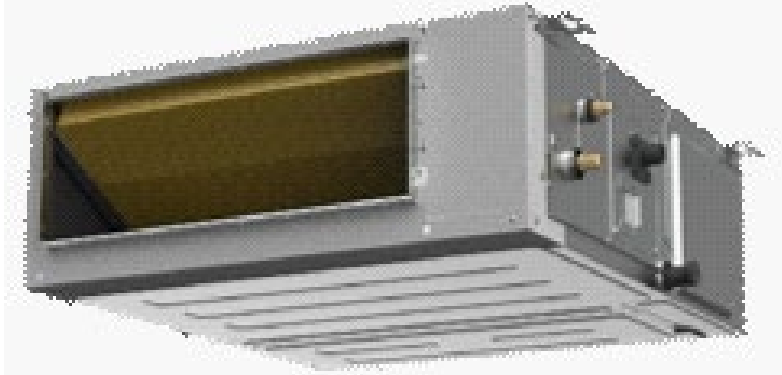


SUBMITTAL DATA SHEET



M4 High Static Duct

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

Indoor Key Features
• Factory installed R454B Leak Sensor
• High Static operation up to 200Pa
• Light Weight and Compact Design for Concealed Ceiling
• Automatic Airflow Match adjust to Ducting Designs
• Horizontal or Vertical Installation Flexibility without moving water tray
• Built-In Drain pump up to 30in lift
• Upgraded Electric Control box with larger maintenece space
• 5 Modes: Auto, Cool, Heat, Dry, Fan
• Fresh Air accesses available
• Other Included Modes: Sleep, Timer, Turbo, Eco
• Built-in Wifi with app
• *10 Year Warranty

Accessories

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

24V Mini Adapter


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

* 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 High Static Slim Duct
Model Number: [MDH09H2MHWA](#)

