

# Cassette air conditioner

Tenji CS T120X <sup>[R16]</sup>

S-LINE

- SCOP 4,0
- Wi-Fi
- 20°C
- 5 year WARRANTY
- PZH CERTIFICATE



- DEDICATED TO HEATING
- 1:1 SINGLE



## 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 louvres	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>	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 12,0 kW	
Capacity	Cooling	Nom. (Min. - Max.)	W	12016 (2930-12309)	
Rated input		Nom. (Min. - Max.)	W	4200 (680-4350)	
Operating current		Nom. (Min. - Max.)	A	18,3 (3,0-18,9)	
Capacity	Heating	Nom. (Min. - Max.)	W	13481 (3370-14067)	
Rated input		Nom. (Min. - Max.)	W	3700 (750-4250)	
Operating current		Nom. (Min. - Max.)	A	16,1 (3,3-18,5)	
Reversible heat pump type				air-to-air	
Design load in cooling mode			kW	12,1	
SEER			W/W	6,1	
Energy efficiency class, cooling				A++	
Annual electric energy consumption, cooling			kWh/a	700	
Design load in heating mode (T <sub>biv</sub> - 7°C)			kW	9,5	
SCOP			W/W	4,0	
Energy efficiency class, heating				A+	
Annual electric energy consumption, heating			kWh/a	3275	
Dehumidification			l/h	4,2	
Maximum energy consumption			W	5000	
Maximum operating current			A	21,7	
Indoor unit				T120Xi R16	
EAN product code				5905567601767	
Fan speed		T / H / M / L	rpm	712 / 648 / 616 / 584	
Air flow		T / H / M / L	m <sup>3</sup> /h	1900 / 1750 / 1670 / 1600	
Sound pressure level		T / H / M / L	dB(A)	52,5 / 50 / 47,5 / 40	
Sound power level			dB(A)	66	
Rated input			W	157	
Operating current			A	0,7	
Net dimensions		W × D × H	mm	830 × 830 × 287	
Gross dimensions		W × D × H	mm	910 × 910 × 330	
Net weight / Gross weight			kg	29,3 / 33,5	
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				UO120Xo R14	
EAN product code				5905567601590	
Fan speed		H / M / L	rpm	950 / 830 / 750	
Maximum air flow			m <sup>3</sup> /h	4000	
Sound pressure level			dB(A)	64	
Sound power level			dB(A)	72	
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	71,0 / 75,0	
Refrigerant	Type			R32	
	GWP			675	
	≤ 5m		kg	2,8	
			TCO <sub>2</sub> eq	1,89	
Charged (> 5m)		g/mb	24		
Pipe connections		Liquid/Gas	mm (inches)	Φ9,52 / Φ15,9 (3/8" / 5/8")	
Maximum installation length			m	75	
Maximum height difference			m	30	
Compressor type				Rotary DC	
Type of outdoor unit power supply			V-Hz, Ø	220-240-50, 1f	
Electrical protection			A	C25	
Power cables: outdoor unit			pcs × mm <sup>2</sup>	3 × 2,5	
Control and power cables: indoor unit - outdoor unit			pcs × mm <sup>2</sup>	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