

SUBMITTAL DATA SHEET

innovair®

M4 360° Cassette

Indoor	Controls	
		
	Remote Control (Included)	Wired Thermostat (Optional)

Indoor Key Features
• Factory installed R454B Leak Sensor • 360° Air Flow • Adjustable Vane from 0° to 75° and 18Ft Long Airflow • Drain Pump located Outside Air Channel for Easy Access • Individual Vane Control • Fresh Air Intake with New Fan connection port (CN8) to supply 220V • Built-in Drain pump with 39in lift • 5 Modes: Auto, Cool, Heat, Dry, Fan • Reserved Air Outlet for Duct • Other Included Modes: Sleep, Timer, Follow Me, Turbo, Eco • Built-in Wifi with app • *10 Year Warranty

Accessories

7 Day Programmable Thermostat Kit


Model	Description
17317100009536	• Direct wiring connection to M4 Series. No adapter needed • Large Display • Wi-Fi compatible with Amazon, Alexa, Google Home, Apple Home • Includes 19.5ft communication cable

24V Mini Adapter


Model	Description
17222000A68532	• Adapts M4 indoors to work with 24V thermostats • Compact Design for easy installation

Dr. Smart Diagnostic Tool


Model	Description
17222000A55927	• Diagnostic tool for SLIM & M4 Series • Real-Time System Communication & Simulations • Easy Navigation with Display • Lightweight with Built-in Magnets

* Warranty subject to terms and conditions. Customer is responsible for remaining up to date on all warranty requirements. Warranty is valid only when all conditions outlined in the official warranty documentation are met. Current warranty details available at <https://innovair.com/warranty/>

SUBMITTAL DATA SHEET



Series Name: M4 360° Cassette
Model Number: MCS09H2BHRB

M4 360° Cassette	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

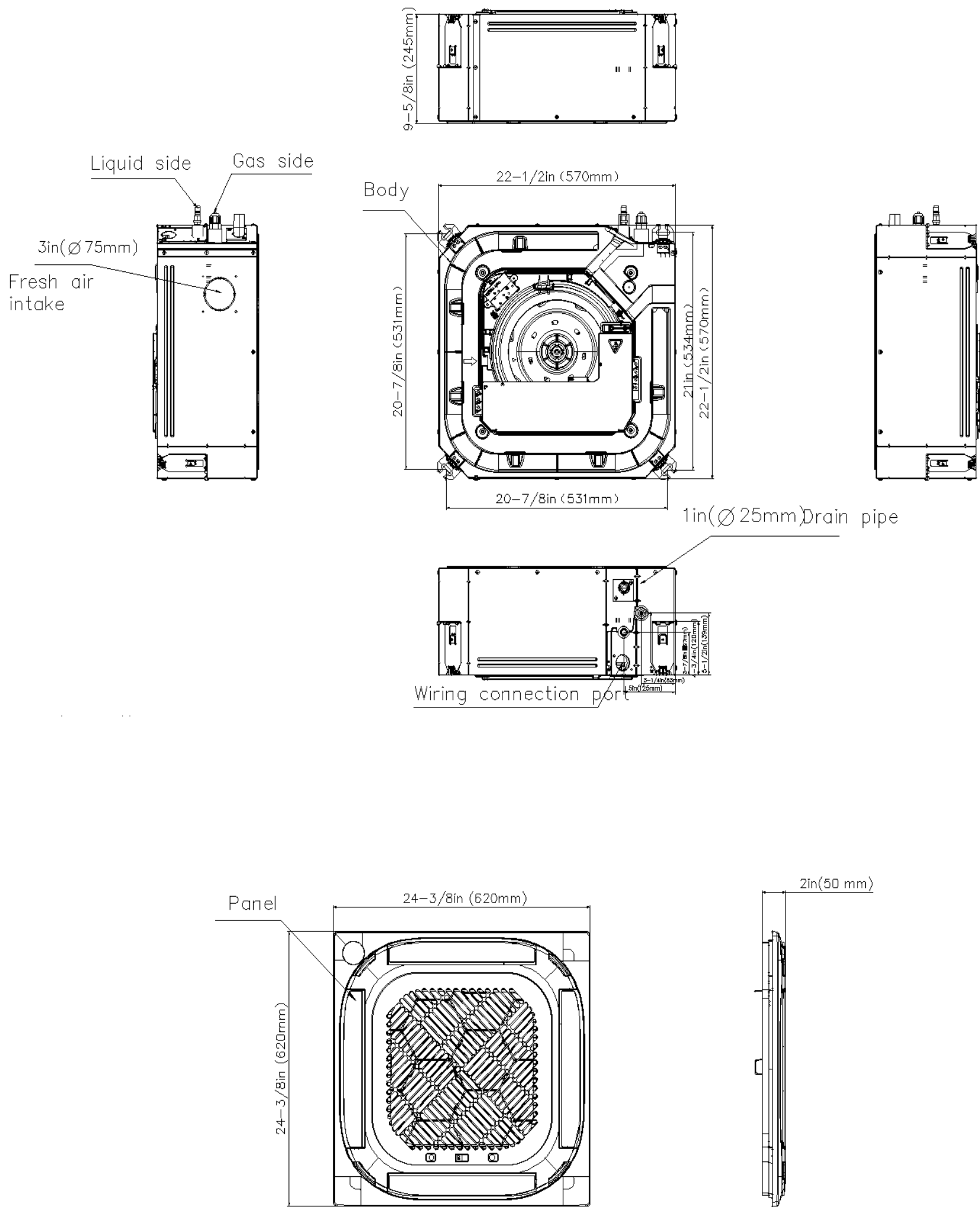


INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		353.2 / 312.0 / 264.9 / 182.5 / 147.2
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		42.5/40/37.0/26.0/24.0
Dimension (W×D×H)	inch	22.44 x 22.44 x 9.65
	mm	570.0×570.0×245.0
Package (W×D×H)	inch	28.15 x 25.20 x 11.61
	mm	715×640×295
Net/Gross Weight	lbs	35.27/41.89
	kg	16/19