M4 High Static Slim Duct	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

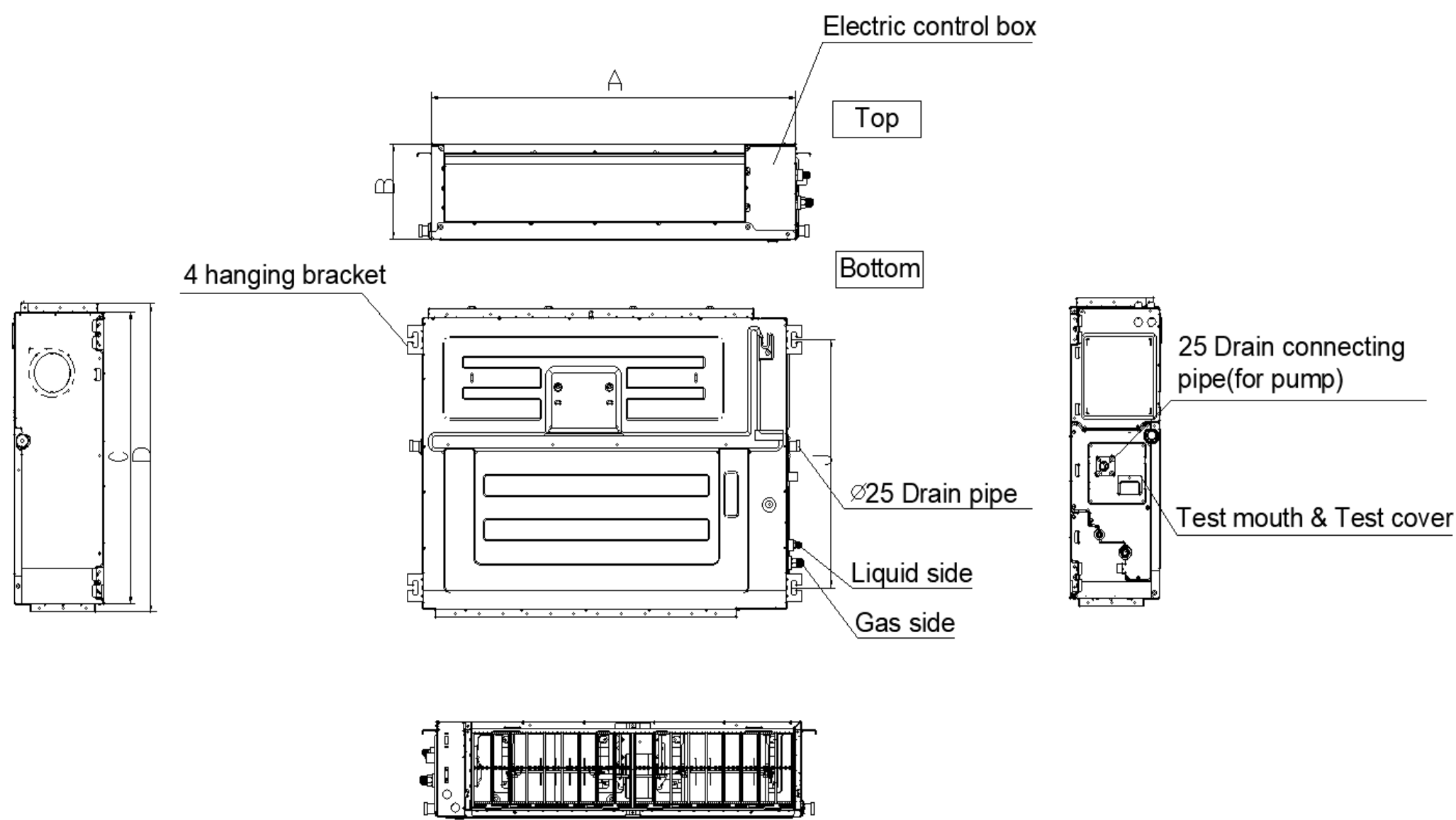


INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		344.3 / 288.4 / 230.7 / 200.7 / 121.8
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		N/A/30.5/29.5/28.5/28.0
Indoor static pressure range		0-0.8
Dimension (W×D×H)	inch	27.56 x 29.53 x 9.65
	mm	700.0×750.0×245.0
Package (W×D×H)	inch	36.42 x 33.46 x 11.73
	mm	925×850×298
Net/Gross Weight	lbs	64.15/73.85
	kg	29.1/33.5

ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
Indoor Fan Motor RLA	1.5
Indoor Fan Motor W	165

