

TZ super-compact • R32

Wall-mounted TZ super-compact.

The perfect air conditioner for the smallest spaces in your home. New TZ with R32 refrigerant powerful and efficient, efficient and built-in wifi.

- Compact design with 779 mm (1102 mm for 6 and 7.1 kW)
- Built-in Wi-Fi Panasonic Comfort Cloud for internet control
- Compatible with voice control
- Infrared control Sky Controller
- PM2,5 Filter to create clean and comfortable indoor air quality
- Super Quiet operation
- Aerowings to control air draft direction
- High energy savings
- Wired control (Optional)



TZ super-compact • R32		SINGLE PHASE						
		2 kW	5 kW	6 kW	2.5 kW	3.5 kW	4.2 kW	7.1 kW
Cooling capacity (Min)	kW	0,75	0,98	0,98	0,85	0,85	0,85	0,98
Input power heating (Min)	kW	0,17	0,21	0,21	0,19	0,20	0,20	0,40
COP (Max) (1)	W/W	3,53	3,26	3,57	3,66	3,70	3,33	3,47
COP (Min) (1)	W/W	4,24	4,67	4,67	4,21	4,10	4,10	2,45
Heating capacity (Max)	kW	3,60	7,50	8,20	4,10	5,10	6,80	9,90
Heating capacity (Min)	kW	0,70	0,98	0,98	0,80	0,80	0,80	0,98
Input power cooling (Max)	kW	0,60	1,90	2,30	0,88	1,16	1,64	2,75
Input power cooling (Min)	kW	0,18	0,25	0,25	0,21	0,24	0,24	0,42
EER (Max) (1)	W/W	4,00	2,95	2,87	3,41	3,36	2,80	2,98
EER (Min) (1)	W/W	4,17	3,92	3,92	4,05	3,62	3,62	2,33
Cooling capacity (Max)	kW	2,40	5,60	6,60	3,00	3,90	4,60	8,20
Input power heating (Max)	kW	1,02	2,30	2,30	1,12	1,38	2,04	2,85
Operating range (Heat - Max)	°C	+24	+24	+24	+24	+24	+24	+24
Operating range (Heat - Min)	°C	-15	-15	-15	-15	-15	-15	-15
Operating range (Cool - Max)	°C	+43	+43	+43	+43	+43	+43	+43
Elevation difference (in/out) (6)	m	15	15	15	15	15	15	20
Outdoor dimension (Depth) (5)	mm	289	299	299	289	289	289	320
Outdoor dimension (Width) (5)	mm	780	824	824	780	780	780	875
Outdoor dimension (Height) (5)	mm	542	619	619	542	542	542	695
Outdoor sound pressure (Heat -Hi) (4)	dB(A)	47	49	51	48	50	51	54
Outdoor unit		CU-TZ20WKE	CU-TZ50WKE	CU-TZ60WKE	CU-TZ25WKE	CU-TZ35WKE	CU-TZ42WKE	CU-TZ71WKE
Outdoor air flow (Heat)	m³/min	29,7	32,7	34,0	28,9	29,7	30,8	45,9
Outdoor air flow (Cool)	m³/min	29,7	32,7	34,0	30,0	28,7	30,4	44,7
Indoor unit		CS-TZ20WKEW	CS-TZ50WKEW	CS-TZ60WKEW	CS-TZ25WKEW	CS-TZ35WKEW	CS-TZ42WKEW	CS-TZ71WKEW
Indoor sound pressure (Heat -Q-Lo) (4)	dB(A)	22	33	34	22	22	28	35
Indoor sound pressure (Heat -Lo) (4)	dB(A)	26	37	37	27	33	35	38
Indoor sound pressure (Heat -Hi) (4)	dB(A)	38	44	45	40	42	44	47
Indoor sound pressure (Cool -Q-Lo) (4)	dB(A)	20	33	34	20	20	29	35
Indoor sound pressure (Cool -Lo) (4)	dB(A)	25	37	37	26	30	31	38
Moisture removal volume	L/h	1,3	2,8	3,3	1,5	2,0	2,4	4,1
Indoor air flow (Heat)	m³/min	10,8	13,2	21,9	11,5	12,3	13,2	22,9
Indoor air flow (Cool)	m³/min	10,3	12,5	20,9	11,0	11,8	12,5	22,1
Indoor connection indoor / outdoor	mm²	4 x 1,5	4 x 2,5	4 x 2,5	4 x 1,5	4 x 1,5	4 x 1,5	4 x 2,5
Indoor power source	V	230	230	230	230	230	230	230
Annual energy consumption heating (3)	kWh/a	578	1244	1433	730	852	1260	1925
Annual energy consumption cooling (3)	kWh/a	100,00	254,00	309,00	125,00	180,00	230,00	401,00
Input power cooling (Nominal)	kW	0,49	1,60	1,85	0,65	0,98	1,25	2,24
Pdesign (cooling)	kW	2,00	5,00	6,00	2,50	3,50	4,20	7,10
SEER (2)		7,00 A++	6,90 A++	6,80 A++	7,00 A++	6,80 A++	6,40 A++	6,20 A++
Outdoor net weight	kg	24	36	36	25	31	31	50
Outdoor sound pressure (Cool -Hi) (4)	dB(A)	46	48	49	47	48	49	52
Indoor net weight	kg	8	8	13	8	8	8	13
Indoor dimension (Height)	mm	290	290	302	290	290	290	302
Indoor sound pressure (Cool -Hi) (4)	dB(A)	37	44	45	40	42	44	47
SCOP (2)		4,60 A++	4,50 A+	4,30 A+	4,60 A++	4,60 A++	4,00 A+	4,00 A+
Pipe length range	m	3 ~ 15	3 ~ 20	3 ~ 30	3 ~ 15	3 ~ 15	3 ~ 15	3 ~ 30
Heating capacity at -7°C	kW	2,14	4,62	4,90	2,70	3,30	3,90	6,13
Kit		KIT-TZ20-WKE	KIT-TZ50-WKE	KIT-TZ60-WKE	KIT-TZ25-WKE	KIT-TZ35-WKE	KIT-TZ42-WKE	KIT-TZ71-WKE
Additional gas amount	g/m	10	15	15	10	10	10	25
Pipe length for additional gas	m	7,5	7,5	10	7,5	7,5	7,5	10
Pipe diameter (Gas)	Inch (mm)	3/8 (9,52)	1/2 (12,7)	1/2 (12,7)	3/8 (9,52)	3/8 (9,52)	1/2 (12,7)	5/8 (15,88)
Pipe diameter (Liquid)	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
Indoor dimension (Depth)	mm	209	209	244	209	209	209	244