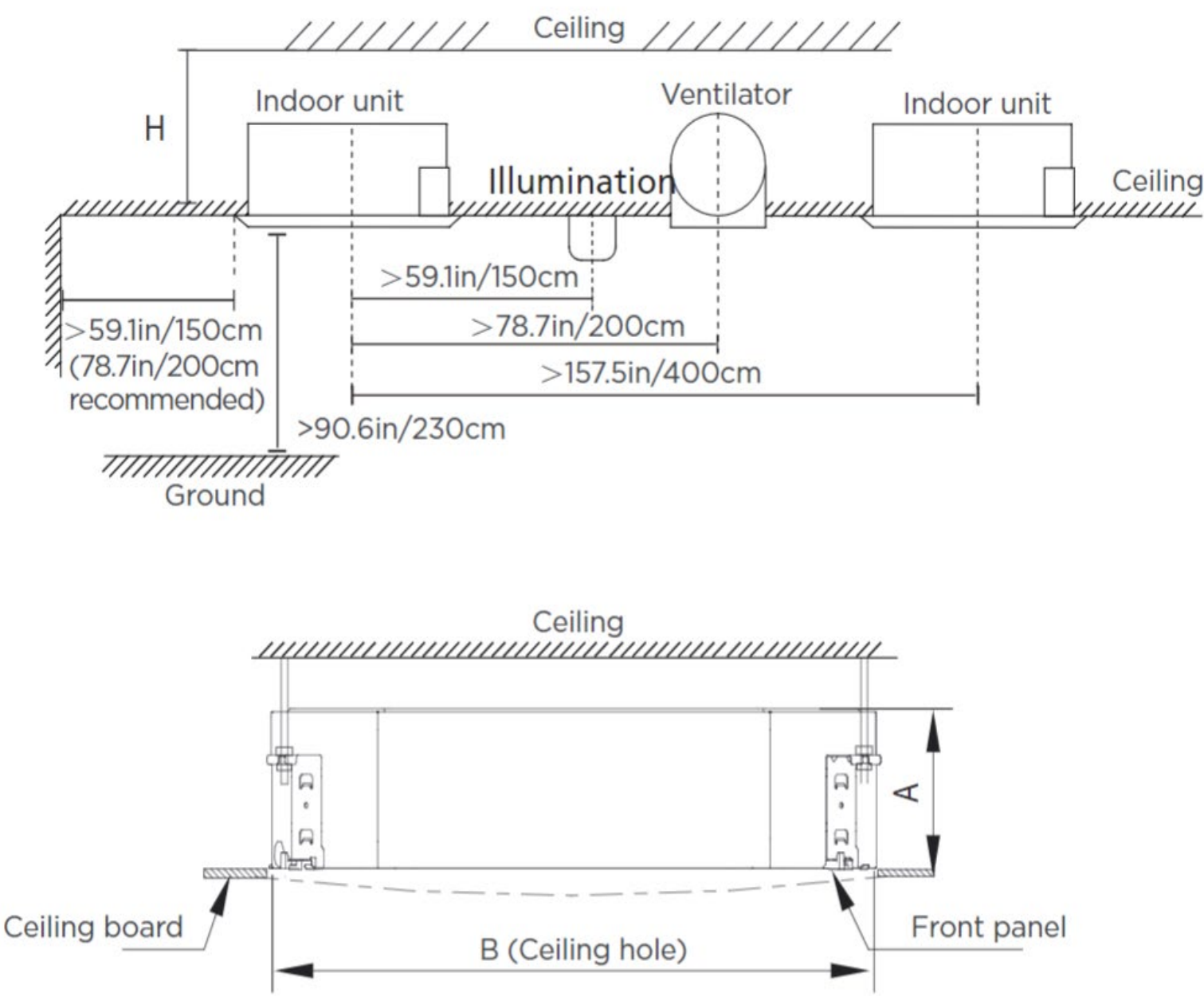
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
Indoor Fan Motor RLA	0.8
Indoor Fan Motor W	45

PIPING	
Throttle type(Indoor)	N/A
Liquid Size	6.35mm(1/4in)
Gas Size	9.52mm(3/8in)
Connection Method	Flared

Indoor Unit Dimension



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)	>10.8in (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)	

