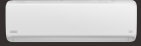




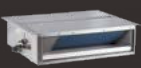
DUCTABLE

DUCTABLE

	Unit	MUL24-E09DTA	MUL24-E12DTA	MUL24-E18DTA	MUL24-E24DTA
Indoor Unit EAN Code		4963505063726	4963505063733	4963505063740	4963505063764
Cooling Capacity (nominal)	Btu/h	9000	12000	17100	23900
	kW	2,65	3,50	5,00	7,00
Heating Capacity (nominal)	Btu/h	9600	13600	18800	23300
	kW	2,8	4,00	5,50	8,00
Power Supply	V/PH/HZ	220-240/50/1			
Dimensions (WxHxD)	mm	710 x 200 x 450	710 x 200 x 450	1010 x 200 x 450	900 x 260 x 655
Net Weight	Kg	18,5	19	25	31
Sound Pressure (min/max)*	dB (A)	22/25/28/32	27/31/34/36	25/28/31/36	36/40/42/46
Sound Power (min/med/max)	dB (A)	37/40/43/47	42/46/49/51	40/43/46/51	51/55/57/61
Air Flow Rate (min/med/max)	m ³ /h	220/340/450/560	300/420/540/600	420/610/720/800	900/1000/1200/1300
Fan Static Pressure (std-max)	Pa	0-10	0-10	0-10	0-40
Liquid Side Diameter	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")
Gas Side Diameter	mm (inch)	9,52 (3/8")	9,52 (3/8")	12,7 (1/2")	15,9 (5/8")

*Measured in free field

CONTROL SYSTEMS

MODELS		REMOTE CONTROLS						WIRED CONTROLS			KEY CARD
											
		YAC1FB9	YBE1F	YAA1FB8	85T	YT1F	YAP1S	TXK19	TXK76	TXE73-44/E	TK010
YUKI+					●						
ERAI			●				●		●		●
UMI		●					●		●		●
SORA					●						
CONSOLE				●			●		●		
FLOOR CEILING						●	●			●	●
CASSETTE						●	●			●	●
DUCTABLE						●	●	●		●	

● Standard Controller ● Optional Controller



LIGHT COMMERCIAL

DC INVERTER

Efficient commercial air conditioning



TOYOTOMI'S IDEAL SOLUTION FOR A STABLE AND COMFORTABLE INDOOR CLIMATE

Our light commercial air conditioning systems combine cooling and heating in one efficient solution, offering simple installation and reliable performance. They are ideal for small to medium-sized buildings, including schools, offices, and commercial spaces, especially where low initial investment and reduced maintenance costs are important. Selected models are equipped with built-in Wi-Fi, while others are Wi-Fi Ready with an optional module, providing flexible and convenient remote control. The range includes outdoor units available in 9 capacities, from 3.5 kW up to 16 kW, compatible with various types of indoor units, including cassette, floor-ceiling, and ducted models.

