

Cassette air conditioner

Tenji CS T90X ^[R16]

S-LINE

- SCOP 4,2
- WiFi
- 20°C
- Smart
- Coil
- Coil
- 5 year WARRANTY
- PZH CERTIFICATE



- DEDICATED TO HEATING
- 1:1 SINGLE
- 1:2 DUAL

Unit features

Digital DC Inverter SKY [®]	Automatic purification iClean	Electrostatic HD iAIR filter	Super Silent eMOTO mode	Wide-angle eMOTO air supply	eMOTO Turbo mode	Air supply eMOTO control system	Eco eMOTO mode
SMART Wi-Fi	Humidity sensor ⁽²⁾	Wired controller SMART port	SMART LED panel display ON/OFF	Wireless remote control	Wired controller ⁽¹⁾	SMART heating to 8°C	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	Sleep mode	Automatic 4D louvres	Integrated condensate pump	Fresh air supply ⁽¹⁾	ON/OFF remote output	Alarm output	Weekly controller output
Central controller output	360° air supply	Individual louvre control	Additional air supply ⁽¹⁾	Synchro - simultaneous operation ⁽¹⁾	BMS Modbus ⁽¹⁾	BMS Bacnet ⁽¹⁾	

1. Feature is only optional.

2. Feature can be accessed via mobile app.

Technical specification

Model				Tenji 8,8 kW	
Capacity	Cooling	Nom. (Min. - Max.)	W	8792 (2227-9378)	
Rated input		Nom. (Min. - Max.)	W	2750 (190-3000)	
Operating current		Nom. (Min. - Max.)	A	12 (0,8-13,0)	
Capacity	Heating	Nom. (Min. - Max.)	W	9378 (2696-9730)	
Rated input		Nom. (Min. - Max.)	W	2450 (430-2550)	
Operating current		Nom. (Min. - Max.)	A	10,7 (1,9-11,1)	
Reversible heat pump type				air-to-air	
Design load in cooling mode			kW	8,8	
SEER			W/W	6,6	
Energy efficiency class, cooling				A++	
Annual electric energy consumption, cooling			kWh/a	467	
Design load in heating mode (T _{biv} - 7°C)			kW	7,7	
SCOP			W/W	4,2	
Energy efficiency class, heating				A+	
Annual electric energy consumption, heating			kWh/a	2567	
Dehumidification			l/h	3,0	
Maximum energy consumption			W	4500	
Maximum operating current			A	19,6	
Indoor unit				T90Xi R16	
EAN product code				5905567601743	
Fan speed		T / H / M / L	rpm	660 / 600 / 575 / 550	
Air flow		T / H / M / L	m³/h	1700 / 1530 / 1415 / 1300	
Sound pressure level		T / H / M / L	dB(A)	50,5 / 48 / 46 / 40	
Sound power level			dB(A)	63	
Rated input			W	157	
Operating current			A	0,7	
Net dimensions		W × D × H	mm	830 × 830 × 245	
Gross dimensions		W × D × H	mm	910 × 910 × 290	
Net weight / Gross weight			kg	24,6 / 28,6	
Condensate drain			mm	25	
Panel	Model			TSCX2p	
	EAN product code			5905567603181	
	Net weight		W × D × H	mm	950 × 950 × 55
	Gross weight		W × D × H	mm	1035 × 1035 × 90
	Net weight / Gross weight			kg	6 / 9
Outdoor unit				UO90Xo R15	
EAN product code				5905567613067	
Fan speed		H / M / L	rpm	900 / 750 / 550	
Maximum air flow			m³/h	3800	
Sound pressure level			dB(A)	62	
Sound power level			dB(A)	70	
Net dimensions		W × D × H	mm	946 × 410 × 810	
Gross dimensions		W × D × H	mm	1090 × 500 × 885	
Bracket spacing		W × D	(mm)	673 × 403	
Net weight / Gross weight			kg	51 / 55,7	
Refrigerant	Type			R32	
	GWP			675	
	≤ 5m		kg	1,8	
			TCO ₂ eq	1,22	
Charged (> 5m)		g/mb	24		
Pipe connections		Liquid/Gas	mm (inches)	Φ9,52 / Φ15,9 (3/8" / 5/8")	
Maximum installation length			m	50	
Maximum height difference			m	25	
Compressor type				Rotary DC	
Type of outdoor unit power supply			V-Hz, Ø	220-240-50, 1f	
Electrical protection			A	C20	
Power cables: outdoor unit			pcs × mm²	3 × 2,5	
Control and power cables: indoor unit - outdoor unit			pcs × mm²	4 × 1	
Indoor operating range (Cooling / Heating)			°C	16-32 / 0-30	
Outdoor operating range (Cooling / Heating)			°C	-15-50 / -20-24	
Compatible systems					
1:1 SINGLE				•	
1:2 DUAL				•	
1:X MULTI S-Line					
1:X MULTI N-Line					
1:X MULTI HP-Line					

H - High; M - Middle; L - Low; S - Silent