SUBMITTAL DATA SHEET



Series Name: M4 360° Cassette
Model Number: MCS12H2BHRB

M4 360° Cassette	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

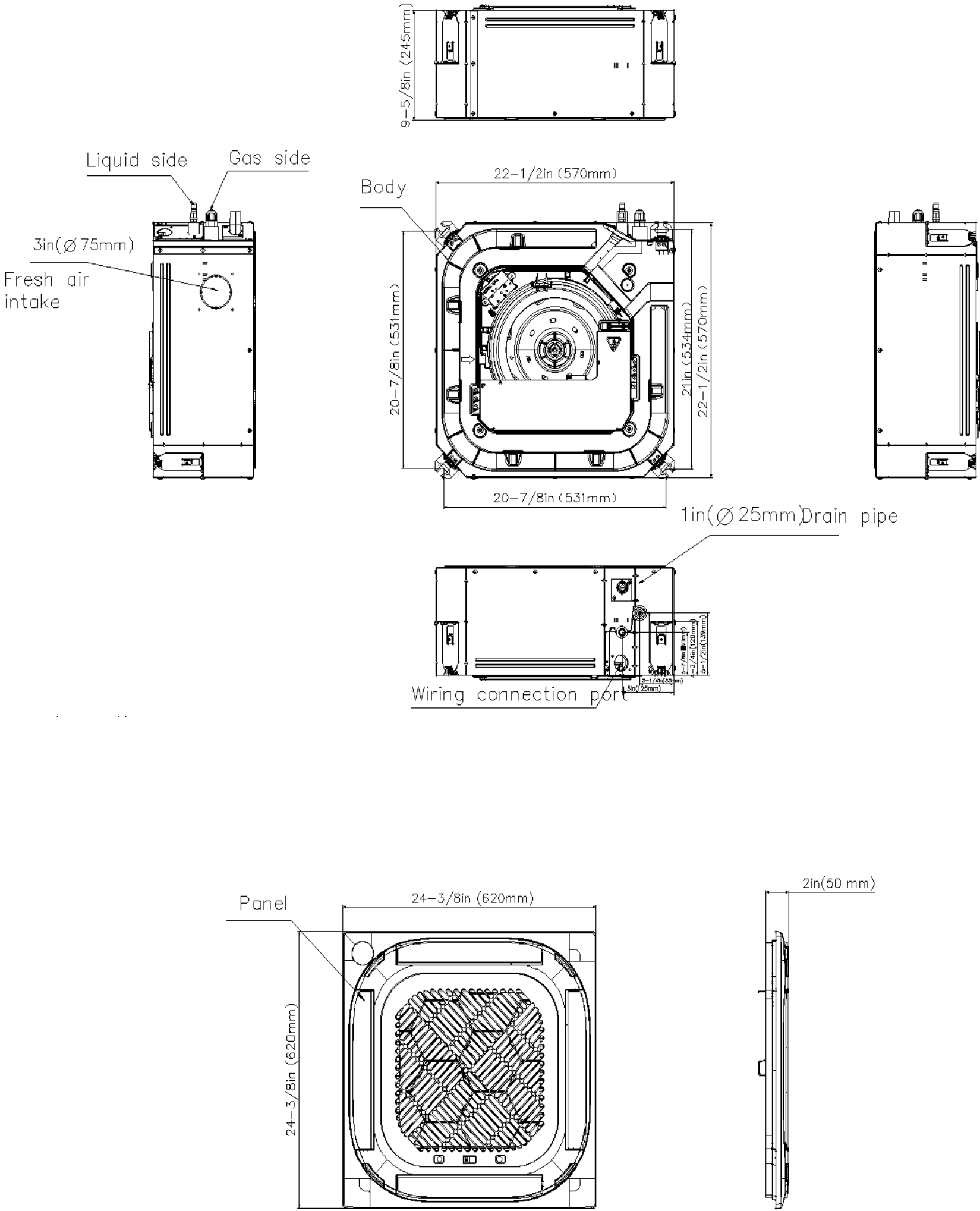


INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		417.9 / 364.9 / 306.1 / 194.2 / 147.2
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		46/42.0/38.5/26.5/24.0
Dimension (W×D×H)	inch	22.44 x 22.44 x 9.65
	mm	570.0×570.0×245.0
Package (W×D×H)	inch	28.15 x 25.20 x 11.61
	mm	715×640×295
Net/Gross Weight	lbs	35.27/41.89
	kg	16.0/19.0

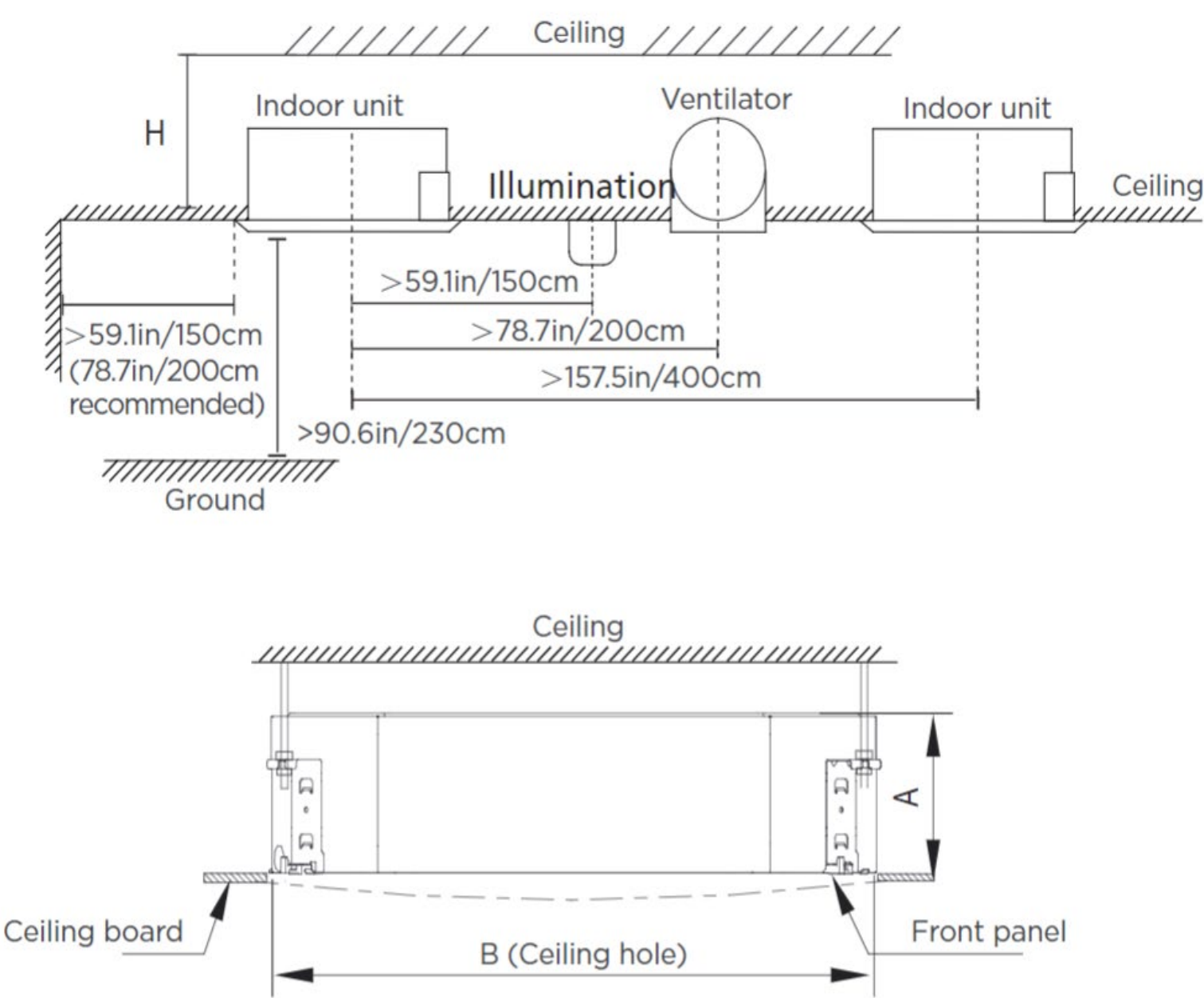
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
Indoor Fan Motor RLA	0.9
Indoor Fan Motor W	45

PIPING	
Throttle type(Indoor)	N/A
Liquid Size	6.35mm(1/4in)
Gas Size	9.52mm(3/8in)
Connection Method	Flared

Indoor Unit Dimension



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)	>10.8in (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)	