FLOOR CEILING



FLOOR CEILING

		Indoor Unit	CFT18IUIVR32	CFT24IUIVR32	CFT36IUIVR32
		Outdoor Unit	OU181INVR32	OU241INVR32	OU363INVR32
Indoor Unit EAN Code			4963505028701	4963505028718	4963505028800
Outdoor Unit EAN Code			4963505028602	4963505028619	4963505028923
Pdesignc		kW	5,3	7,1	10,0
Pdesignh Average Climate Zone		kW	3,9	4,7	7,0
Pdesignh Warmer Climate Zone		kW	-	-	-
Cooling Capacity		Btu/h	18000 (5459-18767)	24200 (8189-22861)	34100 (10919-35827)
		kW	5,30 (1,60-5,50)	7,10 (2,40-6,70)	10,00 (3,20-10,50)
Heating Capacity		Btu/h	19100 (5459-20814)	26200 (7507-28662)	39200 (10236-40945)
		kW	5,60 (1,60-6,10)	7,70 (2,20-8,40)	11,50 (3,00-12,00)
Cooling	SEER		6,5	7,2	6,3
	Cooling Energy Class		A++	A++	A++
Heating	SCOP Average Climate Zone		4,2	4,3	4,2
	Energy Class Average Climate Zone		A+	A+	A+
	SCOP Warmer Climate Zone		-	-	-
	Energy Class Warmer Climate Zone		-	-	-
Power Supply		V/Ph/Hz	230 / 1 / 50		380 / 3 / 50
Cooling	Annual Energy Consumption (Q ²⁵)	kWh/a	285	345	556
	Consumption at nominal conditions*	kW	1,56	2,03	2,94
	Absorbed Current	A	7,50	9,70	4,65
Heating	Annual Energy Consumption Average Zone (Q ¹⁶)	kWh/a	1300	1530	2333
	Annual Energy Consumption Warmer Zone (Q ¹⁶)	kWh/a	-	-	-
	Consumption at nominal conditions*	kW	1,44	1,95	2,95
	Absorbed Current	A	6,85	9,10	4,70
Dehumidification		L/h	1,70	2,40	3,30
Airflow rate (min/med/max)		m ³ /h	600/700/800/900	900/1000/1100/1250	1200/1400/1500/1600
Indoor Unit Sound Power		dB(A)	59	54	65
Indoor Unit Sound Pressure**		dB(A)	36/38/40/41	35/37/39/41	43/45/46/48
Outdoor Unit Sound Power		dB(A)	65	69	70
Outdoor Unit Sound Pressure**		dB(A)	52	55	57
Indoor Unit	Unit Dimensions (WxHxD)	mm	870x665x235	1200x665x235	1200x665x235
	Packaging Dimensions (WxHxD)	mm	973x770x300	1303x770x300	1303x770x300
	Net/Gross Weight	kg	25/29	31/36	32/37
	Shielded Communication Cable (between IU and OU)	qty x mm	3x1.5+T	3x1.5+T	3x1.5+T
Outdoor Unit	Unit Dimensions (WxHxD)	mm	745x555x300	889x660x340	940x820x370
	Packaging Dimensions (WxHxD)	mm	872x609x398	1032x730x456	1093x885x497
	Net/Gross Weight	kg	30,5/33	41,5/45	75/82
	Power Supply Cable	qty x mm	2x2.5+T	2x2.5+T	4x2.5+T
Piping	Liquid Side Diameter	mm (inch)	6,35 (1/4")	9,53 (3/8")	9,53 (3/8")
	Gas Side Diameter	mm (inch)	12,70 (1/2")	15,88 (5/8")	15,88 (5/8")
	Maximum Length Without Add. Refrigerant	m	7	7	7
	Maximum Length	m	30	30	75
	Maximum Height Difference	m	20	20	30
Refrigerant R32		g	850	1500	2100
Additional Refrigerant Charge R32 (Over 5m)		g/m	16	20	20
Filters				Dust	
Operating temperature limits	Cooling	°C		-20~52	
	Heating	°C		-20~24	

Harmonized standard: EN 14511 : 2007, EN 12102 – Global Warming Potential (GWP)

