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| 
Easy
Installation | 
Emergency Using | 
Mute Operation | 
Refrigerant
Leakage Detect | 
High Density
Filter | 
Louver Position
Memory | 
12 Grades Indoor
Fan Speeds |
| 
Manual ON/OFF | 
1W Standby | 
Low Ambient
Cooling | 
2-way
Draining | 
Mono & Multi
Compatible | 
5 Grades Outdoor
Fan Speeds | 
Anti-cold
Air Function |

CATALOG AND FEATURES

2023

Clima Smart Mini-Split AC

T-Pro 23 SEER Series* COOL & HEAT

- 9K-24K Energy star & Neep models
- SEER 23 All are upgraded to SEER2
- Detachable bottom plate for easy installation
- Quick replacement PCB for easy maintenance
- Comfortable gentle cool air flow
- Rapid cooling up to 30 seconds
- 131°F strong cooling in high ambient temp.
- Low ambient heating -13°F
- 133°F high temperature self cleaning and sterilization
- DIY Guidance Card
- 4way air flow
- Anti cold air
- Sleep mode
- Eco mode



Smart Control of Air Conditioner

*Optional



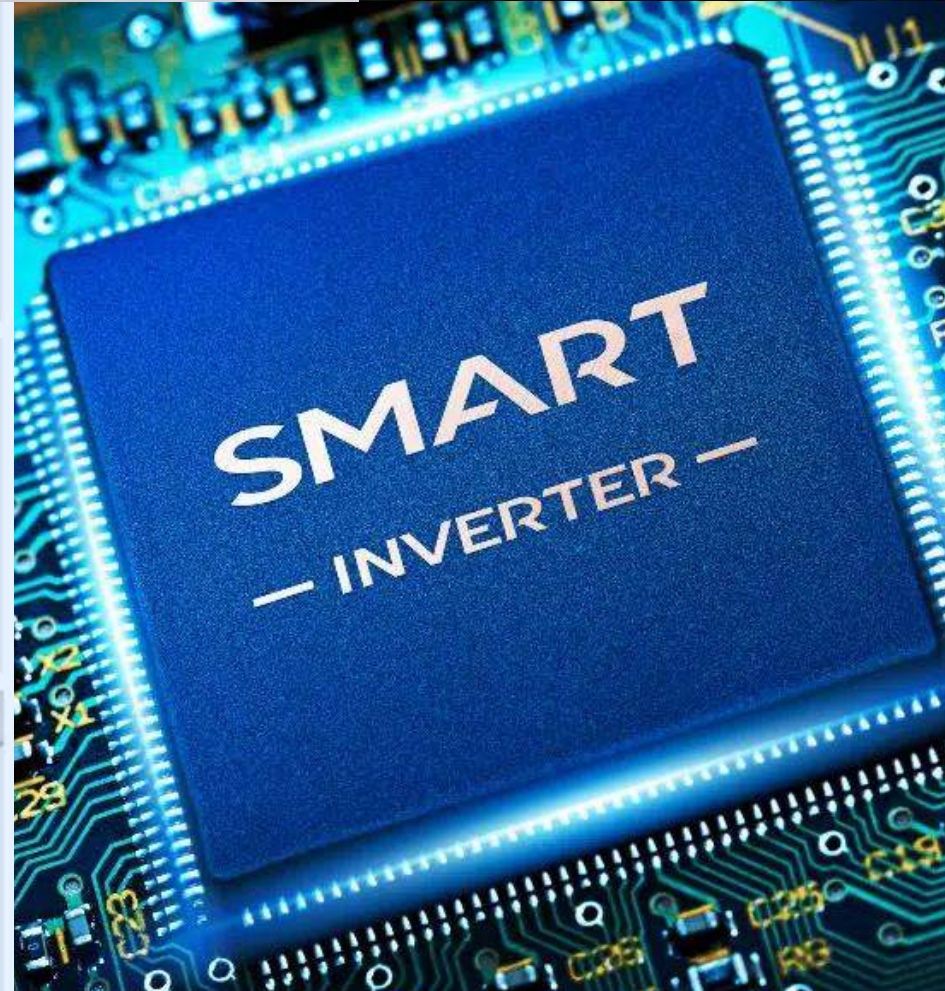
Easy Installation



Easy Assembly



Easy Maintenance





23 SEER Technical Specifications (T series)

Model			MCH12-CS-S23	MCH18-CS-S23	MCH24-CS-S23
			Z2U20101007160	Z2U20101007127	Z2U20101007062
Type			cooling&heating	cooling&heating	cooling&heating
Control type			remote	remote	remote
Power supply			115V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P
Rated Cooling (95F/35C)	Rated cooling capacity	Btu/h	12000	18000	23000
	EER2	Btu/W.h	12.5	13.0	12.5
	SEER2	Btu/W.h	22.0	22.0	20.0
Rated Heating	Rated Heating capacity(47F/8.3C)	Btu/h	12000	18000	24000
	Rated Heating capacity(17F/-8.3C)	Btu/h	7500	10000	14000
	Max. Heating capacity(19F/-7C)	Btu/h	10000	14000	18000
	Max. Heating capacity(5F/-15C)	Btu/h	8700	11900	16000
			72.5%	66.1%	66.7%
	HSPF2 (Region IV)	Btu/W.h	9.0	8.8	8.8
	HSPF2 (Region V)	Btu/W.h	7.8	7.6	7.6
	COP2	W/W	3.5	3.5	3.2
Rated Input Consumption	Cooling	W	920	1350	1920
	Heating	W	910	1310	2050
Rated Current	Cooling	A	8.2	6.1	8.6
	Heating	A	8.2	5.9	9.2
Min. Circuit Ampacity		A	17	13	19
MXimum Fuse Size		A	25.0	20.0	30.0
MXimum Operation Pressure		PSIG	550	550	550
Moisture removal		Liters/h	1.6	2.2	2.6
Indoor airflow		m3/h	800/650/500	1250/1050/900	1250/1050/900
	1cfm≈1.7m3/h	CFM	471/382/294	735/618/529	735/618/529
Indoor noise level at cooling	Turbo/High/Med./Low/Mute		45/39/34/29/27	48/45/40/35/31	51/48/43/38/35
Outdoor airflow		m3/h	2100	3300	4500
	1cfm≈1.7m3/h	CFM	1235	1941	2647
Outdoor noise level		dB(A)	52	52	58
Connecting Pipe	Gas	inches	3/8"	1/2"	5/8"