SUBMITTAL DATA SHEET



Series Name: M4 360° Cassette
Model Number: MCS18H2BHRB

M4 360° Cassette	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

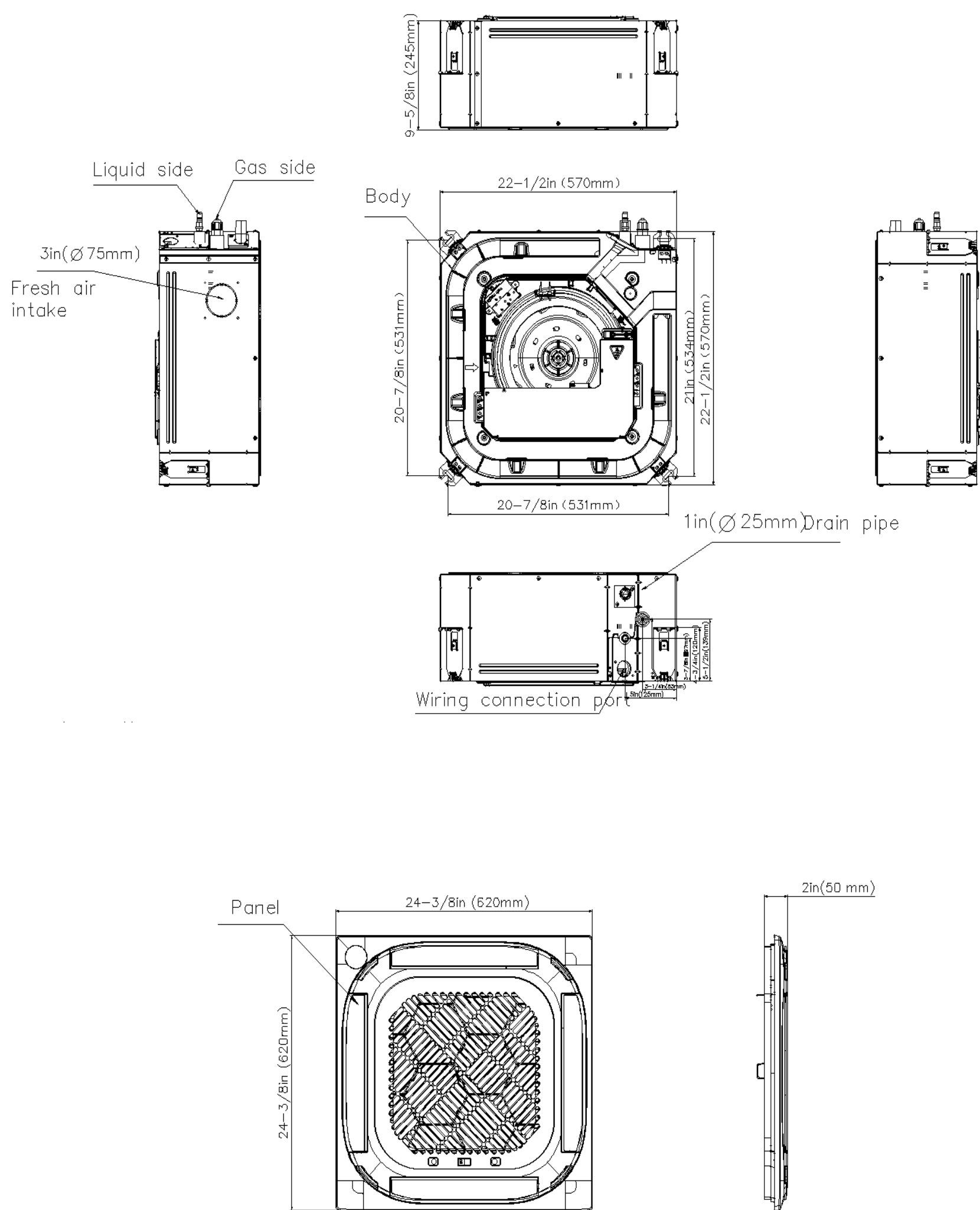


INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		447.3 / 388.5 / 317.8 / 194.2 / 147.2
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		48/44.0/41.0/28.5/24.5
Dimension (W×D×H)	inch	22.44 x 22.44 x 9.65
	mm	570.0×570.0×245.0
Package (W×D×H)	inch	28.15 x 25.20 x 11.61
	mm	715×640×295
Net/Gross Weight	lbs	35.27/41.89
	kg	16.0/19.0

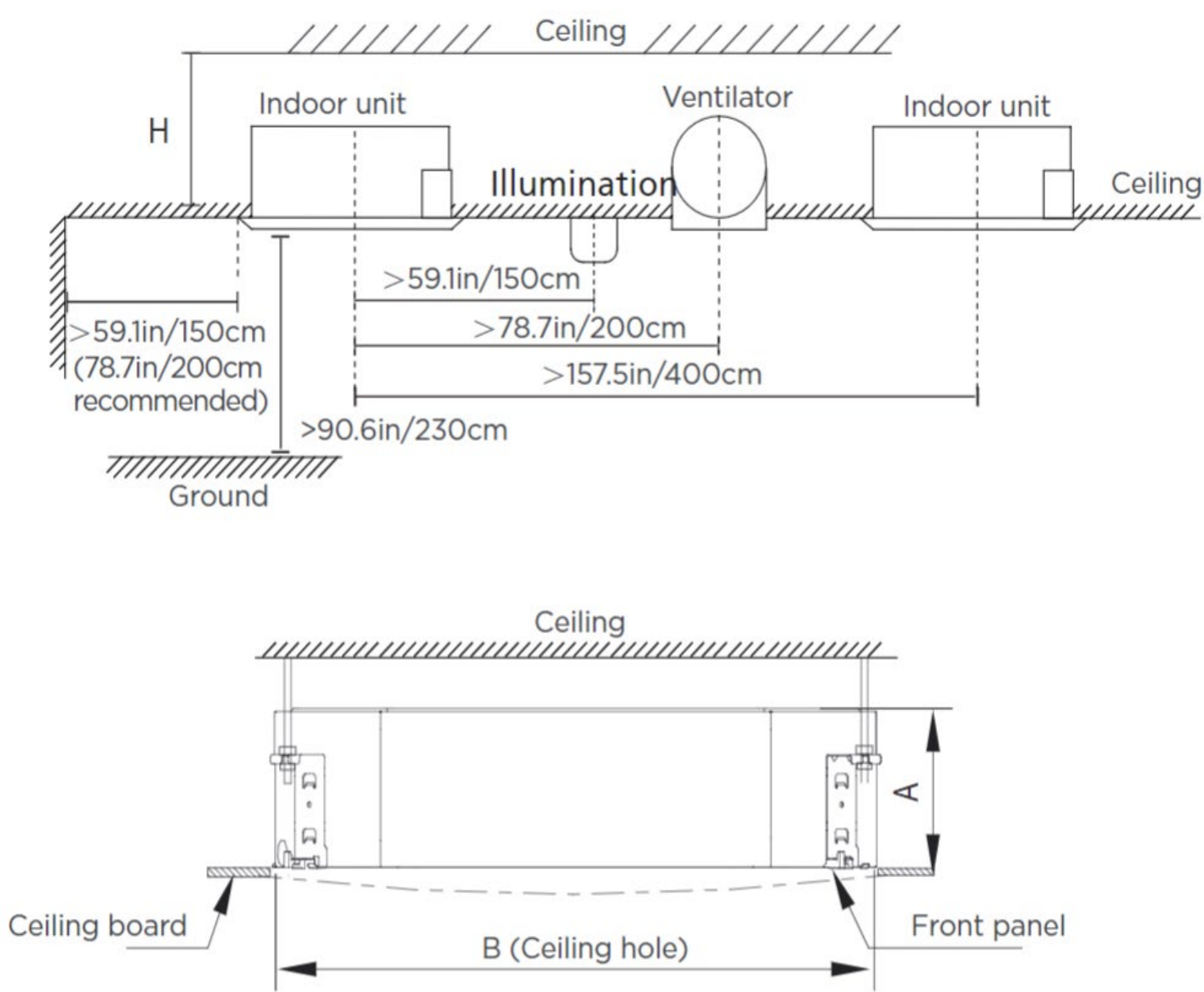
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
Indoor Fan Motor RLA	1.0
Indoor Fan Motor W	45