Note: *The power supply is connected to the outdoor unit **Technical data complies with the UNI EN 14511/2004 standard ***Measured in a free field

FLOOR CEILING



FLOOR CEILING

		Indoor Unit	CFT42IUINVR32	CFT48IUINVR32	CFT60IUINVR32
		Outdoor Unit	OU423INVR32	OU483INVR32	OU603INVR32
Indoor Unit EAN Code			4963505028817	4963505028824	4963505063153
Outdoor Unit EAN Code			4963505028826	4963505028930	4963505063092
Pdesignc		kW	12,1	13,4	16,0
Pdesignh Average Climate Zone		kW	13,5	15,5	18,2
Pdesignh Warmer Climate Zone		kW	-	-	-
Cooling Capacity		Btu/h	41200 (12284-44699)	45700	54600
		kW	12,10 (3,60-13,10)	13,40	16,0
Heating Capacity		Btu/h	46000 (12284-49475)	52900	62100
		kW	13,50 (3,60-14,50)	15,50	18,20
Cooling	SEER		6,3	6,3	6,1
	Cooling Energy Class		A++	A++	A++
Heating	SCOP Average Climate Zone		4,2	4,0	4,0
	Energy Class Average Climate Zone		A+	A+	A+
	SCOP Warmer Climate Zone		-	-	-
	Energy Class Warmer Climate Zone		-	-	-
Power Supply		V/Ph/Hz	400 / 3 / 50		
Cooling	Annual Energy Consumption (Q ^{CE})	kWh/a	-	-	-
	Consumption at nominal conditions*	kW	3,67	4,30	5,30
	Absorbed Current	A	5,85	6,50	8,50
Heating	Annual Energy Consumption Average Zone (Q ^{HE})	kWh/a	-	-	-
	Annual Energy Consumption Warmer Zone (Q ^{HE})	kWh/a	-	-	-
	Consumption at nominal conditions*	kW	3,75	4,20	5,70
	Absorbed Current	A	6,0	6,40	9,10
Dehumidification		L/h	3,70	3,70	3,70
Airflow (min/med/max)		m ³ /h	1400/1600/1800/1900	1500/1800/2100/2300	1700/1900/2100/2300
Indoor Unit Sound Power		dB(A)	57	70	68
Indoor Unit Sound Pressure**		dB(A)	38/40/43/45	-/45/48/51	44/48/51
Outdoor Unit Sound Power		dB(A)	73	72	74
Outdoor Unit Sound Pressure**		dB(A)	58	-	60
Indoor Unit	Unit Dimensions (WxHxD)	mm	1570x665x235	1570x665x235	1570x665x235
	Packaging Dimensions (WxHxD)	mm	1669x770x300	1669x770x300	1669x770x300
	Net/Gross Weight	kg	39,5/46,5	42/49	42/49
	Shielded Communication Cable (between IU and OU)	qty x mm	3x1.5+T	3x1.5+T	3x1.5+T
Outdoor Unit	Unit Dimensions (WxHxD)	mm	940x820x370	940x820x370	990x960x370
	Packaging Dimensions (WxHxD)	mm	1093x885x497	1093x885x497	1153x1140x478
	Net/Gross Weight	kg	76/83	81/88	90/100
	Power Supply Cable	qty x mm	4x4.0+T	4x6.0+T	4x6.0+T
Piping	Liquid Side Diameter	mm (inch)	9,53 (3/8")	9,53 (3/8")	9,53 (3/8")
	Gas Side Diameter	mm (inch)	15,88 (5/8")	15,88 (5/8")	15,88 (5/8")
	Maximum Length Without Add. Refrigerant	m	7	9,5	9,5
	Maximum Length	m	75	75	75
	Maximum Height Difference	m	30	30	30
Refrigerant R32		g	2250	2800	3600
Additional Refrigerant Charge R32 (Beyond 5m)		g/m	20	35	40
Filters				Dust	
Operating temperature limits	Cooling	°C		-20~52	
	Heating	°C		-20~24	