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		2 kW	5 kW	6 kW	2.5 kW	3.5 kW	4.2 kW	7.1 kW
Indoor dimension (Width)	mm	779	779	1102	779	779	779	1102
Indoor recommended fuse	A	16	16	20	16	16	16	20
Refrigerant (R32) / CO2 Eq.	kg / T	0,54 / 0,365	1,14 / 0,770	1,22 / 0,824	0,67 / 0,452	0,77 / 0,520	0,79 / 0,533	1,32 / 0,891
EER (Nominal) (1)	W/W	4,08	3,13	3,24	3,85	3,57	3,36	3,17
COP (Nominal) (1)	W/W	4,15	3,41	3,68	4,18	4,04	3,73	3,51
Heating capacity (Nominal)	kW	2,70	5,80	7,00	3,30	4,00	5,00	8,60
Cooling capacity (Nominal)	kW	2,00	5,00	6,00	2,50	3,50	4,20	7,10
Operating range (Cool - Min)	°C	-10	-10	-10	-10	-10	-10	-10
Input power heating (Nominal)	kW	0,65	1,70	1,90	0,79	0,99	1,34	2,45
Pdesign at -10°C	kW	1,90	4,00	4,40	2,40	2,80	3,60	5,50

(1) EER and COP calculation is based in accordance to EN14511.

(2) Energy Label Scale from A+++ to D.

(3) The annual energy consumption is calculated in accordance to EU/626/2011.

(4) The sound pressure of the indoor unit shows the value measured of a position 1 m in front of the main body and 0,8 m below the unit. For outdoor unit 1 m in front and 1 m in rear side of main body. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed.

(5) Add 70 mm for piping port.

(6) When installing the outdoor unit at a higher position than the indoor unit.