



The new degree of comfort.™

DUCT FREE MINI SPLIT WALL MOUNT TYPE

HIGH EFFICIENCY WITH R410A ENVIRONMENT FRIENDLY REFRIGERANT



Indoor Unit:

- **Cabinet:** Attractively designed heavy plastic and back plate from heavy gauge electrolytic zinc coated steel.
- **Exceptionally Quiet Operation:** Ultra balanced centrifugal fans and special motors assure whisper-quiet performance.
- **High Performance Coils:** Copper tubes are bonded to aluminium fins for high heat transfer efficiency.
- **Infrared remote control with LCD display.**
- **3 Speed fan**
- **Easy for installation and Service:** Fan motors, blowers and controls are easily accessible through the decorative return air grille. Flare type refrigerant connections provide easy installation. Electrical wiring and piping is possible from back and side of the unit.

Condensing Unit:

- The compressors are hermetically sealed and incorporate internal high temperature motor overloaded protection and durable insulation on the motor windings.
- Cabinet is constructed of powder coated galvanized steel.
- Copper tube / Aluminium fin coils used for all models.
- Service valves are standard on all models.
- Power and control wiring are kept separate.
- Every unit is factory charged and leak tested.
- Powder coated base plate for extra corrosion resistance for SALC series.
- Heavy galvanized base plate for SAGL series.

Specifications:

Model		SMLW012T SALC-012	SMLW018T SAGL-018	SMLW024T SAGL-024	SMLW030T SAGL-030
COOLING CAPACITY @ *	Btu/hr	12000	15500	22000	27000
COOLING CAPACITY @ **		10000	12900	19000	22500
COOLING CAPACITY @ ***		9000	11500	17500	21000
POWER INPUT ⁽¹⁾ @ *	Kw	0.91	1.13	1.61	1.76
POWER INPUT ⁽¹⁾ @ **		1.11	1.43	2.07	2.26
POWER INPUT ⁽¹⁾ @ ***		1.08	1.42	2.11	2.23

High wall mounted Indoor unit (R-410A)						
Indoor model			SMLW012T	SMLW018T	SMLW024T	SMLW030T
AIR FLOW (HI / MED / LOW) ⁽²⁾		CFM	360 / 310 / 250	560 / 410 / 365	700 / 640 / 560	835 / 650 / 480
POWER SUPPLY		V-Ph-Hz	220-1-50			
FAN		MATERIAL	PLASTIC			
		TYPE	CROSS FLOW FAN			
		Q'TY	1	1	1	1
BLOWER MOTOR	TYPE		PERMANENT SPLIT CAPACITOR			
	Q'TY		1	1	1	1
	POWER INPUT	WATT	33	65	76	94
EXPANSION DEVICE TYPE			FLOW CHECK ORIFICE			
AIR FILTER	TYPE	WASHABLE	PLASTIC			
EVAPORATOR	NUMBER OF ROW	N	2	2	2	2
	TUBE PITCH x ROW PITCH	INCH	12.5 x 25.5	14.2 x 30.1	16.5 x 35.5	17.5 x 42.0
	FIN PER INCH	N	15	17	17	18
	FIN TYPE	ALUMINIUM	SLIT FINS			
	TUBE TYPE	COPPER	INNER GROOVE			
	TUBE OUTSIDE DIAMETER	MM	7	7	7	7
	COIL AREA	M ² / FT ²	0.12 / 2.21	0.27 / 2.98	0.37 / 4.06	0.40 / 4.41
CONNECTION	SUCTION	INCH	1/2	1/2	5/8	3/4
	LIQUID	INCH	1/4	1/4	1/4	1/4
	DRAIN	INCH	7/8	7/8	7/8	7/8
DIMENSION	W x D x H	MM	845 x 180 x 275	940 x 200 x 298	1178 x 253 x 326	1350 x 260 x 330
WEIGHT		KG	10.0	12.5	17.5	20.0

Matching Condensing unit (R-410A)						
Outdoor model			SALC-012	SAGL-018	SAGL-024	SAGL-030
DISCHARGE DIRECTION			SIDE DISCHARGE	TOP DISCHARGE		
TYPE			COOLING ONLY			
POWER SUPPLY		V-Ph-Hz	220/240-1-50			
COMPRESSOR	RATED LOAD AMP. (RLA)	A	5.8	7.9	10	12.5
	LOCKED ROTOR AMP. (LRA)	A	26	44	52	60
MCA (MAIN CIRCUIT AMP)		A	10	12	17	19
FUSE SIZES	MIN	A	15	15	30	30
	MAX	A	15	15	30	30
OUTDOOR FAN MOTOR	RATED LOAD AMP. (RLA)	A	0.47	0.6	0.6	0.8
CONDENSER FAN BLADE		TYPE	METALLIC - PROPELLER			
CONDENSER	NUMBER OF ROW	N	2	1	1	1
	COIL AREA	M ² / FT ²	0.41 / 4.41	1.03 / 11.10	1.03 / 11.10	1.27 / 13.67
OUTDOOR AIR FLOW		CFM (LPS)	1050 (495)	1573 (742)	1573 (742)	2362 (1142)
OUTDOOR NOISE LEVEL		dB(A)	60	70	70	69
DIMENSION	W x D x H	MM	857 x 353 x 592	600 x 600 x 616	600 x 600 x 616	702 x 702 x 616
WEIGHT		KG	46.0	57.2	57.2	65.3
REFRIGERANT CHARGE		OZ	56	61	70	78
REFRIGERANT PIPE	LIQUID LINE	INCH (MM)	3/8 (9.53)	3/8 (9.53)	3/8 (9.53)	3/8 (9.53)
	SUCTION LINE	INCH (MM)	5/8 (15.88)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)

*@ 95°F outdoor DB temperature, 80/67°F indoor on-coil DB/WB temperature
 **@ 115°F outdoor DB temperature, 80/67°F indoor on-coil DB/WB temperature
 ***@ 115°F outdoor DB temperature, 76/63°F indoor on-coil DB/WB temperature

(1) Power input for outdoor units only.
 (2) All capacities are based on high speed air flow.