

MODEL		TSGP-12HRDN8	
Power Supply		V-Ph-Hz	220-240V,1Ph , 50Hz
Cooling (Standard conditions)	Capacity	Btu/h	12000
	Input	W	1358
	Current	A	6.30
	EER	W/W	2.59
Heating (Standard conditions)	Capacity	Btu/h	13000
	Input	W	1191
	Current	A	5
	COP	W/W	3.20
Rated Power Input	W	2,200	
Rated Current	A	10.0	
Starting current	A		
Compressor	Model		KSN98D13UEZ32
	Type		ROTARY
	Brand		GMCC
	Capacity	W	1915/3050±3%
	Input	W	310/800±3%
	Rated current(RLA)	A	2.35/4.95±3%
	Locked rotor Amp(LRA)	A	/
	Thermal protector		/
	Thermal protector position		/
	Capacitor	µF	/
Refrigerant oil/oil charge	ml	POE VG74 280±10 ml	
Indoor fan motor	Model		ZKFP-31-8-1L
	Input	W	31
	Capacitor	µF	/
Indoor coil	Speed(Hi/Mi/Lo)	r/min	1020/890/820
	a.Number of rows		1
	b.Tube pitch(a)x row pitch(b)	mm	18x17.3
	c.Fin spacing	mm	1.3
	d.Fin type (code)		Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ50 inner groove tube
	f.Coil length x height x width	mm	620x72x17.3+620x108x23.2+620x108x17.3
g.Number of circuits		2	
Indoor air flow (Hi/Mi/Lo)	m3/h	112/200/247/347/436	
Indoor noise level (Hi/Mi/Lo)	dB(A)	46/39/32/24/20	
Indoor unit	Dimension(W*D*H)	mm	813.00×201.00×289.00
	Packing (W*D*H)	mm	870×270×365
	Net/Gross weight	kg	7.4/9.7
Outdoor fan motor	Model		ZKFN-25-10-6L
	Input	W	25
	Capacitor	µF	/
	Speed	r/min	810/700/600
Outdoor coil	a.Number of rows		1.0
	b.Tube pitch(a)x row pitch(b)	mm	18x17.3
	c.Fin spacing	mm	1.3
	d.Fin type (code)		Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ50 inner groove tube
	f.Coil length x height x width	mm	695x468x17.3
	g.Number of circuits		3
Outdoor air flow	m3/h		
Outdoor noise level	dB(A)		56.0
Outdoor unit	Dimension(W*D*H)	mm	720.00×270.00×495.00
	Packing (W*D*H)	mm	835×300×540
	Net/Gross weight	kg	20.4/22.3
Refrigerant type	kg		R32/0.490
Design pressure	MPa		4.3 / 1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in) / 9.52mm(3/8in)
	Max. refrigerant pipe length	m	25
	Max. difference in level	m	10
Connection wiring			1.5x5
Plug type			//no-plug
Thermostat type			(Remote Control)
Operation temperature	°C		17~30
Room temperature	Indoor(cooling/ heating)	°C	16~32 / 0~30
	Outdoor(cooling/heating)	°C	-15~50 / -20~24
Application area (Cooling Standard)	m2		16 ~23
Qty' per 20' 40' /40' HQ			130/275/310

## Features



## Appearance

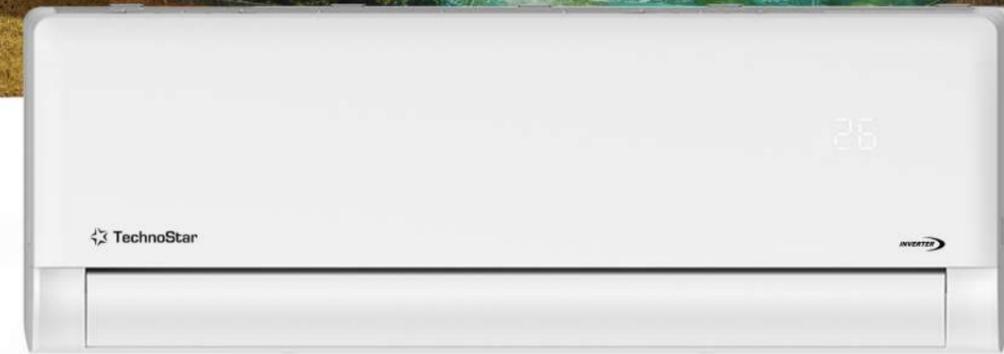


## Turbo Mode

With one finger touch, the Turbo Mode can be activated. Under this mode, the blower wheel runs at the full-speed sprint to bring strongest cool airflow, dropping room temperature down instantly.

## Dual Filtration

The Dual Filtration system thoroughly eliminates harmful substances in two successive steps, providing fresh and clean air to you.



## Wall Split

Residential series **INVERTER**

## ThermoStatic Technology



Thanks to the precise control of the Inverter Quattro™'s micro-chip, the air conditioner can easily maintain the desired temperature by varying the compressor speed without repeatedly turning on and off, keeping you feel comfortable with steady temperature within ±0.5°C.

