







# Tenji CC & CS

Cassette air conditioner

**360° air supply, advanced control features, and discreet mounting hardware are all advantages that make the new Tenji cassette a desirable choice.**

The peripheral air supply (360°) ensures even distribution of air in all directions, providing comfort to users.

The independent control of the four louvres allows optimal adjustment of airflow according to the room layout and users' activities.





# TENJI



Fresh air  
supply



Integrated  
condensate  
extraction pump



360°  
air supply



LCD  
display



SMART  
wi-fi



Easy  
installation  
and maintenance

*Tenji CC - 650 x 650 [mm]*



*Tenji CS - 950 x 950 [mm]*







## Fresh air supply

Additional ducts takes fresh air in from the outside, allowing simultaneous cooling and ventilation of the room.

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### LCD display \*

The LCD display provides clear and neat information on temperature and active functions. It is conveniently located in the corner of the housing for easy readability.

*\* Function available in indoor units with a 950 x 950 mm panel*



### Smart wi-fi control \*

With the help of SMART Wi-Fi control system multiple users can control the air conditioner using a tablet or smartphone no matter where they are.

*\* Function available in indoor units with a 950 x 950 mm panel*



## Integrated condensate extraction pump

The built-in condensate pump in the improved unit's compact design saves space and money, making servicing quick and efficient.



## Easy installation and maintenance

The new design of Tenji cassette enhances airflow efficiency by 20% and reduces noise levels by 4 dB(A). It also facilitates faster and easier installation and servicing of the unit.

*\* Function available in indoor units with a 950 x 950 mm panel*



## 360° air supply \*

Thanks to its four-sided air supply design, the Tenji air conditioner efficiently distributes air in the room for effective cooling or heating.

*Function available in indoor units with a 950 x 950 mm panel*

# Tenji CC [650 x 650]

## 2,1-5,3 kW



## Unit features

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Digital DC Inverter SKY<sup>®</sup>



Automatic purification iClean<sup>(1)</sup>



Fresh air supply<sup>(2)</sup>



Electrostatic HD iAIR filter



Super Silent eMOTO mode<sup>(1)</sup>



Wide-angle eMOTO air supply



Turbo eMOTO mode<sup>(1)</sup>



Air supply eMOTO control systeme



Eco eMOTO mode<sup>(1)</sup>



SMART wi-fi<sup>(2)</sup>



Wired controller SMART port



Wireless remote control



Wired controller<sup>(2)</sup>



SMART heating to 8°C<sup>(1)</sup>



SMART Follow mode



Auto restart memory



Anti-corrosive gold fins



Drip tray heater



Compressor crankcase heater



Timer



Cooling at low outdoor temp. down to -15°C



Heating at low outdoor temp. down to -20°C



Self-diagnostics



Automatic 4D louvres



Integrated condensate pump



ON/OFF remote output



Alarm output



Weekly controller output



Sleep mode



Central controller output



Four-sided air supply



BMS Modbus<sup>(2)</sup>



BMS Bacnet<sup>(2)</sup>

1. Feature not available in Multi Split system. 2. Feature is only optional.

# Tenji CS [950 x 950]

## 7,0-15,5 kW



- SCOP 4,2
- Wi-Fi
- 20°C
- Auto restart
- Wired controller
- 5 year WARRANTY
- PZH CERTIFICATE

