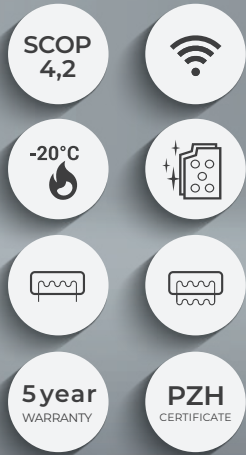


# Cassette air conditioner

Tenji CS T90X <sup>[R16]</sup>

S-LINE



## Unit features



Digital DC Inverter SKY<sup>®</sup>



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 <sup>(2)</sup>



Wired controller SMART port



SMART LED panel display ON/OFF



Wireless remote control



Wired controller <sup>(1)</sup>



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 louvers



Integrated condensate pump



Fresh air supply <sup>(1)</sup>



ON/OFF remote output



Alarm output



Weekly controller output



Central controller output



360° air supply



Individual louvre control



Additional air supply <sup>(1)</sup>



Synchro - simultaneous operation <sup>(1)</sup>



BMS Modbus <sup>(1)</sup>



BMS Bacnet <sup>(1)</sup>

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 <sub>biv</sub> - 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 <sub>2</sub> 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					

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