Harmonized standard: EN 14511 : 2007, EN 12102 – Global Warming Potential (GWP)

Note: *The power supply is connected to the outdoor unit **Technical data complies with the UNI EN 14511/2004 standard ***Measured in a free field

CASSETTE



CASSETTE

		Indoor Unit	CCT12IUIVR32-CP CCT12IUIVPR32-CP	CCT18IUIVR32 CCT18IUIVPR32	CCT24IUIVR32 CCT24IUIVPR32
		Outdoor Unit	OU12IINVR32	OU18IINVR32	OU24IINVR32
Indoor Unit EAN Code			4963505028671	4963505028688	4963505028695
Panel EAN Code			4963505028831	4963505028848	4963505028855
Outdoor Unit EAN Code			4963505028596	4963505028602	4963505028619
Pdesignnc		kW	3,5	5,3	7,1
Pdesignh Average Climate Zone		kW	3,1	3,9	5,0
Pdesignh Warmer Climate Zone		kW	-	-	-
Cooling Capacity		Btu/h	11900 (3071-13648)	18000 (5459-18767)	24200 (8189-25932)
		kW	3,50 (0,90-4,00)	5,30 (1,60-5,50)	7,10 (2,40-7,60)
Heating Capacity		Btu/h	13600 (3071-15354)	19790 (5459-20814)	27200 (7507-29344)
		kW	4,00 (0,90-4,50)	5,80 (1,60-6,10)	8,00 (2,20-8,60)
Cooling	SEER		7,1	7,2	6,7
	Cooling Energy Class		A++	A++	A++
Heating	SCOP Average Climate Zone		4,2	4,3	4,3
	Energy Class Average Climate Zone		A+	A+	A+
	SCOP Warmer Climate Zone		-	-	-
Energy Class Warmer Climate Zone			-	-	-
Power Supply		V/Ph/Hz	230 - 1 - 50		
Cooling	Annual Energy Consumption (Q ^{CE})	kWh/a	173	258	371
	Consumption at nominal conditions*	kW	0,92	1,54	2,03
	Absorbed Current	A	4,40	7,30	9,70
Heating	Annual Energy Consumption Average Zone (Q ^{HE})	kWh/a	1034	1270	1628
	Annual Energy Consumption Warmer Zone (Q ^{HE})	kWh/a	-	-	-
	Consumption at nominal conditions*	kW	1,0	1,47	2,00
Absorbed Current		A	4,80	7,0	9,60
Dehumidification		L/h	1,0	1,80	2,40
Airflow (min/med/max)		m ³ /h	400/500/550/600	600/700/800/900	800/900/1000/1100
Indoor Unit Sound Power		dB(A)	47	51	51
Indoor Unit Sound Pressure**		dB(A)	29/33/35	31/33/35	34/36/38
Outdoor Unit Sound Power		dB(A)	56	65	69
Outdoor Unit Sound Pressure**		dB(A)	48	52	55
Indoor Unit	Unit Dimensions (WxHxD)	mm	570x260x570	840x200x840	840x200x840
	Packaging Dimensions (WxHxD)	mm	698x295x653	943x245x923	943x245x923
	Net/Gross Weight	kg	16,5/21	21/27	21/27
	Shielded Communication Cable (between IU and OU)	qty x mm	3x1.5+T	3x1.5+T	3x1.5+T
Panel	Unit Dimensions (WxHxD)	mm	620x47.5x620	950x52x950	950x52x950
	Packaging Dimensions (WxHxD)	mm	693x115x693	1033x110x1020	1033x110x1020
	Net/Gross Weight	kg	3/4,5	7,5/11	6/9,5
Outdoor Unit	Unit Dimensions (WxHxD)	mm	675x553x285	745x555x300	889x660x340
	Packaging Dimensions (WxHxD)	mm	794x605x376	872x609x398	1032x730x456
	Net/Gross Weight	kg	24,5/27	30,5/33	41,5/45
	Power Supply Cable	qty x mm	2x2.5+T	2x2.5+T	2x4.0+T
Piping	Liquid Side Diameter	mm (inch)	6,35 (1/4")	6,35 (1/4")	9,53 (3/8")
	Gas Side Diameter	mm (inch)	9,53 (3/8")	12,70 (1/2")	15,88 (5/8")
	Maximum Length Without Add. Refrigerant	m	7	7	7
	Maximum Length	m	30	30	30
	Maximum Height Difference	m	15	20	20
R32 Refrigerant		g	570	850	1500
Additional R32 Refrigerant Charge (Beyond 5m)		g/m	16	16	20
Filters			Dust filter		
Operating limit temperatures	Cooling	°C	-20~52		
	Heating	°C	-20~24		