## Unit features



Digital DC Inverter SKY®



Automatic purification iClean<sup>(1)</sup>



Electrostatic HD iAIR filter



Super Silent eMOTO mode<sup>(1)</sup>



Wide-angle eMOTO air supply



Turbo eMOTO mode<sup>(1)</sup>



Air supply eMOTO control system



Eco eMOTO mode<sup>(1)</sup>



SMART wi-fi



Humidity sensor<sup>(1) (3)</sup>



Wired controller SMART port



SMART panel display ON/OFF



Wireless remote control



Wired controller<sup>(2)</sup>



SMART heating to 8°C<sup>(1)</sup>



SMART Follow mode



Louvre setting memory



Auto restart memory



Anti-corrosive gold fins



Drip tray heater



Compressor crankcase heater



Timer



Cooling at low outdoor temp. down to -15°C



Heating at low outdoor temp. down to -20°C



Self-diagnostics



Automatic 4D louvres



Sleep mode



Integrated condensate pump



Fresh air supply<sup>(2)</sup>



ON/OFF remote output



Alarm output



Weekly controller output



Central controller output



360° air supply



Individual louvre control



Additional air supply<sup>(2)</sup>



Synchro-simultaneous operation<sup>(2)</sup>



BMS Modbus<sup>(2)</sup>



BMS Bacnet<sup>(2)</sup>

1. Feature not available in Multi Split system. 2. Feature is only optional. 3. Feature can be accessed via mobile app.

# Technical specification

Model				Tenji 2,1 kW	Tenji 2,6 kW	Tenji 3,5 kW	Tenji 5,3 kW	Tenji 7,0 kW
Capacity	Cooling	Nom. (Min. - Max.)	W	2051	2638	3516 (850-4109)	5275 (2901-5587)	7033 (3301-7913)
Rated input		Nom. (Min. - Max.)	W	-	-	1010 (168-1434)	1633 (720-2088)	2320 (780-2748)
Operating current		Nom. (Min. - Max.)	A	-	-	4,4 (0,7-6,2)	7,1 (3,1-9,1)	10,1 (3,4-11,9)
Capacity	Heating	Nom. (Min. - Max.)	W	2345	2931	3810 (470-4310)	5570 (2374-6096)	7620 (2807-8939)
Rated input		Nom. (Min. - Max.)	W	-	-	1019 (124-1376)	1540 (700-1930)	1900 (610-2700)
Operating current		Nom. (Min. - Max.)	A	-	-	4,4 (0,5-6,0)	6,7 (3,0-8,4)	8,3 (2,7-11,7)
Reversible heat pump type				air-to-air	air-to-air	air-to-air	air-to-air	air-to-air
Design load in cooling mode			kW	-	-	3,5	5,3	7,0
SEER			W/W	-	-	6,6	6,3	6,2
Energy efficiency class, cooling				-	-	A++	A++	A++
Annual electric energy consumption, cooling			kWh/a	-	-	186	294	395
Design load in heating mode (T <sub>biv</sub> -7°C)			kW	-	-	2,7	4,2	6
SCOP			W/W	-	-	4,1	4,0	4,0
Energy efficiency class, heating				-	-	A+	A+	A+
Annual electric energy consumption, heating			kWh/a	-	-	922	1470	2100
Dehumidification			l/h	-	-	1,2	1,8	2,4
Maximum energy consumption			W	-	-	1850	2950	3700
Maximum operating current			A	-	-	8	12,8	16,1
Indoor unit				T21Xi	T26Xi	T35Xi	T50Xi	T70Xi
EAN product code				5905567601699	5905567601705	5905567601712	5905567601729	5905567601736
Fan speed	T / H / M / L	rpm	600 / 520 / 460 / 365	600 / 520 / 460 / 365	700 / 600 / 552 / 500	752 / 664 / 620 / 576	608 / 552 / 524 / 496	
Air flow	T / H / M / L	m³/h	580 / 500 / 450 / 310	580 / 500 / 450 / 310	569 / 485 / 437 / 389	680 / 584 / 531 / 479	1247 / 1118 / 1054 / 992	
