



Ceiling Cassette Indoor Unit Specifications

Mini-Split Air Conditioning and Heating

Dial Part Number		80231	80241	80251	80261
UPC		02652980231 4	02652980241 3	02652980251 2	02652980261 1
Dial Model		A2LCAS09NN230	A2LCAS12NN230	A2LCAS18NN230	A2LCAS24NN230
System	Air Conditioning Type	Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Application Room Size (sqft)	Up to 400	Up to 550	Up to 1000	Up to 1500
	Electrical Voltage, Frequency, Phase	208/230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P
	Compressor Motor Technology	Inverter	Inverter	Inverter	Inverter
	Controller Type	Wireless Remote Control Optional Wired Controller	Wireless Remote Control Optional Wired Controller	Wireless Remote Control Optional Wired Controller	Wireless Remote Control Optional Wired Controller
	Refrigerant	R454B	R454B	R454B	R454B
	Liquid Pipe (Diameter-inch)	1/4	1/4	1/4	1/4
	Suction Line (Diameter-inch)	3/8	3/8	1/2	5/8
Performance	Multi-Zone Cooling Capacity (BTU/H)	9000	12000	18000	24000
	Multi-Zone Heating Capacity (BTU/H)	9000	12000	18000	24000
	Single Zone Cooling Capacity (BTU/H)	9500	12500	18000	23000
	Single Zone Heating Capacity (BTU/H)	9500	12500	18000	25000
	SEER2 (Cooling) BTU/W.h	23.0	22.0	20.5	22.5
	HSPF2 (Heating) BTU/W.h Region IV / Region V	10.0 / 9.0	9.5 / 8.5	8.5 / 7.4	10.4 / 8.4
	EER2 (Cooling) BTU/W.h 95°F	12.5	11.7	11.7	11.7
	COP2 (Heating) W/W 47°F / 5°F	4.0 / 1.95	3.6 / 1.9	3.0 / 1.8	3.6 / 2.0
	Moisture Removal per Hr (Dehumidifier)	0.29gal	0.42gal	0.58gal	0.68gal
Indoor Unit	Dimensions (LxHxD) (inches)	22-1/2 × 22-1/2 × 9-5/8	22-1/2 × 22-1/2 × 9-5/8	22-1/2 × 22-1/2 × 9-5/8	33 × 33 × 9-5/8
	Weight (lbs)	31.9	31.9	31.9	51.8
	Panel Dimensions (LxHxD) (inches)	25-5/8 × 25-5/8 × 2-3/8	25-5/8 × 25-5/8 × 2-3/8	25-5/8 × 25-5/8 × 2-3/8	37-3/8 × 37-3/8 × 2-7/8
	Panel Weight (lbs)	6.0	6.0	6.0	13.2
	Airflow CFM (Turbo/High/Med/Low/Mute)	329/300/270/217/194	360/320/260/200/190	441/394/335/282/253	836/765/630/530/482
	Air flow (Direction) Vertical / 4-way	4-Way	4-Way	4-Way	4-Way
	Sound Level dB (A) (Turbo/High/Med/Low/Mute)	43/41/37/33/32	45/43/39/35/32	48/46/42/39/37	51/48/44/40/37
Electrical	Current Input Cooling (A)	3.3	4.3	5.9	8.7
	Current Input Heating (A)	3.1	4.2	7.1	8.5
	Power Input-Cooling (W)	750	980	1365	2000
	Power Input-Heating (W)	720	960	1640	1960
	Fuse Size	15A	15A	20A	25A
	Min Circuit Amp	10.0A	11.0A	12.0A	17.0A
Working Temperature Range	Cooling	5°F-131°F	5°F-131°F	5°F-131°F	5°F-131°F
	Heating	-13°F-86°F	-13°F-86°F	-13°F-86°F	-13°F-86°F
Approval & Certification	Industry Certification	ETL / AHRI	ETL / AHRI	ETL / AHRI	ETL / AHRI
	NEEP, Canada, Quebec, Nova Scotia	Yes	Yes	Yes	Yes
	Energy Saving Energy Star	Energy Star 6.2	Energy Star 6.2	Energy Star 6.2	Energy Star 6.2
Warranty	Parts (Years)	5	5	5	5