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

Indoor Unit Dimension

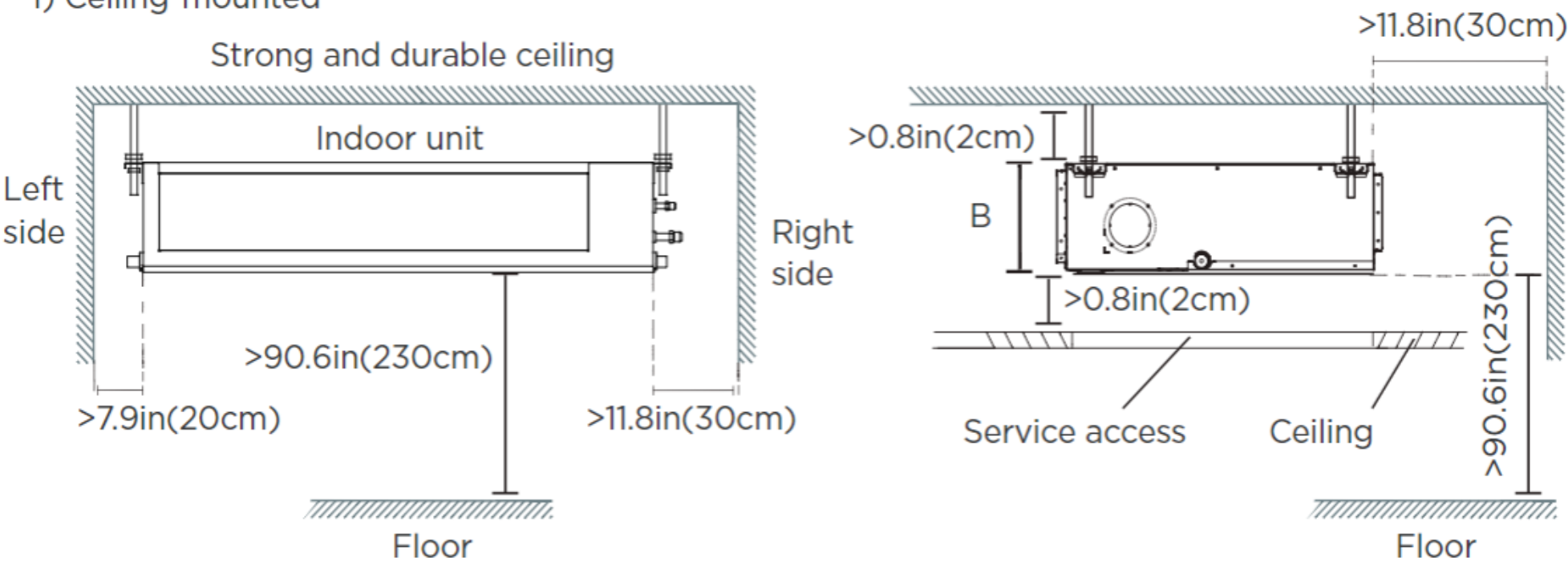


MODEL	A	B	C	D
9K	27-1/2in(700mm)	7-7/8in(200mm)	17-3/4(450mm)	20in(506mm)
12K	27-1/2in(700mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
18K~24K	39-3/8in(1000mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
36K~48K	47-1/8in(1200mm)	11-7/8in(300mm)	29-1/2(750mm)	31-1/4in(795mm)
60K	55-1/8in(1400mm)	15in(380mm)	31-1/2in(800mm)	33-1/4in(845mm)

