

SUBMITTAL DATA SHEET

Series Name: 4-Way Cassette Evaporators

Model Number: CA09H525ZMI, CA12H525ZMI, CA18H525ZMI, CA24H525ZMI



4-Way Cassette Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



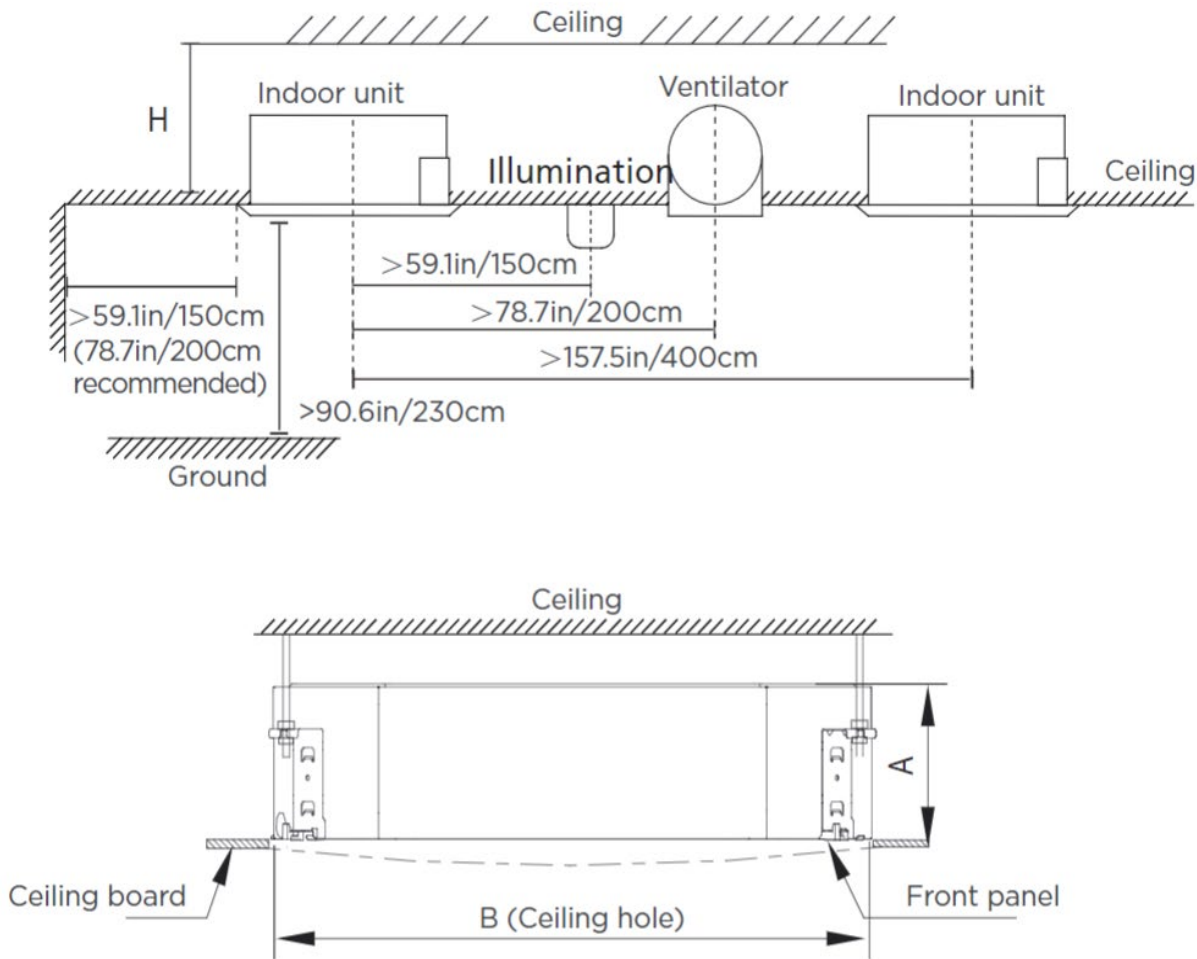
Features

- 360° Air Flow
- Remote on-off and alarm ports
- Refrigerant leakage detection sensor(Optional)
- Humidity sensor
- Built-in pump
- 1~100% fan speed setting
- WiFi capability: through WiFi dongle or wired controller with built-in WiFi
- OTA(by using WiFi dongle)
- 2-pin connector(HA/HB) for programmable wired controller
- Multiple control options available

