

L-APEX Mini Split R32 – Heat Pump Inverter

Product features:

- Smart Wi-Fi Control – Remote access via mobile devices for convenience and intelligent operation.
- Sleep Mode – Automatic temperature adjustments for comfort throughout the night.
- 55°C High Temperature Self-Cleaning – Cleans and sterilizes the evaporator for healthier air.
- Healthy Multi-Layer Filters – Active Carbon, Silver Ion, Vitamin C, Catechin, Photocatalyst filters.
- Intelligent Defrost Function – Ensures reliable heating performance in low temperatures.
- Low Temperature Heating – Effective operation down to -15°C (5°F).
- Chassis Heating Belt & Efficient Compressor – Prevents frost build-up and ensures performance.
- Turbo Mode & Auto Swing – Fast cooling and optimized airflow.
- Leakage Detector & Fireproof Electrical Box – Enhanced safety protection.
- User-Friendly Display – Switchable °C/°F temperature reading.

Benefits

- Year-Round Comfort – Cooling in hot climates and strong heating in temperatures as low as -15°C.
- Healthier Living – Advanced filtration and sterilization features provide clean, fresh indoor air.
- Energy Efficiency – High SEER2 rating (up to 18) reduces energy bills and environmental impact.
- Convenience & Control – Wi-Fi integration and smart app management keep users connected anytime, anywhere.
- Durability & Reliability – Intelligent defrost and robust compressor technology ensure consistent performance.
- Safe & Secure – Multiple protection systems for peace of mind.

Applications

- Residential spaces (apartments, houses, vacation homes)
- Small commercial offices or shops
- Hospitality (hotel rooms, lobbies, small meeting spaces)
- Health & wellness centers requiring air purity
- Areas with extreme temperature conditions (-15°C to 50°C)



Technical Specifications (Key Models)

Model	Cooling Capacity (Btu/h)	Heating Capacity (Btu/h)	SEER2	HSPF2 (Region IV)	Indoor Noise (dB)	Outdoor Noise (dB)	Indoor Dimensions (mm/in)	Outdoor Dimensions (mm/in)
LMSHP-12BTR32/17SR	12,000	12,000	17	9	29–42.9	53	840×315×260 (33.07×12.4×10.23)	818×325×515 (32.20×12.80×20.27)
LMSHP-12BTR32/16SR	12,000	12,000	16	9	33–45	55	840×315×260 (33.07×12.4×10.23)	818×325×538 (32.20×12.80×21.18)
LMSHP-18BTR32/17SR	17,000	17,000	18	10.5	32–49	57	979×372×277 (38.54×14.64×10.90)	852×358×610 (33.54×14.09×24.02)
LMSHP-24BTR32/17SR	24,000 (5,120–24,500)	24,000	18	8.64	39–47	55	1096×390×300 (43.15×15.35×11.81)	900×405×655 (35.43×15.94×25.79)



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Model			LMSHP-12BTR32/17SR-10V	LMSHP-12BTR32/16SR	LMSHP-18BTR32/17SR	LMSHP-24BTR32/17SR
Power supply			115V~ /60Hz/1P	208/230V~ /60Hz/1P	208-230V~ /60Hz/1P	208/230V~ /60Hz/1P
Rated Cooling (95F/35C)	Rated cooling capacity (95F/35C)	Btu/h	12000	12000	17000	24000(5120~24500)
	EER2 (95F/35C)	Btu/W.h	10.236	9	9.5	3
	SEER2	Btu/W.h	17	16	18	18
Rated Heating	Rated Heating capacity(47F/8.3C)	Btu/h	12000	12000	17000	24000
	HSPF2 Rating (Region IV)	Btu/W.h	9	9	10.5	8.64
	HSPF2 Rating (Region V)	Btu/W.h	7.2	7.2		3.5
	COP2 (47F/8.3C)	W/W	35	3.2	3.5	3.5
	Max. Heating capacity (5°F/-15°C)	W/W	/	8700	10000	3633
	COP2 (5°F/-15°C)	W/W	/	1.8	2	2.05
Max. Fuse size		A	25	15	20	20
Moisture removal		Liters/h	1.3	1.3	1.6	2.4
Maximum Operation Pressure		PSIG	652	652	652	652
Indoor noise level at cooling	Turbo/High/Med./Low/Mute		42.9/40/36.1/33/29	45/42/39/35/33	49/45/43/40/37/34/32	47/45/39
Outdoor noise level		dB(A)	53	55	57	55
Indoor Packing dimensions (W x D x H)	mm		840×315×260	840×315×260	979×372×277	1096×390×300
	inch		33.07×12.4×10.23	33.07×12.4×10.23	38.54×14.64×10.90	43.15×15.35×11.81
Outdoor Packing dimensions (W x D x H) (with pipe)	mm		818×325×515	818×325×538	852×358×610	900×405×655
	inch		32.20×12.80×20.27	32.20×12.80×21.18	33.54×14.09×24.02	35.43×15.94×25.79
Factory Precharge Line		(m/ft)	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25
Maximum Line Length		(m/ft)	15 / 50	15 / 50	15 / 50	20 / 65
Maximum Height Difference Between Indoor and Outdoor		(m/ft)	10 / 33	10 / 33	10 / 33	15 / 49
Additional refrigerant charge		(g/m, oz/ft)	10 / 0.11	10 / 0.11	10 / 0.11	10 / 0.11
Operation temperature		°C	16~31	16~31	16~31	16~31
Ambinet temperature	Indoor(cooling/ heating)	°C	>=17/<=30	>=17/<=30	>=17/<=30	>=17/<=30
	Outdoor(cooling/heating)	°C	-15~50/-20~30	-15~50/-20~30	-15~50/-20~30	-15~50/-20~30
Ambinet temperature	Indoor(cooling/ heating)	F	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86
	Outdoor(cooling/heating)	F	5~122/-4~86	5~122/-4~86	5~122/-4~86	5~122/-4~86
Loading Capacity (INOOR)		40'HC/ 40'GP/ 20'GP	930/800/380	930/800/380	645/570/265	490/417/198
Loading Capacity (OUT-ETL)		40'HC/ 40'GP/ 20'GP(with pipe)	360/358/167	360/358/167	344/258/120	274/207/100
Loading Capacity (IN+OUT)		40'HC (with pipe)	288	288	230	180