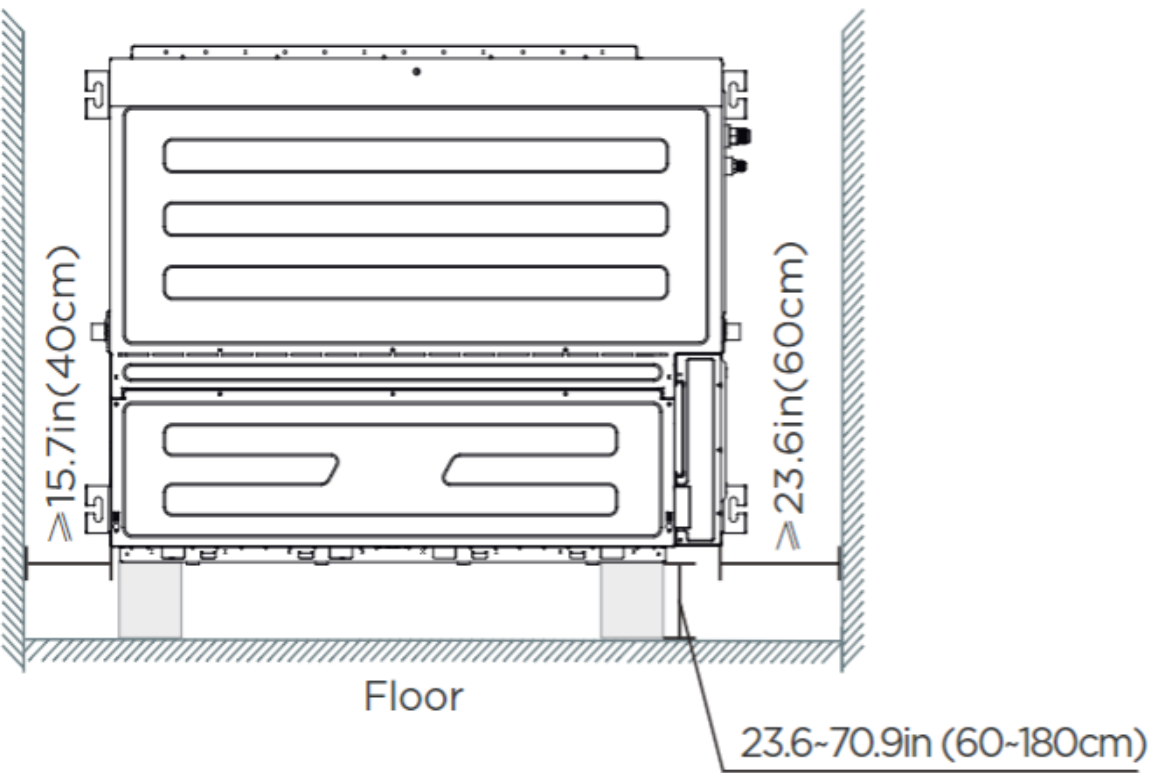
Installation place

The distance between the mounted indoor unit should meet the specifications illustrated in the following diagram.