Sound pressure level	T / H / M / L	dB(A)	38 / 33 / 30 / 23	38 / 33 / 30 / 23	42 / 37,5 / 34,5 / 25,5	45,4 / 44 / 39 / 29	50 / 47,5 / 42 / 29	
Sound power level		dB(A)	53	53	57	59	59	
Rated input		W	40	45	65	65	64	
Operating current		A	0,18	0,18	0,3	0,3	0,3	
Net dimensions	W × D × H	mm	570 × 570 × 260	570 × 570 × 260	570 × 570 × 260	570 × 570 × 260	830 × 830 × 205	
Gross dimensions	W × D × H	mm	662 × 662 × 317	662 × 662 × 317	662 × 662 × 317	662 × 662 × 317	910 × 910 × 250	
Net weight / Gross weight		kg	14,5 / 17,3	14,5 / 17,3	16,3 / 20,4	16,3 / 20,4	21,6 / 25,4	
Condensate drain		mm	25	25	25	25	25	
Panel	Model		TCCX2p	TCCX2p	TCCX2p	TCCX2p	TSCX2p	
	EAN product code		5905567603174	5905567603174	5905567603174	5905567603174	5905567603181	
	Net weight	W × D × H	mm	647 × 647 × 50	647 × 647 × 50	647 × 647 × 50	647 × 647 × 50	950 × 950 × 55
	Gross weight	W × D × H	mm	715 × 715 × 123	715 × 715 × 123	715 × 715 × 123	715 × 715 × 123	1035 × 1035 × 90
	Net weight / Gross weight		kg	2,5 / 4,5	2,5 / 4,5	2,5 / 4,5	2,5 / 4,5	6 / 9
Outdoor unit				-	-	U035Xo	U050Xo	U070Xo
EAN product code				-	-	5905567601545	5905567601552	5905567601569
Fan speed	H / M / L	rpm	-	-	780 / 675 / 600	780 / 675 / 600	800 / 700 / 580	
Maximum air flow		m³/h	-	-	2200	2100	3500	
Sound pressure level		dB(A)	-	-	54	55	60	
Sound power level		dB(A)	-	-	62	65	69	
Net dimensions	W × D × H	mm	-	-	765 × 303 × 555	805 × 330 × 554	890 × 342 × 673	
Gross dimensions	W × D × H	mm	-	-	887 × 337 × 610	915 × 370 × 615	995 × 398 × 740	
Bracket spacing	W × D	(mm)	-	-	452 × 286	511 × 317	663 × 348	
Net weight / Gross weight		kg	-	-	26,6 / 29,0	32,5 / 35,2	43,9 / 46,9	
Refrigerant	Type		-	-	R32	R32	R32	
	GWP		-	-	675	675	675	
	≤ 5m	kg	-	-	0,72	1,15	1,5	
		TCO <sub>2</sub> eq	-	-	0,49	0,78	1,01	
Charged (> 5m)	g/mb	-	-	12	12	24		
Pipe connections	Liquid/Gas	mm (inches)	Φ6,35 / Φ9,52 (1/4" / 3/8")	Φ6,35 / Φ9,52 (1/4" / 3/8")	Φ6,35 / Φ9,52 (1/4" / 3/8")	Φ6,35 / Φ12,7 (1/4" / 1/2")	Φ9,52 / Φ15,9 (3/8" / 5/8")	
Maximum installation length		m	-	-	25	30	50	
Maximum height difference		m	-	-	10	20	25	
Compressor type			-	-	Rotary DC	Rotary DC	Rotary DC	
Type of outdoor unit power supply	V-Hz, Ø		220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	
Electrical protection	A		-	-	C10	C16	C16	
Power cables: outdoor unit	pcs × mm²	Look data at HIRO	Look data at HIRO	Look data at HIRO	3 × 1,5	3 × 2,5	3 × 2,5	
Control and power cables: indoor unit - outdoor unit	pcs × mm²	4 × 1	4 × 1	4 × 1	4 × 1	4 × 1	4 × 1	
Indoor operating range (Cooling / Heating)	°C		16~32 / 0~30	16~32 / 0~30	16~32 / 0~30	16~32 / 0~30	16~32 / 0~30	
Outdoor operating range (Cooling / Heating)	°C		-	-	-15~50 / -20~24	-15~50 / -20~24	-15~50 / -20~24	
Compatible systems								
1:1 SINGLE						●	●	●
1:2 DUAL								●
1:X MULTI				●	●	●	●	●

T - Turbo; H - High; M - Middle; L - Low

For 70Xi unit (pipe connections: Ø9.52 (3/8") i Ø15.9 (5/8") in MULTI system outdoor unit reduction necessary to Ø6.35 (1/4") i Ø12.7 (1/2")