Harmonized standard: EN 14511 : 2007. EN 12102 – Global Warming Potential (GWP)

Note: *Power supply is provided to the outdoor unit **Technical data complies with the UNI EN 14511/2004 standard ***Measured in a free field

CASSETTE



CASSETTE

		Indoor Unit	CCT36IUIINVR32 CCT36IUIINVR32	CCT42IUIINVR32 CCT42IUIINVR32	CCT48IUIINVR32 CCT48IUIINVR32	CCT60IUIINVR32 CCT60IUIINVR32
		Outdoor Unit	OU363INVR32	OU423INVR32	OU483INVR32	OU603INVR32
Indoor Unit EAN Code			4963505028862	4963505028886	4963505028909	4963505063108
Panel EAN Code			4963505028879	4963505028893	4963505028916	4963505063115
Outdoor Unit EAN Code			4963505028923	4963505028626	4963505028930	4963505063092
Pdesignnc		kW	10,5	12,1	13,4	15,8
Pdesignh Average Climate Zone		kW	7,0	13,5	15,5	18,2
Pdesignh Warm Climate Zone		kW	-	-	-	-
Cooling Capacity		Btu/h	35800 (10919-37533)	41200 (12284-44699)	45700	53900
		kW	10,50 (3,20-11,00)	12,10 (3,60-13,10)	13,41	15,80
Heating Capacity		Btu/h	39200 (10236-42651)	46000 (12284-49475)	52980	62100
		kW	11,50 (3,0-12,50)	13,50 (3,60-14,50)	15,50	18,20
Cooling	SEER		6,6	6,1	6,3	6,1
	Cooling Energy Class		A++	A++	A++	A++
Heating	SCOP Average Climate Zone		4,4	4,1	4,0	4,0
	Average Climate Zone Energy Class		A+	A+	A+	A+
	SCOP Warm Climate Zone		-	-	-	-
Warm Climate Zone Energy Class			-	-	-	-
Power Supply		V/Ph/Hz	400 - 3- 50			
Cooling	Annual Energy Consumption (Q ^{CF})	kWh/a	557	-	-	-
	Consumption at nominal conditions*	kW	3,10	3,90	4,60	5,30
	Absorbed Current	A	4,90	6,20	7,0	-
Heating	Annual Energy Consumption Average Zone (Q ^{HF})	kWh/a	2227	-	-	-
	Annual Energy Consumption Warm Zone (Q ^{HF})	kWh/a	-	-	-	-
	Consumption at nominal conditions*	kW	2,95	3,97	4,70	5,70
	Absorbed Current	A	4,70	6,30	7,10	-
Dehumidification		L/h	3,30	3,70	3,80	-
Airflow (min/med/max)		m ³ /h	1000/1200/1400/1500	1100/1300/1500/1700	1400/1600/1800/2000	1600/1900/2100/2300
Indoor Unit Sound Power		dB(A)	56	61	64	-
Indoor Unit Sound Pressure**		dB(A)	38/39/41	39/43/46	41/45/48/51	44/48/50
Outdoor Unit Sound Power		dB(A)	70	73	72	75
Outdoor Unit Sound Pressure**		dB(A)	57	58	59	60
Indoor Unit	Unit Dimensions (WxHxD)	mm	840x200x840	840x200x840	840x290x840	840x290x840
	Packaging Dimensions (WxHxD)	mm	943x245x923	943x245x923	933x335x903	933x335x903
	Net/Gross Weight	kg	23/29	23/29	25/32	26/33
	Shielded Communication Cable (between IU and OU)	qty x mm	3x1.5+T	3x1.5+T	3x1.5+T	3x1.5+T
Panel	Unit Dimensions (WxHxD)	mm	950x52x950	950x52x950	950x52x950	950x52x950
	Packaging Dimensions (WxHxD)	mm	1033x110x1020	1033x110x1020	1033x110x1020	1033x112x1038
	Net/Gross Weight	kg	6/9,5	6/9,5	6/9,5	6/9,5
Outdoor Unit	Unit Dimensions (WxHxD)	mm	940x820x370	940x820x370	940x820x370	990x960x370
	Packaging Dimensions (WxHxD)	mm	1093x885x497	1093x885x497	1093x885x497	1153x1110x478
	Net/Gross Weight	kg	75/82	76/83	81/88	94/103
	Power Supply Cable	qty x mm	4x 4.0+T	4x4.0+T	4x6.0+T	4x6.0+T
Piping	Liquid Side Diameter	mm (inch)	9,53 (3/8")	9,53 (3/8")	9,53 (3/8")	9,53 (3/8")
	Gas Side Diameter	mm (inch)	15,88 (5/8")	15,88 (5/8")	15,88 (5/8")	15,88 (5/8")
	Maximum Length Without Add. Refrigerant	m	7	7	9,5	9,5
	Maximum Length	m	75	75	75	75
	Maximum Height Difference	m	30	30	30	30
R32 Refrigerant		g	2100	2250	2800	3600
R32 Additional Refrigerant Charge (Over 5m)		g/m	20	20	35	40
Filters			Dust			
Operating temperature limits	Cooling	°C		-20~52		-20~48
	Heating	°C		-20~24		-20~24