Indoor Product Number		CA09H525ZMI	CA12H525ZMI	CA18H525ZMI	CA24H525ZMI
	V-Hz-Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph
Power Supply / Electrical Ratings					
Voltage range	V	187-253	187-253	187-253	187-253
Cooling Capacity	Btu/h	9000	12000	16800	24000
Cooling Input	W	629	968	1344	2000
Cooling Current	A	4.5	4.3	6.1	8.8
Indoor MINIMUM CIRCUIT AMP	A	3.00	3.00	3.00	3.00
Indoor MAX.FUSE	A	15	15	15	15
Outdoor MINIMUM CIRCUIT AMP	A	12.00	12.00	18.00	24.00
Outdoor MAX.FUSE	A	15	15	20	25
Connection wiring		14#x4	14#x4	14#x4	14#x4
National Certifications and Efficiency Ratings					
SEER2	Btu/h/W	21.6	21.1	20.7	22
EER2	Btu/h/W	14.3	12.5	12.5	12.0
HSPF2-4	Btu/h/W	11.3	10.4	11.4	10.5
HSPF2-5	Btu/h/W	8.8	7.9	8.5	8.1
COP	W/W	4.00	3.55	3.36	3.20
Refrigerant Piping					
Liquid side	inch	1/4in	1/4in	1/4in	3/8in
Gas side	inch	3/8in	3/8in	1/2in	5/8in
Max. refrigerant pipe length	m	25	25	30	50
Max. Piping Length	ft	82.00	82.00	98.40	164.00
Max. difference in level	m	15	15	20	25
Max. Height Difference	ft	49.20	49.20	65.60	82.00

Performance Capacity Ranges					
Cooling Capacity Range	Btu/h	3700~12000	3700~14000	5300~17800	12300~26800
Cooling Input (range)	W	220 ~ 1010	220 ~ 1160	490 ~ 1620	910 ~ 2570
Cooling Current(range)	A	1.6 ~4.4	1.8 ~5.1	2.2 ~7.1	4.0 ~11.3
Heating Capacity	Btu/h	10000	12000	18000	25000
Heating Input	W	733	991	1570	2268
Heating Current	A	3.3	4.3	7.2	10.2
Heating Capacity Range	Btu/h	4700~13700	4700~15000	7100~21500	11600~33100
Heating Input(range)	W	270 ~1110	270 ~1200	395 ~1930	640 ~2830
Heating Current(range)	A	1.4 ~4.9	1.4 ~5.3	2.1 ~8.5	3.5 ~12.4
Moisture removal	kg/h	0.74	1.10	2.05	2.56