	Liquid	inches	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core number		4×16AWG	4×16AWG	4×16AWG
Suitable area		sq.ft	Up to 550	Up to 1000	Up to 1500
Net dimensions (W x D x H)	Indoor	mm	920×306×195	1100×333×222	1100×333×222
		inch	36.22×12.05×7.68	43.31×13.11×8.74	43.31×13.11×8.74
	Outdoor	mm	728×305×550	845×380×699	910×397×805
		inch	28.66×12.01×21.65	33.26×14.96×27.51	35.83×15.63×31.69
Net weight	Indoor	kg	10.5	14	14
		lbs	23.1	30.9	30.9
	Outdoor	kg	27.4	38.5	47.5
		lbs	60.4	84.9	104.7
Indoor Packing dimensions (W x D x H)		mm	990×380×265	1165×405×295	1165×405×295
		inch	38.98×14.96×10.43	45.87×15.95×11.61	45.87×15.95×11.61
Outdoor Packing dimensions (W x D x H) (without pipe with less accessory parts)		mm	840×340×605	960×430×750	1028×485×850
		inch	33.07×13.39×23.82	37.79×16.92×29.53	40.47×19.09×33.46
Outdoor Packing dimensions (W x D x H) (with 5m pipe)		mm	852×358×610	960×430×750	1028×485×850
		inch	33.54×14.09×24.02	37.79×16.92×29.53	40.47×19.09×33.46
Outdoor Gross weight with 5m pipe		kg	31.7	44.5	57
		lbs	69.9	98.1	125.7
*** Indoor Unit ***					
Indoor Motor	Motor Brand		Weilling	Broad-Ocean	Broad-Ocean
*** Outdoor Unit ***					
Refrigerant	Type		R410a	R410a	R410a
	g		1200	1430	1850
	1oz=28.35g		ozs	42.33	50.44
Compressor	Brand		GMCC	GMCC	SANYO
Outdoor Motor	Motor Brand		Weilling	Broad-Ocean	Broad-Ocean
Factory Refrigerant charge(7.5m pipe)		g/oz	1200g/42.33ozs	1430g/50.44ozs	1850g/65.26ozs
Factory Precharge Line		(m/ft)	7.5 / 25	7.5 / 25	7.5 / 25
MXimum Line Length		(m/ft)	15 / 50	20 / 65	20 / 65
MXimum Height Difference Between Indoor and Outdoor		(m/ft)	10 / 33	15 / 49	15 / 49
Additional refrigerant charge		(g/m, oz/ft)	20 / 0.22	20 / 0.22	20 / 0.22
Operation temperature		℃	16~31	16~31	16~31
Ambinet temperature	Indoor(cooling/ heating)		℃	>=17/<=30	>=17/<=30
	Outdoor(cooling/heating)		℃	-15~55/-25~30	-15~55/-25~30
Ambinet temperature	Indoor(cooling/ heating)		F	>=62/<=86	>=62/<=86
	Outdoor(cooling/heating)		F	5~131/-13~86	5~131/-13~86

Long Distance Air Supply



Shower-style Air Supply
In Cooling Mode

Blanket-style Air Supply
In Heating Mode

Mini-Split AC

T-Pro 23 SEER Series* COOL & HEAT

Capacity	Voltage	Cooling Capacity	Heating Capacity	SEER2	HSPF2 IV	HSPF2 V	EER2	COP2	COP
	(V)	(Btu/h)	(Btu/h)	(Btu/W.h)	(Btu/W.h)	(Btu/W.h)	(Btu/W.h)	(W/W)	(5°F/-15°C)
12K Btu/h	115V	12000	12000	22	9	7.8	12.5	3.5	1.8
18K Btu/h	230V	18000	18000	22	8.8	7.6	13	3.5	1.8
24K Btu/h	230V	23000	24000	20	8.8	7.6	12.5	3.2	1.8



CONFORME TO ALL APPLICABLE CERTIFICATION STANDARDS



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