PIPING	
Throttle type(Indoor)	N/A
Liquid Size	6.35mm(1/4in)
Gas Size	12.7mm(1/2in)
Connection Method	Flared

Indoor Unit Dimension



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)	>10.8in (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)	

SUBMITTAL DATA SHEET



Series Name: M4 360° Cassette
Model Number: MCS24H2BHRB

M4 360° Cassette	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

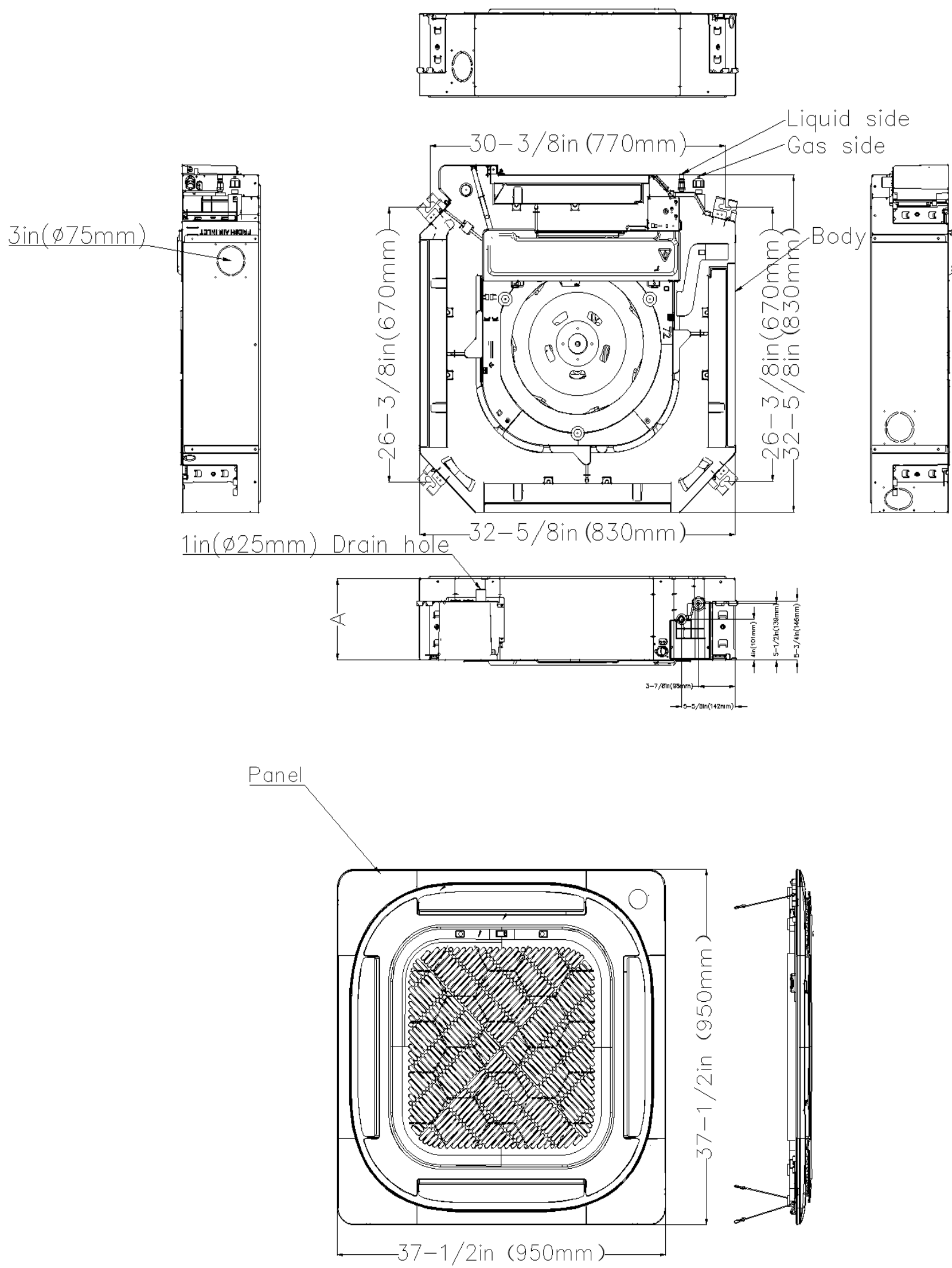


INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		765.2 / 706.3 / 635.7 / 547.4 / N/A
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		N/A/45.5/43.0/33.5/30.5
Dimension (W×D×H)	inch	32.68 x 32.68 x 8.07
	mm	830.0×830.0×205.0
Package (W×D×H)	inch	35.83 x 35.83 x 9.84
	mm	910×910×250
Net/Gross Weight	lbs	47.18/59.08
	kg	21.4/26.8