Harmonized standard: EN 14511 : 2007, EN 12102 – Global Warming Potential (GWP)

Note: *The power supply is connected to the outdoor unit **Technical data complies with the UNI EN 14511/2004 standard ***Measured in a free field

DUCTABLE



DUCTABLE

		Indoor Unit	DCT12IUIVR32	DCT18IUIVR32	DCT24IUIVR32	DCT28IUIVR32
		Outdoor Unit	OU121INVR32	OU181INVR32	OU241INVR32	OU281INVR32
Indoor Unit EAN Code			4963505028633	4963505028640	4963505028657	4963505063146
Outdoor Unit EAN Code			4963505028596	4963505028602	4963505028619	4963505063139
Pdesignnc		kW	3,5	5,3	7,1	8,5
Pdesignh Average Climate Zone		kW	3,0	3,9	4,7	6,0
Pdesignh Warm Climate Zone		kW	-	-	-	-
Cooling Capacity		Btu/h	11900 (3071-13648)	18000 (5459-19790)	24200 (8189-25932)	29000
		kW	3,50 (0,90-4,0)	5,3 (1,60-5,80)	7,10 (2,40-7,60)	8,50
Heating Capacity		Btu/h	13600 (3071-15354)	19100 (5459-20814)	27200 (7507-29344)	30000
		kW	4,0 (0,90-4,50)	5,60 (1,60-6,10)	8,0 (2,20-8,60)	8,80
Cooling	SEER		6,5	6,3	6,6	6,4
	Cooling Energy Class		A++	A++	A++	A++
Heating	SCOP Average Climate Zone		4,0	4,0	4,1	4,1
	Energy Class Average Climate Zone		A+	A+	A+	A+
	SCOP Warmer Climate Zone		-	-	-	-
	Energy Class Warmer Climate Zone		-	-	-	-
Power Supply		V/Ph/Hz	230 - 1 - 50			
Cooling	Annual Energy Consumption (Q ^{CE})	kWh/a	189	294	377	465
	Consumption at nominal conditions*	kW	1,03	1,51	1,92	2,50
	Absorbed Current	A	4,90	7,20	9,20	
Heating	Annual Energy Consumption Average Zone (Q ^{HE})	kWh/a	1050	1365	1605	2049
	Annual Energy Consumption Warm Zone (Q ^{HE})	kWh/a	-	-	-	-
	Consumption at nominal conditions*	kW	1,0	1,42	2,0	2,25
	Absorbed Current	A	4,80	6,80	9,60	
Dehumidification		L/h	1,0	1,70	2,40	2,4
Airflow (min/med/max/s-max)		m ³ /h	400/500/550/600	600/700/800/900	800/900/1000/1100	1000/1100/1300/1400
Fan Static Pressure		Pa	25 (0-80)	25 (0-80)	25 (0-160)	37 (0-160)
Indoor Unit Sound Power		dB(A)	56	59	58	65
Indoor Unit Sound Pressure**		dB(A)	30/32/33	31/33/35	31/33/35	37/39/41
Outdoor Unit Sound Power		dB(A)	56	65	69	69
Outdoor Unit Sound Pressure**		dB(A)	48	52	55	57
Indoor Unit	Unit Dimensions (WxHxD)	mm	700 x 200 x 450	1000 x 200 x 450	900 x 260 x 655	900 x 260 x 655
	Packaging Dimensions (WxHxD)	mm	1008 x 275 x 568	1308 x 275 x 568	1115 x 320 x 772	1115 x 320 x 772
	Net/Gross Weight	kg	24,5/27	24/29	29,5/33,5	29,5/33,5
	Shielded Communication Cable (between IU and OU)	qty x mm	3x1.5+T	3x1.5+T	3x1.5+T	3x1.5+T
Outdoor Unit	Unit Dimensions (WxHxD)	mm	675 x 553 x 285	745 x 555 x 300	889 x 660 x 340	889 x 660 x 340
	Packaging Dimensions (WxHxD)	mm	794 x 605 x 376	872 x 609 x 398	1032 x 730 x 456	1032 x 730 x 456
	Net/Gross Weight	kg	24,5/27	30,5/33	41,5/45	46/50
	Power Supply Cable	qty x mm	2x2.5+T	2x2.5+T	2x4.0+T	2x4.0+T
Piping	Liquid Side Diameter	mm (inch)	6,35 (1/4")	6,35 (1/4")	9,53 (3/8")	9,53 (3/8")
	Gas Side Diameter	mm (inch)	9,53 (3/8")	12,7 (1/2")	15,88 (5/8")	15,88 (5/8")
	Maximum Length Without Add. Refrigerant	m	7	7	7	7
	Maximum Length	m	30	30	30	30
	Maximum Height Difference	m	15	20	20	25
R32 Refrigerant		g	570	850	1500	1800
Additional R32 Refrigerant Charge (Beyond 5m)		g/m	16	16	20	40
Filters			Dust			
Operating temperature limits	Cooling	°C	-20~52			
	Heating	°C	-20~24			

Harmonized standard: EN 14511 : 2007, EN 12102 – Global Warming Potential (GWP)

Note: *Power supply is provided to the outdoor unit **Technical data complies with the UNI EN 14511/2004 standard ***Measured in a free field