# Technical specification

Model				Tenji 8,8 kW	Tenji 10,6 kW	Tenji 12,0 kW	Tenji 14,1 kW	Tenji 15,5 kW
Capacity	Cooling	Nom. (Min. - Max.)	W	8792 (2227-9378)	10551 (2696-11429)	12016 (2930-12309)	14067 (3517-15826)	15533 (4103-16705)
Rated input		Nom. (Min. - Max.)	W	2750 (190-3000)	4000 (890-4150)	4200 (680-4350)	4650 (800-5900)	5000 (980-6200)
Operating current		Nom. (Min. - Max.)	A	12 (0,8-13,0)	6,8 (1,5-7,0)	18,3 (3,0-18,9)	7,9 (1,4-10,0)	8,4 (1,7-10,5)
Capacity	Heating	Nom. (Min. - Max.)	W	9378 (2696-9730)	11137 (2784-12660)	13481 (3370-14067)	16119 (4103-17291)	18172 (4396-19928)
Rated input		Nom. (Min. - Max.)	W	2450 (430-2550)	3000 (780-4000)	3700 (750-4250)	4580 (900-5500)	5550 (1020-6700)
Operating current		Nom. (Min. - Max.)	A	10,7 (1,9-11,1)	5,1 (1,3-6,8)	16,1 (3,3-18,5)	7,7 (1,5-9,7)	9,4 (1,7-11,3)
Reversible heat pump type				air-to-air	air-to-air	ait-to-air	air-to-air	powietrze-powietrze
Design load in cooling mode			kW	8,8	10,5	12,1	14,0	15,3
SEER			W/W	6,6	6,3	6,1	6,1	6,3
Energy efficiency class, cooling				A++	A++	A++	A++	A++
Annual electric energy consumption, cooling			kWh/a	467	583	700	810	860
Design load in heating mode (Tbiv -7°C)			kW	7,4	8,0	9,5	11	11,9
SCOP			W/W	4,2	3,9	4,0	4,0	4,0
Energy efficiency class, heating				A+	A	A+	A+	A+
Annual electric energy consumption, heating			kWh/a	2467	2872	3275	3860	4190
Dehumidification			l/h	3,0	3,6	4,2	4,8	5,5
Maximum energy consumption			W	4500	5000	5000	6900	7500
Maximum operating current			A	19,6	8,4	21,7	11,6	12,7
Indoor unit				T90Xi	T100Xi	T120Xi	T140Xi	T160Xi
EAN product code				5905567601743	5905567601750	5905567601767	5905567601774	5905567601781
Fan speed	T / H / M / L	rpm	660 / 600 / 575 / 550	700 / 630 / 600 / 570	712 / 648 / 616 / 584	712 / 648 / 616 / 584	736 / 672 / 640 / 608	
Air flow	T / H / M / L	m³/h	1700 / 1530 / 1415 / 1300	1700 / 1530 / 1415 / 1300	1900 / 1750 / 1670 / 1600	1900 / 1750 / 1670 / 1600	2000 / 1850 / 1750 / 1650	
Sound pressure level	T / H / M / L	dB(A)	50,5 / 48 / 46 / 40	51 / 49 / 46 / 39	52,5 / 50 / 47,5 / 40	52,5 / 50,5 / 48 / 40	54,5 / 52 / 49,5 / 42	
Sound power level		dB(A)	63	64	66	66	66	
Rated input		W	157	157	157	157	157	
Operating current		A	0,7	0,7	0,7	0,7	0,7	
Net dimensions		W × D × H	mm	830 × 830 × 245	830 × 830 × 245	830 × 830 × 287	830 × 830 × 287	830 × 830 × 287
Gross dimensions		W × D × H	mm	910 × 910 × 290	910 × 910 × 290	910 × 910 × 330	910 × 910 × 330	910 × 910 × 330
Net weight / Gross weight		kg	24,6 / 28,6	27,2 / 31,2	29,3 / 33,5	29,3 / 33,5	29,3 / 33,5	