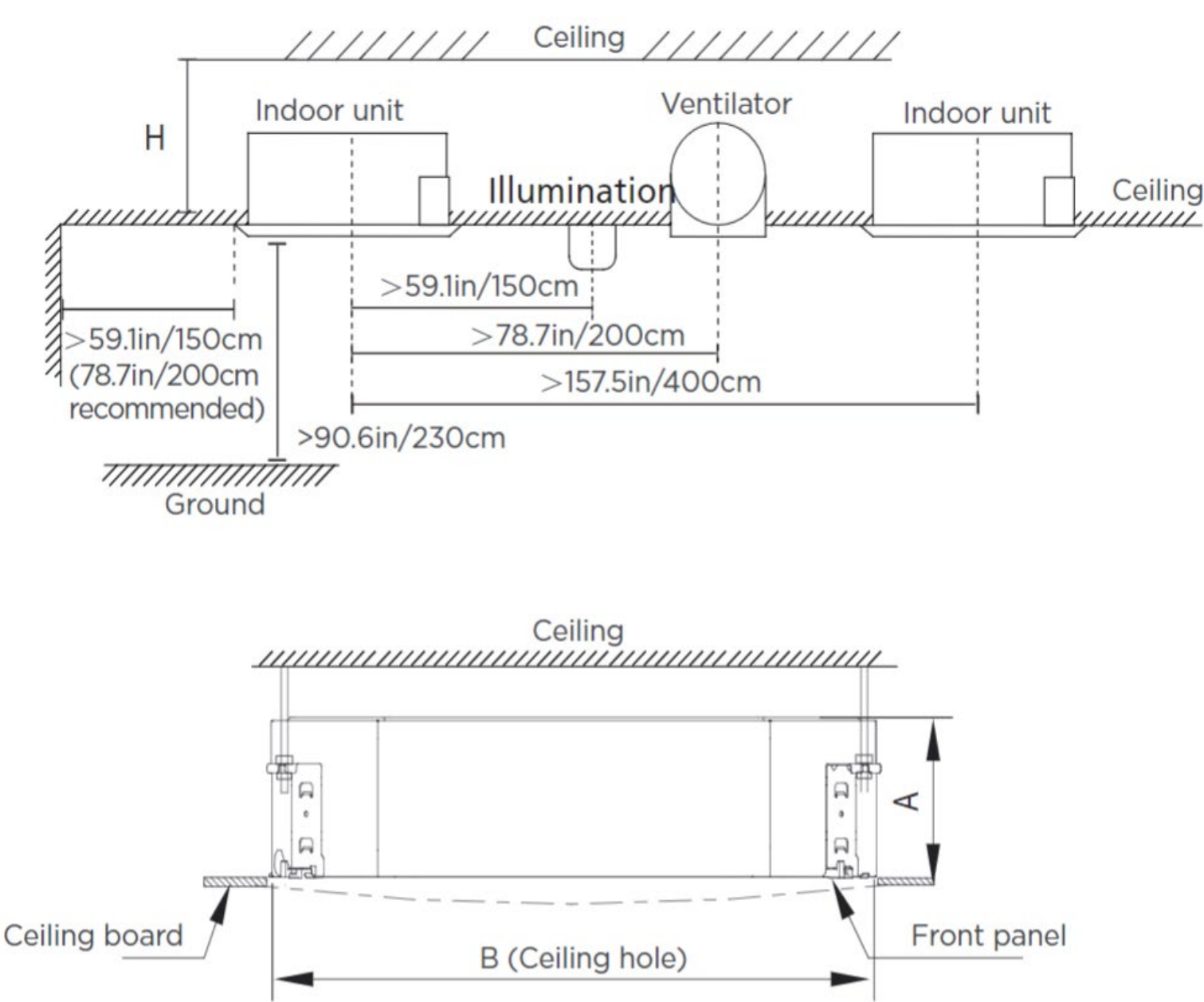
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
Indoor Fan Motor RLA	1.0
Indoor Fan Motor W	45

PIPING	
Throttle type(Indoor)	N/A
Liquid Size	9.52mm(3/8in)
Gas Size	15.9mm(5/8in)
Connection Method	Flared

Indoor Unit Dimension



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)	>10.8in (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)	

SUBMITTAL DATA SHEET



Series Name: M4 360° Cassette
Model Number: MCS36H2BHRB

M4 360° Cassette	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

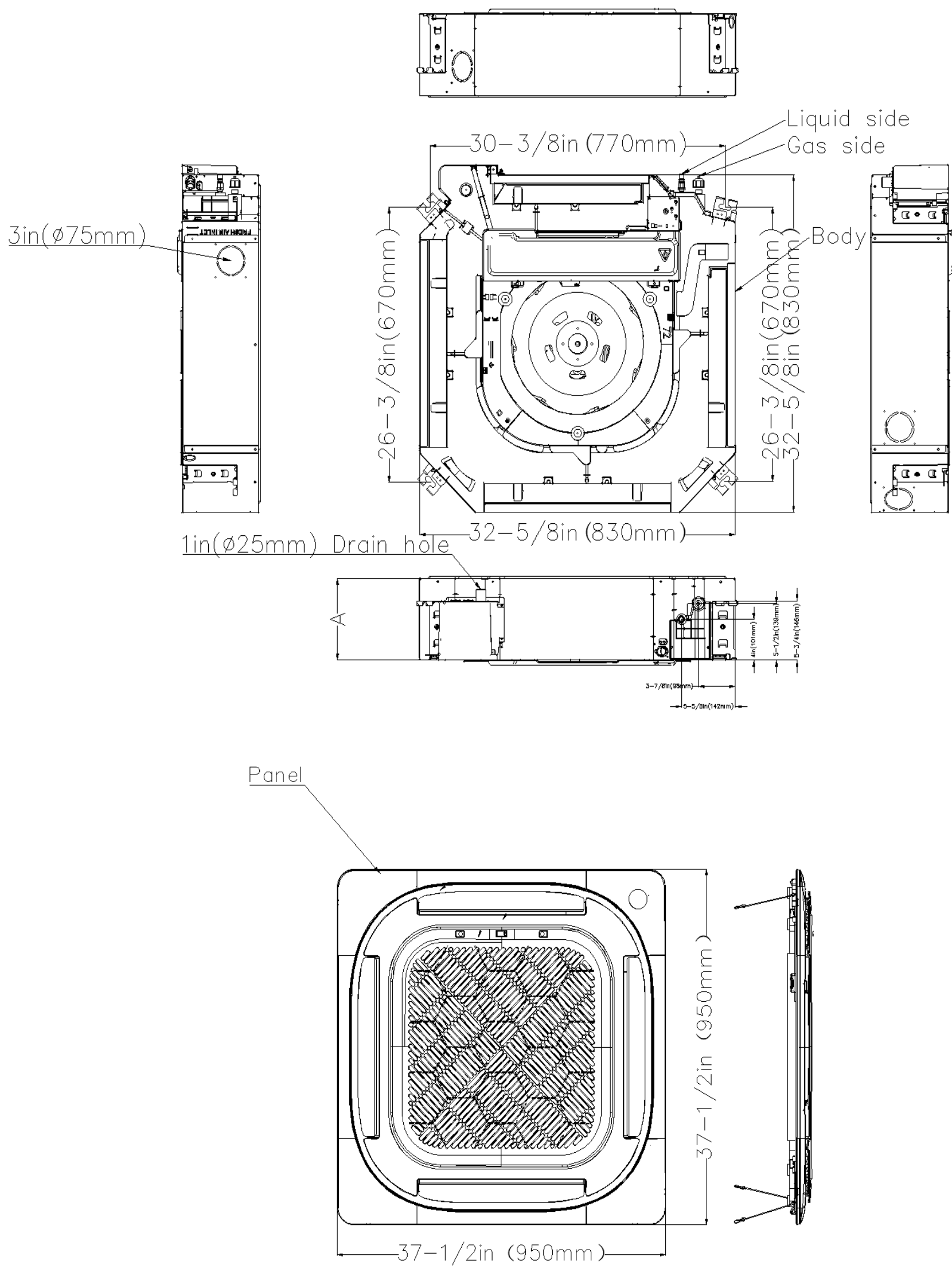


INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		1041.8 / 947.6 / 853.5 / 753.4 / 659.2
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		N/A/52.0/47.5/40.0/38.00
Dimension (W×D×H)	inch	32.68 x 32.68 x 9.65
	mm	830.0×830.0×245.0
Package (W×D×H)	inch	35.83 x 35.83 x 11.42
	mm	910×910×290
Net/Gross Weight	lbs	59.30/71.43
	kg	26.9/32.4