DUCTABLE



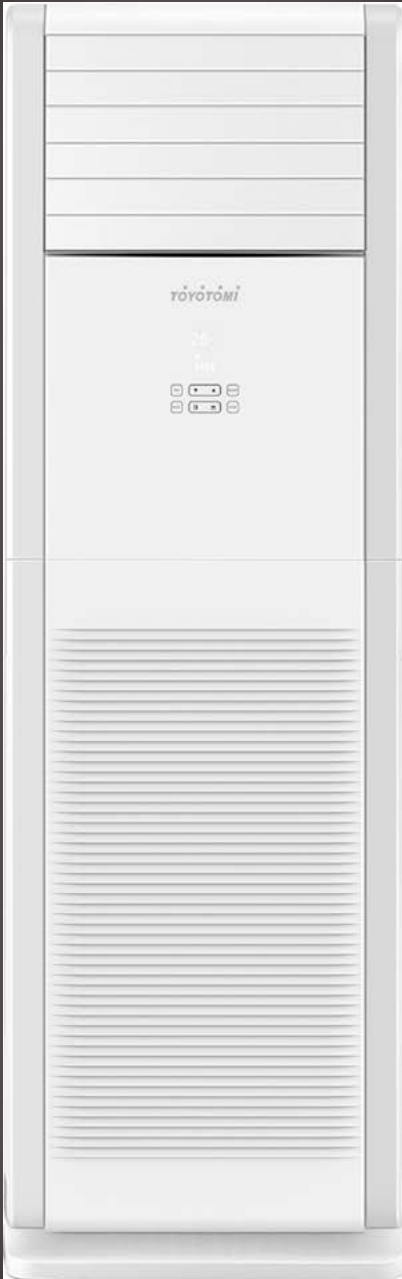
DUCTABLE

		Indoor Unit	DCT36IUIINVR32	DCT42IUIINVR32	DCT48IUIINVR32	DCT60IUIINVR32
		Outdoor Unit	OU363INVR32	OU423INVR32	OU483INVR32	OU603INVR32
Indoor Unit EAN Code			4963505028664	4963505028787	4963505028794	4963505063122
Outdoor Unit EAN Code			4963505028923	4963505028626	4963505028930	4963505063092
Pdesignc		kW	10,5	12,1	13,4	16,0
Pdesignh Average Climate Zone		kW	7,0	13,5	15,5	18,2
Pdesignh Warm Climate Zone		kW	-	-	-	-
Cooling Capacity		Btu/h	35800 (10919-37533)	41200 (12284-44699)	45700	54600
		kW	10,50 (3,20-11,00)	12,10 (3,60-13,10)	13,4	16,0
Heating Capacity		Btu/h	39200 (10236-42651)	46000 (12284-49475)	52900	62100
		kW	11,50 (3,00-12,50)	13,50 (3,60-14,50)	15,5	18,2
Cooling	SEER		6,4		6,1	6,1
	Cooling Energy Class		A++	A++	A++	A++
Heating	SCOP Average Climate Zone		4,2	4,1	4,0	4,0
	Energy Class Average Climate Zone		A+	A+	A+	A+
	SCOP Warmer Climate Zone		-	-	-	-
	Energy Class Warmer Climate Zone		-	-	-	-
Power Supply		V/Ph/Hz	400-3-50			
Cooling	Annual Energy Consumption (Q ^{CF})	kWh/a	574	-	-	-
	Consumption at nominal conditions*	kW	3,0	3,58	4,5	5,3
	Absorbed Current	A	4,80	5,70	6,80	8,5
Heating	Annual Energy Consumption Average Zone (Q ^{HF})	kWh/a	2333	-	-	-
	Annual Energy Consumption Warmer Zone (Q ^{HF})	kWh/a	-	-	-	-
	Consumption at nominal conditions*	kW	2,80	3,70	4,50	5,3
	Absorbed Current	A	4,45	5,90	6,80	8,3
Dehumidification		L/h	3,30	3,70	3,70	4,0
Airflow (min/med/max/s-max)		m ³ /h	1200/1400/1600/1700	1400/1600/1800/2000	1500/1800/2100/2300	1700/2000/2300/2600
Fan Static Pressure		Pa	37 (0-160)	50 (0-160)	50 (0-200)	50 (0-200)
Indoor Unit Sound Power		dB(A)	62	66	67	
Indoor Unit Sound Pressure**		dB(A)	36/37/38	40/41/42	38/40/42	40/42/44
Outdoor Unit Sound Power		dB(A)	70	73	72	75
Outdoor Unit Sound Pressure**		dB(A)	57	58	59	60
Indoor Unit	Unit Dimensions (WxHxD)	mm	1340x260x655	1340x260x655	1400x300x700	1400x300x700
	Packaging Dimensions (WxHxD)	mm	1568x323x770	1568x323x770	1601x365x813	1678x365x808
	Net/Gross Weight	kg	43/49	43/49	52/58	57/64
	Shielded Communication Cable (between IDU and ODU)	qty x mm	3x1.5+T	3x1.5+T	3x1.5+T	3x1.5+T
Outdoor Unit	Unit Dimensions (WxHxD)	mm	940x820x370	940x820x370	940x820x370	990x960x370
	Packaging Dimensions (WxHxD)	mm	1093x885x497	1093x885x497	1093x885x497	1153x1110x478
	Net/Gross Weight	kg	75/82	76/83	81/88	90/100
	Power Supply Cable	qty x mm	4x4.0+T	4x4.0+T	4x6.0+T	4x6.0+T
Piping	Liquid Side Diameter	mm (inch)	9,53 (3/8")	9,53 (3/8")	9,53 (3/8")	9,53 (3/8")
	Gas Side Diameter	mm (inch)	15,88 (5/8")	15,88 (5/8")	15,88 (5/8")	15,88 (5/8")
	Maximum Length Without Add. Refrigerant	m	7	7	9,5	9,5
	Maximum Length	m	75	75	75	75
	Maximum Elevation Gain	m	30	30	30	30
R32 Refrigerant		g	2100	2250	2800	3600
Additional R32 Refrigerant Charge (Beyond 5m)		g/m	20	20	35	40
Filters			Dust			
Operating temperature limits	Cooling	°C	-20~52			
	Heating	°C	-20~24			

Harmonized standard: EN 14511 : 2007, EN 12102 – Global Warming Potential (GWP)

