

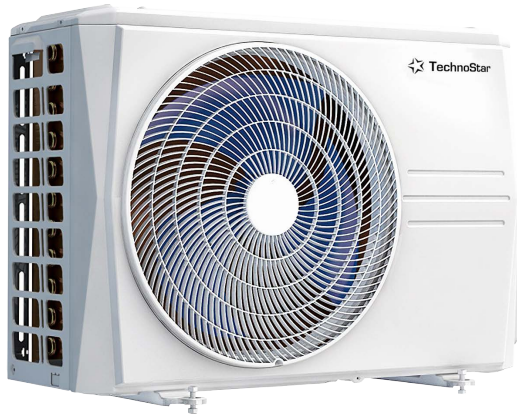
# MINI SPLIT SYSTEMS

 TechnoStar

PREMIER SERIES

HIGH WALL

## Superior Performance with Outstanding Efficiency for Single Zones.



### KEY FEATURES:



#### ENERGY STAR

The Premier Inverter optimizes energy usage with systems exceeding ENERGY STAR energy efficiency and performance requirements. The result is lower electric bills along with exceptional cooling and heating.

#### EXTRA LOW TEMPERATURE HEATING

When it's cold outside it's warm inside, Premier Mini-Splits are a primary heat source, with heat output down to -13F.

#### DIAMOND OUTDOOR UNIT

Innovative outdoor unit reduces noise level by more than 3dB, with higher reliability, easier maintenance and improved performance.

#### GREEN FIN ANTI-CORROSIVE COATING

An anti-corrosive coating on the condenser stands up to harsh weather, salty air and the elements, preventing build up of corrosive mold and bacteria while improving heat transfer efficiency.

#### POWERFUL WARRANTY

TechnoStar stands behind your investment a 7-year compressor, 5-year parts standard warranty.

### STANDARD FEATURES

- Two-Way Draining
- Optional Wi-Fi Kit
- Refrigerant Leakage Detection
- Mono & Multi Compatible
- Low & High Ambient Cooling
- Chassis & Compressor Heating Belts
- Auto Defrosting
- 24-Hour Timer
- Auto Restart Function

# MINI SPLIT SYSTEMS



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## HIGH WALL

### SPECIFICATIONS:

Model		ON / OFF		INVERTER	
		TAB-30HRN1		TAB-36HRN1	
Power supply		Ph-V-Hz	220V,1Ph,50Hz	220-240V,1Ph,50Hz	208/230V,1Ph,60Hz
Rated Cooling	Capacity	Btu/h	30000	36000	36000
Cooling Power input		W	2580	3120	2710
Cooling Current		A	12,00	14,50	12,1
Rated Heating	Capacity	Btu/h	27300	37000	34500
Heating Power input		W	2280	3080	2740
Heating Current		A	11,00	14,30	12,3
Max. input consumption		W	4000	3978	4300
Max. current		A	22	17.8	20
Starting current		A	58	/	/
Compressor	Model		PA291X3CS-7MTM	ATQ390V1UMT	ATH307CDRC8DUL
	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	HIGHLY
	Capacity	W	7300	9850/9960	8610
	Input	W	2450	3230/3375	2660
	Rated current(RLA)	A	10.95	14.7/14.8	9.5
	Locked rotor Amp(LRA)	A	58	74	/
	Thermal protector		/	UP14SE5145-K	/
	Thermal protector position		INTERNAL	INTERNAL	NA
Capacitor	µF	60.0	70.0	/	
Refrigerant oil/oil charge	ml	RB75EA/950	VG74/1200	RMM68EA/1050	
Indoor fan motor	Model		YKFG-60-4-2-6	YKFG-60-4-2	ZKFP-58-8-1-5
	Input	W	100.0	100.0	58.0
	Capacitor	µF	3.5	3.5	/
	Speed(Hi/M/Lo)	r/min	1180/1080/900	1210/1080/900	1250/1050/950
Indoor coil	a.Number of rows		2.0	3.0	3.0
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.2	1.3	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	965x189x26.74+965x84x26.74+945x147x26.74	965x126x40.11+965x126x40.11+945x126x40.11	(1040x126x40.11)x2+1020x147x40.11
	g.Number of circuits		5	7	7
Indoor air flow (Hi/M/Lo)	m3/h	1450/1300/1050	1370/1200/980	1441/1244/1100	
Indoor noise level (Hi/M/Lo)	dB(A)	49.5/46.5/40.0	50.8/47.1/41.7	51/46.5/43.5	
Indoor unit	Dimension(W*D*H)	mm	1259x282x362	1259x282x362	1350x272x365
	Packing (W*D*H)	mm	1340x450x385	1340x450x385	1475x460x380
	Net/Gross weight	Kg	20.1/25.9	21.8/27.6	21.3/27.6
Outdoor fan motor	Model		YKT-60-6-40-7	YKT-60-6-40	ZKFN-120-8-2
	Input	W	133.0	133.0	150.0
	Capacitor	µF	5	5	/
	Speed	r/min	870	870/820	950/850/750
Outdoor coil	a.Number of rows		1.6	3.0	3
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.4	1.4	1.4
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	1010x756x13.37+598x756x13.37	1000x756x40.11	1000x756x13.37+980x756x13.37
	g.Number of circuits		6	6	6
Outdoor air flow	m3/h	3686	3575	3800	
Outdoor sound pressure level	dB(A)	58.5	62.1	61.5	
Outdoor sound power level	dB(A)	/	/	/	
Outdoor unit	Dimension(W*D*H)	mm	946x410x810	946x410x810	946x410x810
	Packing (W*D*H)	mm	1090x500x885	1090x500x885	1090x500x885
	Net/Gross weight	Kg	62.5/68.5	70.1/76.5	64.8/69.5
Refrigerant	Type		R410A	R410A	R410A
	Charged quantity	Kg	2.2	2.65	2.8
Design pressure	MPa		4.8/1.5	4.2/1.5	///
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/19mm(3/4in)
	Max. refrigerant pipe length	m	25	25	50
	Max. difference in level	m	10	10	25
Connection wiring			1.0x4//	///	1.0x4//
Plug type			//no-plug	//no-plug	//no-plug
Thermostat type			(Remote Control)	(Remote Control)	(Remote Control)
Room temperature	Indoor(cooling/heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	°C	18~54/-7~24	18~43/-7~24	0~52/-15~30
Application area (Cooling Standard)	m2		36~53	45~66	45~66
Qty/per 20' /40' /40'HQ			36/76/88	36/76/88	36/73/90