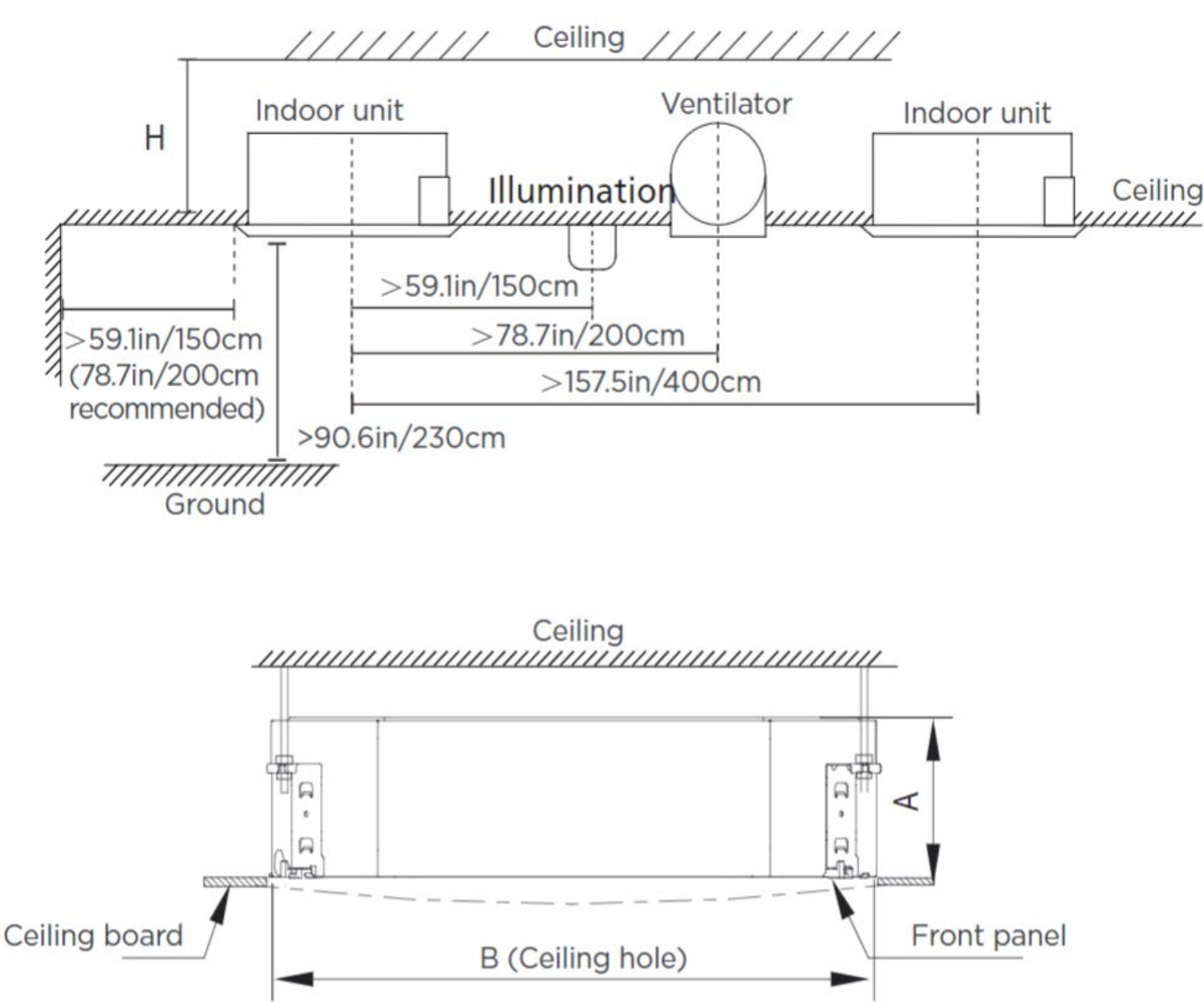
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
Indoor Fan Motor RLA	1.0
Indoor Fan Motor W	125

PIPING	
Throttle type(Indoor)	N/A
Liquid Size	9.52mm(3/8in)
Gas Size	19mm(3/4in)
Connection Method	Flared

Indoor Unit Dimension



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)	>10.8in (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)	

