

R-32 Split System

Air Handler

14.3SEER2
1½ to 5 Tons



Product Features

- ✓ Available in 1.5 to 5 ton capacities for a wide range of residential applications
- ✓ All sizes equipped with crankcase heater
- ✓ Air handler is equipped with ECM motor for efficient operation
- ✓ Factory-installed piston metering device provides reliable refrigerant flow control with a simple, durable design for consistent system operation
- ✓ 5KW-20KW Heat Kits Available

Product Specifications

MODEL		AC-I-18AH14	AC-I-24AH14	AC-I-30AH14	AC-I-36AH14	AC-I-42AH14	AC-I-48AH14	AC-I-60AH14
IDU Power Supply(Volts; Hz; Phase)		208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph	208/230V, 60Hz, 1Ph
Moisture removal	kg/h	1.7	2.2	2.8	3.4	4	4.5	5.2
Indoor MINIMUM CIRCUIT AMPACITY	A	3.5	3.5	5.0	5.0	7.0	7.0	7.0
Indoor MAX.FUSE	A	6.0	6.0	6.0	6.0	10.0	10.0	10.0
Communication Wiring		AWG 20×3 Shielded	AWG 20×3 Shielded	AWG 20×3 Shielded	AWG 20×3 Shielded	AWG 20×3 Shielded	AWG 20×3 Shielded	AWG 20×3 Shielded
Indoor fan motor RLA	A	1.29	1.78	2.23	2.23	3.48	3.48	5.40
Indoor Indoor air flow (High/Low)	m³/h	1105/714	1105/714	1615/884	1615/884	1870/1275	2873/1275	2958/1275
Indoor Indoor air flow (High/Low)	CFM	650/420	650/420	950/520	950/520	1100/750	1690/750	1740/750
Indoor noise level (High/Low)	dB(A)	38.5/34	38.5/34	40/36	40/36	53/46	53/46	53/46
N.A. Design pressure	PSI	609/174	609/174	609/174	609/174	609/174	609/174	609/174
Liquid side	in					3/8in		
Gas side	in					3/4in		
Max. refrigerant pipe length	m	29	39	39	39	49	64	64
Max. Piping Length	ft	98	131	131	131	164	213	213
Max. difference in level	m	20	25	25	25	25	29	29
Max. Height Difference	ft	66	82	82	82	82	98	98
Room temperature Indoor(cooling)	°C	17~32	17~32	17~32	17~32	17~32	17~32	17~32
Room temperature Outdoor(cooling)	°C	-5~52	-5~52	-5~52	-5~52	-5~52	-5~52	-5~52
Room temperature Indoor(heating)	°C	17~32	17~32	17~32	17~32	17~32	17~32	17~32
Room temperature Outdoor(heating)	°C	-20~30	-20~30	-20~30	-20~30	-20~30	-20~30	-20~30
Indoor Operating Temp. Range(Cooling)	°F	62.6~89.6	62.6~89.6	62.6~89.6	62.6~89.6	62.6~89.6	62.6~89.6	62.6~89.6
Indoor Operating Temp. Range(Heating)	°F	62.6~89.6	62.6~89.6	62.6~89.6	62.6~89.6	62.6~89.6	62.6~89.6	62.6~89.6
Indoor Unit Net/Gross weight	kg	51.5/57.5	51.5/57.5	62/68.5	62/68.5	75/83.5	75/83.5	75/83.5
Indoor Unit Net/Gross weight	lb	114/127	114/127	137/151	137/151	165/184	165/184	165/184
Indoor Body Dimension W×D×H	mm	445×534×1143	445×534×1143	534×534×1245	534×534×1245	622×534×1346	622×534×1346	622×534×1346
Indoor Unit Dimension WxDxH	inch	17-33/64×21-1/32×45	17-33/64×21-1/32×45	21-1/32×21-1/32×49-7/32	21-1/32×21-1/32×49-7/32	24-31/64×21-1/32×52-63/64	24-31/64×21-1/32×52-63/64	24-31/64×21-1/32×52-63/64
Indoor Item Package Dimension(W×D×H)	mm	530×675×1175	530×675×1175	620×675×1275	620×675×1275	708×675×1375	708×675×1375	708×675×1375
Indoor Package Dimension WxDxH	inch	20-55/64×26-37/64×46-17/64	20-55/64×26-37/64×46-17/64	24-13/32×26-37/64×50-13/64	24-13/32×26-37/64×50-13/64	27-7/8×26-37/64×54-9/64	27-7/8×26-37/64×54-9/64	27-7/8×26-37/64×54-9/64
Indoor Indoor Fan Motor Model		DQ-DZJ-249F-12-2	DQ-DZJ-249F-12-2	DQ-DZJ-373F-12-1	DQ-DZJ-373F-12-1	DQ-DZJ-560F-12-1	DQ-DZJ-560F-12-1	DQ-DZJ-560F-12-1
Indoor Output	W	180	180	420	420	520	560	560