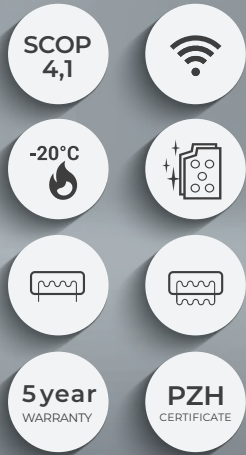


# Cassette air conditioner

Tenji CS T70X <sup>[R16]</sup>

S-LINE



## Unit features

Digital DC Inverter SKY <sup>®</sup>	Automatic purification iClean <sup>(1)</sup>	Electrostatic HD iAIR filter	Super Silent eMOTO mode <sup>(1)</sup>	Wide-angle eMOTO air supply	eMOTO Turbo 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 LED 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 <sup>(1)</sup>
Self-diagnostics	Sleep mode	Automatic 4D louvers	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 7,0 kW	
Capacity	Cooling	Nom. (Min. - Max.)	W	7034 (3297-7913)	
Rated input		Nom. (Min. - Max.)	W	2320 (780-2750)	
Operating current		Nom. (Min. - Max.)	A	10,1 (3,4-11,9)	
Capacity	Heating	Nom. (Min. - Max.)	W	7620 (2784-8499)	
Rated input		Nom. (Min. - Max.)	W	1900 (610-2300)	
Operating current		Nom. (Min. - Max.)	A	8,3 (2,7-10)	
Reversible heat pump type				air-to-air	
Design load in cooling mode			kW	7,1	
SEER			W/W	6,3	
Energy efficiency class, cooling				A++	
Annual electric energy consumption, cooling			kWh/a	394	
Design load in heating mode (T <sub>biv</sub> - 7°C)			kW	6,2	
SCOP			W/W	4,1	
Energy efficiency class, heating				A+	
Annual electric energy consumption, heating			kWh/a	2117	
Dehumidification			l/h	2,4	
Maximum energy consumption			W	3700	
Maximum operating current			A	16,1	
Indoor unit				T70Xi R16	
EAN product code				5905567601736	
Fan speed		T / H / M / L	rpm	608 / 552 / 524 / 496	
Air flow		T / H / M / L	m <sup>3</sup> /h	1247 / 1118 / 1054 / 992	
Sound pressure level		T / H / M / L	dB(A)	45 / 42,5 / 37 / 27,5	
Sound power level			dB(A)	59	
Rated input			W	64	
Operating current			A	0,3	
Net dimensions		W × D × H	mm	830 × 830 × 205	
Gross dimensions		W × D × H	mm	910 × 910 × 250	
Net weight / Gross weight			kg	21,6 / 25,4	
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				U070Xo R15	
EAN product code				5905567613050	
Fan speed		H / M / L	rpm	830 / 700 / 550	
Maximum air flow			m <sup>3</sup> /h	3500	
Sound pressure level			dB(A)	60	
Sound power level			dB(A)	68	
Net dimensions		W × D × H	mm	890 × 342 × 673	
Gross dimensions		W × D × H	mm	995 × 398 × 740	
Bracket spacing		W × D	(mm)	663 × 348	
Net weight / Gross weight			kg	41,9 / 45,2	
Refrigerant	Type		R32		
	GWP		675		
	≤ 5m	kg		1,4	
		TCO <sub>2</sub> eq		0,95	
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	C16	
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

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")