SUBMITTAL DATA SHEET



Series Name: M4 360° Cassette
Model Number: MCS48H2BHRB

M4 360° Cassette	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

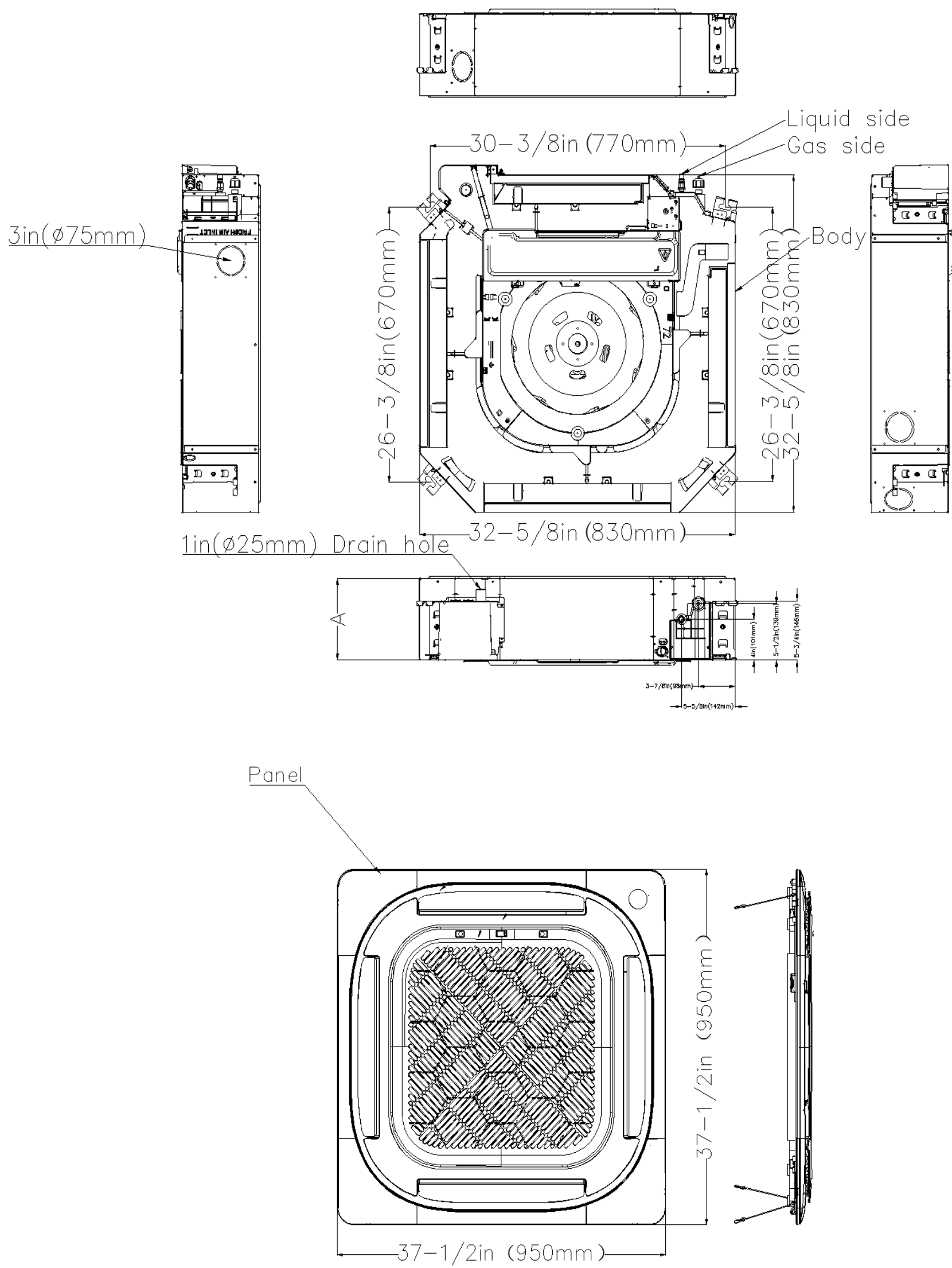


INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		1236.1 / 1124.2 / 1018.3 / 800.5 / 688.7
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		N/A/52.0/49.5/41.5/38.00
Dimension (W×D×H)	inch	32.68 x 32.68 x 11.30
	mm	830.0×830.0×287.0
Package (W×D×H)	inch	35.83 x 35.83 x 12.99
	mm	910×910×330
Net/Gross Weight	lbs	64.59/76.06
	kg	29.3/34.5

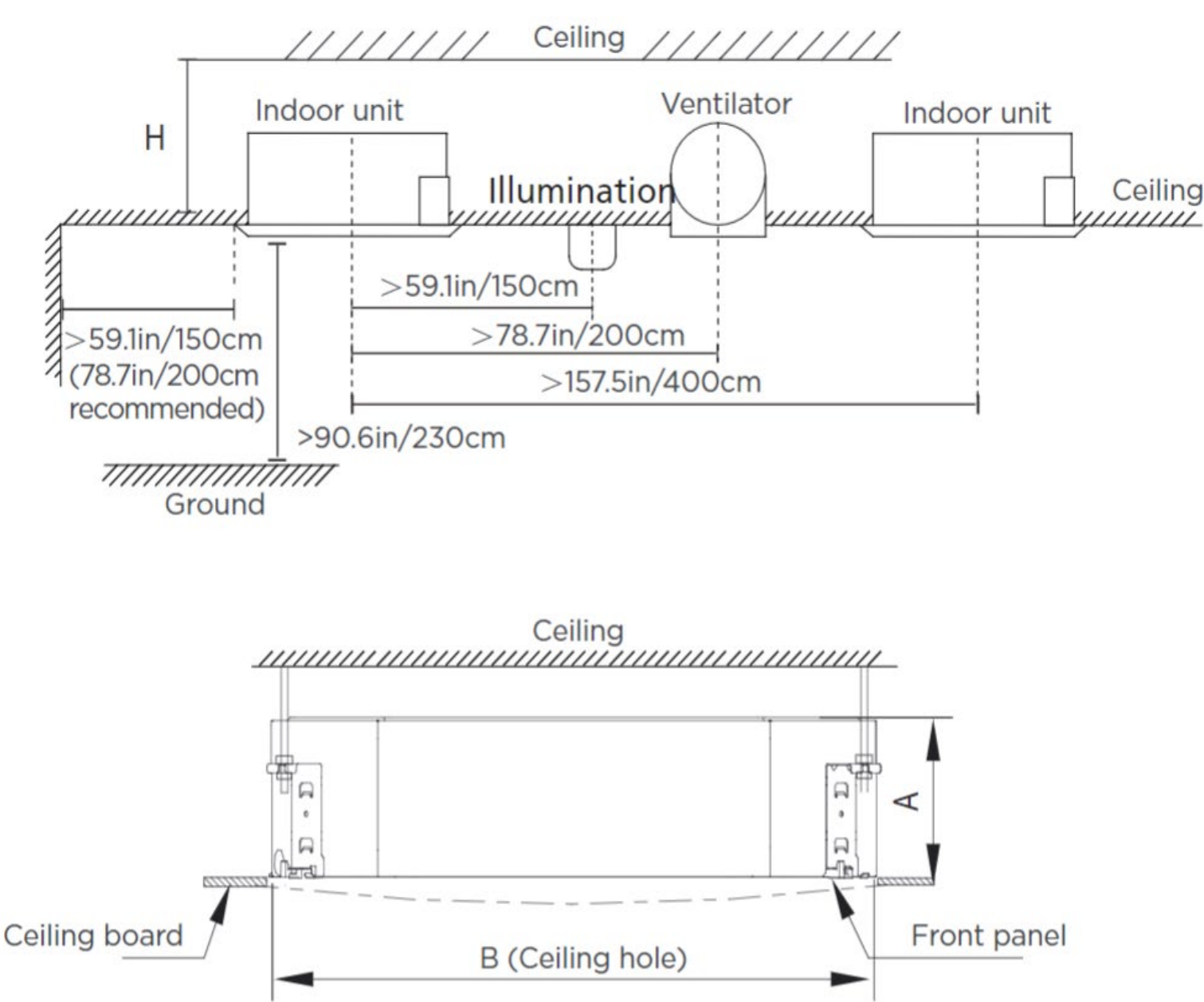
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
Indoor Fan Motor RLA	1.0
Indoor Fan Motor W	125

PIPING	
Throttle type(Indoor)	N/A
Liquid Size	9.52mm(3/8in)
Gas Size	19mm(3/4in)
Connection Method	Flared

Indoor Unit Dimension



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)	>10.8in (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)	