

# Cassette air conditioner

Tenji CS T140X <sup>[R16]</sup>

S-LINE

- SCOP 4,0
- WiFi
- 20°C
- Smartphone icon
- Heating coil icon
- Heating coil icon
- 5 year WARRANTY
- PZH CERTIFICATE



## 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 14,1 kW	
Capacity	Cooling	Nom. (Min. - Max.)	W	14067 (3517-15826)	
Rated input		Nom. (Min. - Max.)	W	4980 (810-6350)	
Operating current		Nom. (Min. - Max.)	A	8,4 (1,4-10,7)	
Capacity	Heating	Nom. (Min. - Max.)	W	16119 (4103-17291)	
Rated input		Nom. (Min. - Max.)	W	4580 (910-5900)	
Operating current		Nom. (Min. - Max.)	A	7,7 (1,5-10)	
Reversible heat pump type				air-to-air	
Design load in cooling mode			kW	14,0	
SEER			W/W	6,1	
Energy efficiency class, cooling				A++	
Annual electric energy consumption, cooling			kWh/a	1373	
Design load in heating mode (T <sub>biv</sub> - 7°C)			kW	11,2	
SCOP			W/W	4,0	
Energy efficiency class, heating				A+	
Annual electric energy consumption, heating			kWh/a	3920	
Dehumidification			l/h	4,8	
Maximum energy consumption			W	7300	
Maximum operating current			A	12,3	
Indoor unit				T140Xi R16	
EAN product code				5905567601774	
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)	51,5 / 49 / 46,5 / 38,5	
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				UO140Xo R15	
EAN product code				5905567606427	
Fan speed		H / M / L	rpm	850 / 600 / 400	
Maximum air flow			m <sup>3</sup> /h	7500	
Sound pressure level			dB(A)	65	
Sound power level			dB(A)	73	
Net dimensions		W × D × H	mm	980 × 375 × 975	
Gross dimensions		W × D × H	mm	1145 × 500 × 1080	
Bracket spacing		W × D	(mm)	615 × 397	
Net weight / Gross weight			kg	92 / 107	
Refrigerant	Type			R32	
	GWP			675	
	≤ 5m		kg	2,9	
			TCO <sub>2</sub> eq	1,96	
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	380-420-50, 3f	
Electrical protection			A	C16/3	
Power cables: outdoor unit			pcs × mm <sup>2</sup>	5 × 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					
1:X MULTI HP-Line					

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