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COLUMN



COLUMN



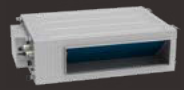








		Unit Indoor	FSXK- A140IUNVR32	FS- A170IUNVR32
		Unit Outdoor	FSXK- A140OUIUNVR32	FS- A170OUIUNVR32
Indoor Unit EAN Code			4963505063665	4963505063511
Outdoor Unit EAN Code			4963505063672	4963505063528
Pdesignnc		kW	12,5	16
Pdesignh Average Climate Zone		kW	10	12
Pdesignh Warmer Climate Zone		kW	11,5	12,8
Cooling Capacity		Btu/h	42650 (10577-49474)	55000
		kW	12,50 (3,10-14,50)	16,00
Heating Capacity		Btu/h	49474 (11260-56298)	58000
		kW	14,50 (3,30-16,50)	17,00
Cooling	SEER		6,1	6,1
	Cooling Energy Class		A++	A++
Heating	SCOP Average Climate Zone		4,0	4,5
	Energy Class Average Climate Zone		A+	A+
	SCOP Warmer Climate Zone		5,1	5,1
	Energy Class Warmer Climate Zone		A+++	A+++
Power Supply*		V/Ph/Hz	400/50/3	400/50/3
Cooling	Annual Energy Consumption (Q ^{CB})	kWh/a	717	918
	Consumption at nominal conditions	kW	3,79	5,5
	Absorbed Current	A	5,6	8,1
Heating	Annual Energy Consumption Average Zone (Q ^{HE})	kWh/a	3500	4200
	Annual Energy Consumption Warmer Zone (Q ^{HE})	kWh/a	3157	3514
	Consumption at nominal conditions	kW	3,3	5,0
	Absorbed Current	A	5,7	7,4
Dehumidification		L/h	5,0	5,5
Airflow (min/med/max)		m ³ /h	1800/2000/2200/2400	2400/2200/2000/1800
Indoor Unit Sound Power		dB(A)	66	67
Indoor Unit Sound Pressure**		dB(A)	51/53/54/56	57/55/53/52
Outdoor Unit Sound Power		dB(A)	74	76
Outdoor Unit Sound Pressure**		dB(A)	63	62
Indoor Unit	Unit Dimensions (WxHxD)	mm	587x1882x394	587x1882x394
	Packaging Dimensions (WxHxD)	mm	2128x718x485	2128x718x485
	Net/Gross Weight	kg	57/69	58/70
	Shielded Communication Cable (between IU and OU)	qty x mm	3x1.5+T	3x1.5+T
Outdoor Unit	Unit Dimensions (WxHxD)	mm	940x820x370	1068x961x427
	Packaging Dimensions (WxHxD)	mm	1093x955x497	1153x478x1110
	Net/Gross Weight	kg	81/94	97,5/108,5
	Power Supply Cable	qty x mm	4x4.0+T	4x6.0+T
Piping	Liquid Side Diameter	mm (inch)	9,53 (3/8")	9,53 (3/8")
	Gas Side Diameter	mm (inch)	15,88 (5/8")	15,88 (5/8")
	Maximum Length Without Add. Refrigerant	m	5	5
	Maximum Length	m	30 ***	30 ***
	Maximum pipe height	m	20	20
	Minimum pipe length	m	3	3
R32 Refrigerant		g	2800	2900
Refrigerant supplement		g/m	40	40
Filters			High-Density Pre-filter	
Operating limit temperatures	Cooling	°C	-15~-50	-15~-50
	Heating	°C	-15~-30	-15~-30

Harmonized standard: EN 14511 : 2007. EN 12102 – Global Warming Potential (GWP)

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***Measured in a free field

CONTROL SYSTEMS

				
MODEL	DESCRIPTION	FLOOR CEILING	CASSETTE	DUCTABLE
	Infrared Remote Control TYAP1F7	●	●	●
	Remote Control with Hotel Function TYAP1S	●	●	●
	Programmable Wired Controller TXE7A-24/H	●	●	●
	Programmable Wired Controller with integrated WiFi module TXE7A-24/HC	●	●	●
	Centralized touch screen controller up to 255 units TCE52-24/F(C)	●	●	●
	Modbus gateway connected to indoor units and centralized control / building management systems for communication signal conversion TME50-00/EG-M	●	●	●
	Dry contact board usable with level input mode and pulse input mode. Each function is controlled independently TME30-42/E1	●	●	●
	Control system connectable to access control systems to turn the air conditioner on and off via magnetic key. Can be connected to the wired controller or directly to the indoor unit TLE60-24/H1	●	●	●
	BACnet gateway used in large buildings for centralized air conditioner management TME30-24D1	●	●	●

● Standard Controller ● Optional Controller

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The data, features and specifications in this catalog may be subject to change without notice.