

ACiQ 14.3 SEER2 Air Conditioners



ACiQ 14.3 SEER2 Air Conditioners provide dependable, efficient home cooling by pairing durable outdoor condensers with matched multi-positional cased A-coils. They use eco-friendly R32 refrigerant, operate reliably across a wide temperature range, and feature compact coil designs that fit most standard furnace setups. Together, they deliver a balanced, cost-effective cooling solution built for long-term comfort.

System Type

14.3 SEER2 Air Conditioners

Cased Multi-Positional Evaporator A-Coil

AC-I-1824ACL-17

AC-I-3036ACL-17

AC-I-3036ACL-21

AC-I-4860ACL-21

AC-I-4860ACL-24

System Performance

Nominal Capacity	BTU/hr	18K/24K	30K/36K	30K/36K	48K/60K	48K/60K
Power Supply	V, Ph, Hz	220-230V, 1Ph, 60Hz	220-230V, 1Ph, 60Hz	220-230V, 1Ph, 60Hz	220-230V, 1Ph, 60Hz	220-230V, 1Ph, 60Hz
Refrigerant Type	Type	R32	R32	R32	R32	R32
Liquid Side Piping Size	inch	3/8"	3/8"	3/8"	3/8"	3/8"
Gas Side Piping Size	inch	3/4"	3/4"	3/4"	3/4"	3/4"
Dimensions (WxDxH)	inch	1752 x 21.02 x 18.00	1752 x 21.02 x 23.58	21.02 x 21.02 x 23.58	21.02 x 21.02 x 2780	24.50 x 21.02 x 2780
	mm	445 x 534 x 457	445 x 534 x 599	534 x 534 x 599	534 x 534 x 706	622 x 534 x 706
Net Weight/Gross Weight	lbs	42.0 / 50.0	59.5 / 68.0	64.0 / 74.0	81.0 / 92.0	97.0 / 115.0
	kg	19.0 / 22.5	27.0 / 30.9	29.2 / 33.6	36.8 / 41.9	43.9 / 52.2

Warranty

14.3 SEER2 Top-Discharge AC Cooling Only Condenser

AC-I-18AC14

AC-I-24AC14

AC-I-30AC14

AC-I-36AC14

AC-I-42AC14

AC-I-48AC14

AC-I-60AC14

System Performance

Cooling Capacity	BTU/hr	18000	24000	30000	35000	42000	46000	54000
SEER2	BTU/hr/W	14.3	14.3	14.3	14.3	14.3	13.8	13.8
EER2	BTU/hr/W	12.2	11.7	11.7	11.7	11.7	11.7	11.7
Power Supply	V, Ph, Hz	208/230V, 1 Ph, 60Hz	208/230V, 1 Ph, 60Hz	208/230V, 1 Ph, 60Hz	208/230V, 1 Ph, 60Hz	208/230V, 1 Ph, 60Hz	208/230V, 1 Ph, 60Hz	208/230V, 1 Ph, 60Hz
Voltage Range	V	187 ~ 253	187 ~ 253	187 ~ 253	187 ~ 253	187 ~ 253	187 ~ 253	187 ~ 253
Outdoor Min. Circuit Amps (MCA)	A	11	13	17	24	25	27	33
Outdoor Max. Overcurrent Protection (MOP)	A	15	20	25	30	35	40	50
"Outdoor Ambient Operating	°F	5°F ~ 131°F	5°F ~ 131°F	5°F ~ 131°F	5°F ~ 131°F	5°F ~ 131°F	5°F ~ 131°F	5°F ~ 131°F
Temperature Range (Cooling)"	°C	-15°C ~ 55°C	-15°C ~ 55°C	-15°C ~ 55°C	-15°C ~ 55°C	-15°C ~ 55°C	-15°C ~ 55°C	-15°C ~ 55°C
Outdoor Airflow	CFM	2000	2000	2650	2650	2950	2950	2950
Decibel Level	dBA	58	58	59	59	60	60	60
Compressor Type	Type	Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll
Refrigerant	Type	R32	R32	R32	R32	R32	R32	R32
Liquid Side Piping Size	inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Gas Side Piping Size	mm	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Refrigerant Piping Max. Length	ft	98	131	131	131	164	213	213
	m	30	40	40	40	50	64	64
Refrigerant Piping Max. Elevation/Height	ft	66	82	82	82	82	98	98
	m	20	25	25	25	25	30	30
Dimensions (WxDxH)	inch	23.62 x 23.62 x 25.00	23.62 x 23.62 x 25.00	29.13 x 29.13 x 25.00	29.13 x 29.13 x 25.00	29.13 x 29.13 x 32.87	29.13 x 29.13 x 32.87	29.13 x 29.13 x 32.87
	mm	600 x 600 x 635	600 x 600 x 635	740 x 740 x 635	740 x 740 x 635	740 x 740 x 835	740 x 740 x 835	740 x 740 x 835
Net Weight/Gross Weight	lbs	117.0 / 123.0	119.0 / 126.0	139.0 / 148.0	145.0 / 154.0	157.0 / 168.0	176.0 / 187.0	182.0 / 193.0
	kg	53.0 / 56.0	54.0 / 57.0	63.1 / 67.0	65.9 / 70.0	71.0 / 76.0	80.0 / 85.0	82.5 / 87.5

Warranty

12 Years Compressor and 7 Years Parts with Online Registration