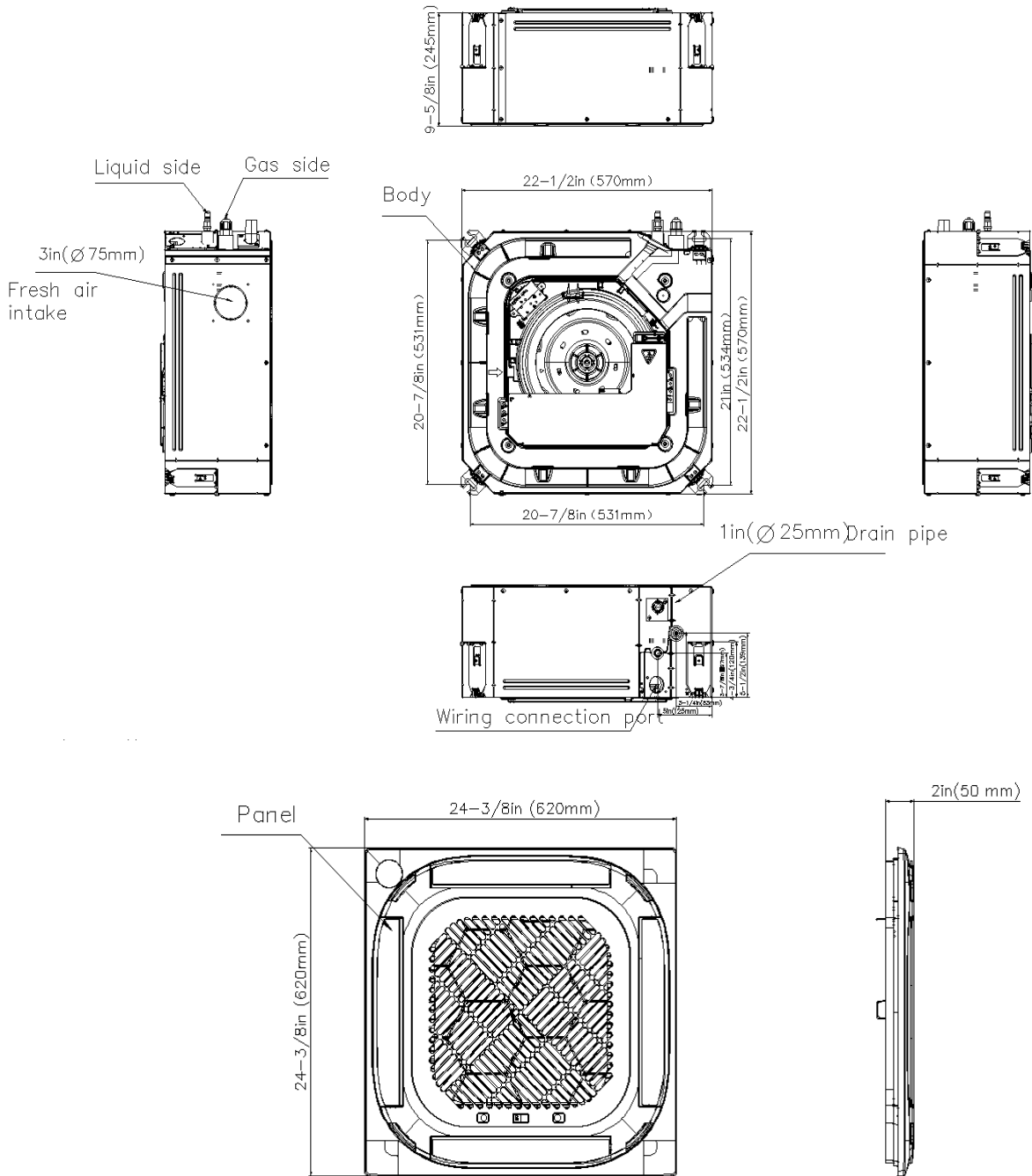
Installation Instruction



Distance from ceiling relative to height of indoor unit

MODEL	Length of A	Length of H	Length of B
9K/12K/18K	9.6in (245mm)	$>10.8\text{in}$ (275mm)	23.6in (600mm)
24K	8.03in (205mm)	9.06in (230mm)	35.4in (900mm)
36K	9.65in (245mm)	10.7in (271mm)	
48K	11.3in (287mm)	12.3in (313mm)	

Indoor Unit Dimension



Indoor Unit Specifications

Indoor	Indoor fan motor RLA	A	0.8	0.9	1.0	1.0
Indoor	Motor Speed(Hi/Mi/Lo)	r/min	600/530/380	700/600/400	800/750/700	624/568/426
Indoor	Air Flow (Turbo)	CFM	353.2	417.9	447.3	765.2
Indoor	air flow (Hi/Mi/Lo/Si)	CFM	312.0/264.9/182.5/147.2	364.9/306.1/194.2/147.2	388.5/317.8/194.2/147.2	706.3/635.7/547.4/N/A
Noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)		42.5/40/37.0/26.0/24.0	46/42.0/38.5/26.5/24.0	48/44.0/41.0/28.5/24.5	N/A/45.5/43.0/33.5/30.5
Operating Temp. Range(Cooling)			60 ~ 90	60 ~ 90	60 ~ 90	61~90
Operating Temp. Range(Heating)			32-86	32-86	32-86	32-86
Indoor Unit Dimension WxDxH	inch		22.44 x 22.44 x 9.65	22.44 x 22.44 x 9.65	22.44 x 22.44 x 9.65	32.68 x 32.68 x 8.07
Indoor Item Net/Gross weight	lb		35.27/41.89	35.27/41.89	35.27/41.89	47.18/59.08
N.A. Design pressure	PSI		550 / 340	550 / 340	550 / 340	550 / 340