Condensate drain		mm	25	25	25	25	25	
Panel	Model			TSCX2p	TSCX2p	TSCX2p	TSCX2p	TSCX2p
	EAN product code			5905567603181	5905567603181	5905567603181	5905567603181	5905567603181
	Net weight	W × D × H	mm	950 × 950 × 55	950 × 950 × 55	950 × 950 × 55	950 × 950 × 55	950 × 950 × 55
	Gross weight	W × D × H	mm	1035 × 1035 × 90	1035 × 1035 × 90	1035 × 1035 × 90	1035 × 1035 × 90	1035 × 1035 × 90
	Net weight / Gross weight		kg	6 / 9	6 / 9	6 / 9	6 / 9	6 / 9
Outdoor unit				UO90Xo	UO100Xo	UO120Xo	UO140Xo	UO160Xo
EAN product code				5905567601576	5905567601583	5905567601590	5905567601606	5905567601613
Fan speed	H / M / L	rpm	900 / 750 / 550	950 / 850 / 700	950 / 830 / 750	830 / 740 / 650	830 / 740 / 650	
Maximum air flow		m³/h	3800	4000	4000	7500	7500	
Sound pressure level		dB(A)	62	62	64	65	65	
Sound power level		dB(A)	70	70	72	74	75	
Net dimensions		W × D × H	mm	946 × 410 × 810	946 × 410 × 810	946 × 410 × 810	952 × 415 × 1333	952 × 415 × 1333
Gross dimensions		W × D × H	mm	1090 × 500 × 885	1090 × 500 × 885	1090 × 500 × 885	1095 × 495 × 1480	1095 × 495 × 1480
Bracket spacing		W × D	(mm)	673 × 403	673 × 403	673 × 403	634 × 404	634 × 404
Net weight / Gross weight		kg	52,8 / 57,3	75,5 / 80	71,0 / 75,0	103,7 / 118,3	107,0 / 121,2	
Refrigerant	Type			R32	R32	R32	R32	R32
	GWP			675	675	675	675	675
	≤ 5m	kg		2,0	2,4	2,8	2,9	3,0
		TCO <sub>2</sub> eq		1,35	1,62	1,89	1,96	2,03
Charged (> 5m)		g/mb	24	24	24	24	24	
Pipe connections		Liquid/Gas	mm (inches)	Φ9,52 / Φ15,9 (3/8" / 5/8")	Φ9,52 / Φ15,9 (3/8" / 5/8")	Φ9,52 / Φ15,9 (3/8" / 5/8")	Φ9,52 / Φ15,9 (3/8" / 5/8")	Φ9,52 / Φ15,9 (3/8" / 5/8")
Maximum installation length		m	50	75	75	75	75	
Maximum height difference		m	25	30	30	30	30	
Compressor type				Rotary DC	Rotary DC	Rotary DC	Rotary DC	Rotary DC
Type of outdoor unit power supply		V-Hz, Ø	220-240-50, 1f	380-420-50, 3f	380-420-50, 3f	380-420-50, 3f	380-420-50, 3f	380-420-50, 3f
Electrical protection		A	C20	C16/3	C16/3	C16/3	C16/3	
Power cables: outdoor unit		pcs × mm²	3 × 2,5	5 × 2,5	5 × 2,5	5 × 2,5	5 × 2,5	
Control and power cables: indoor unit - outdoor unit		pcs × mm²	4 × 1	4 × 1	4 × 1	4 × 1	4 × 1	
Indoor operating range (Cooling / Heating)		°C	16~32 / 0~30	16~32 / 0~30	16~32 / 0~30	16~32 / 0~30	16~32 / 0~30	
Outdoor operating range (Cooling / Heating)		°C	-15~50 / -20~24	-15~50 / -20~24	-15~50 / -20~24	-15~50 / -20~24	-15~50 / -20~24	
Compatible systems								
1:1 SINGLE				•	•	•	•	•
1:2 DUAL				•				
1:X MULTI								