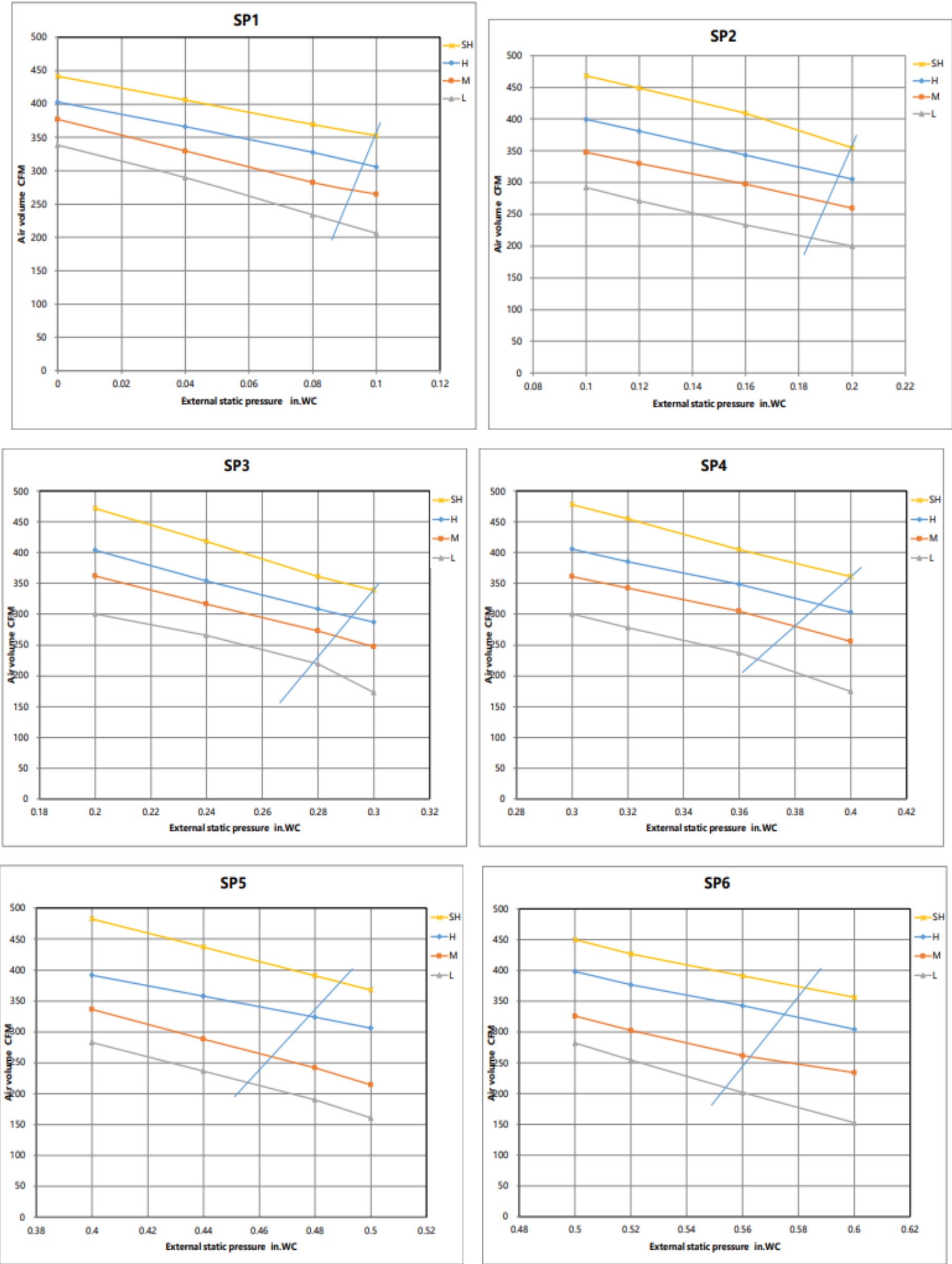
1) Ceiling-mounted

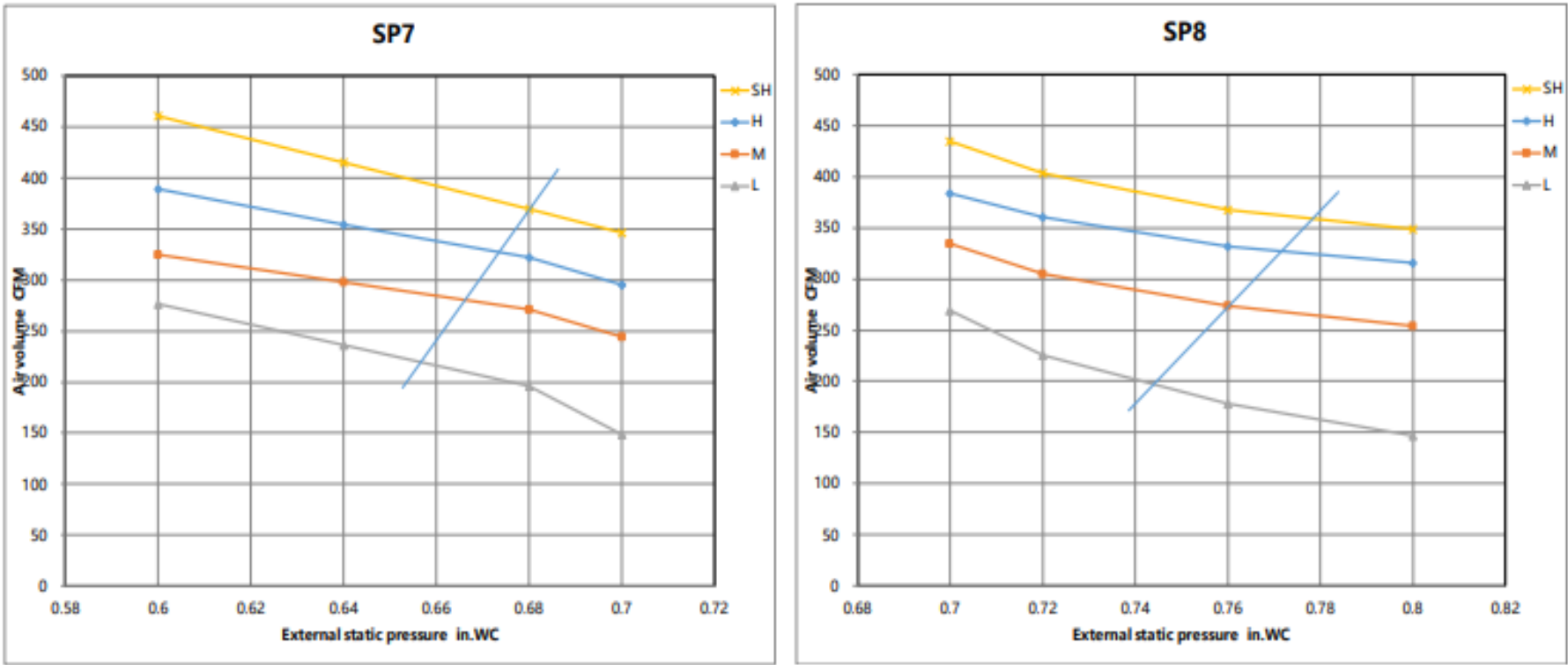


2) Wall-mounted

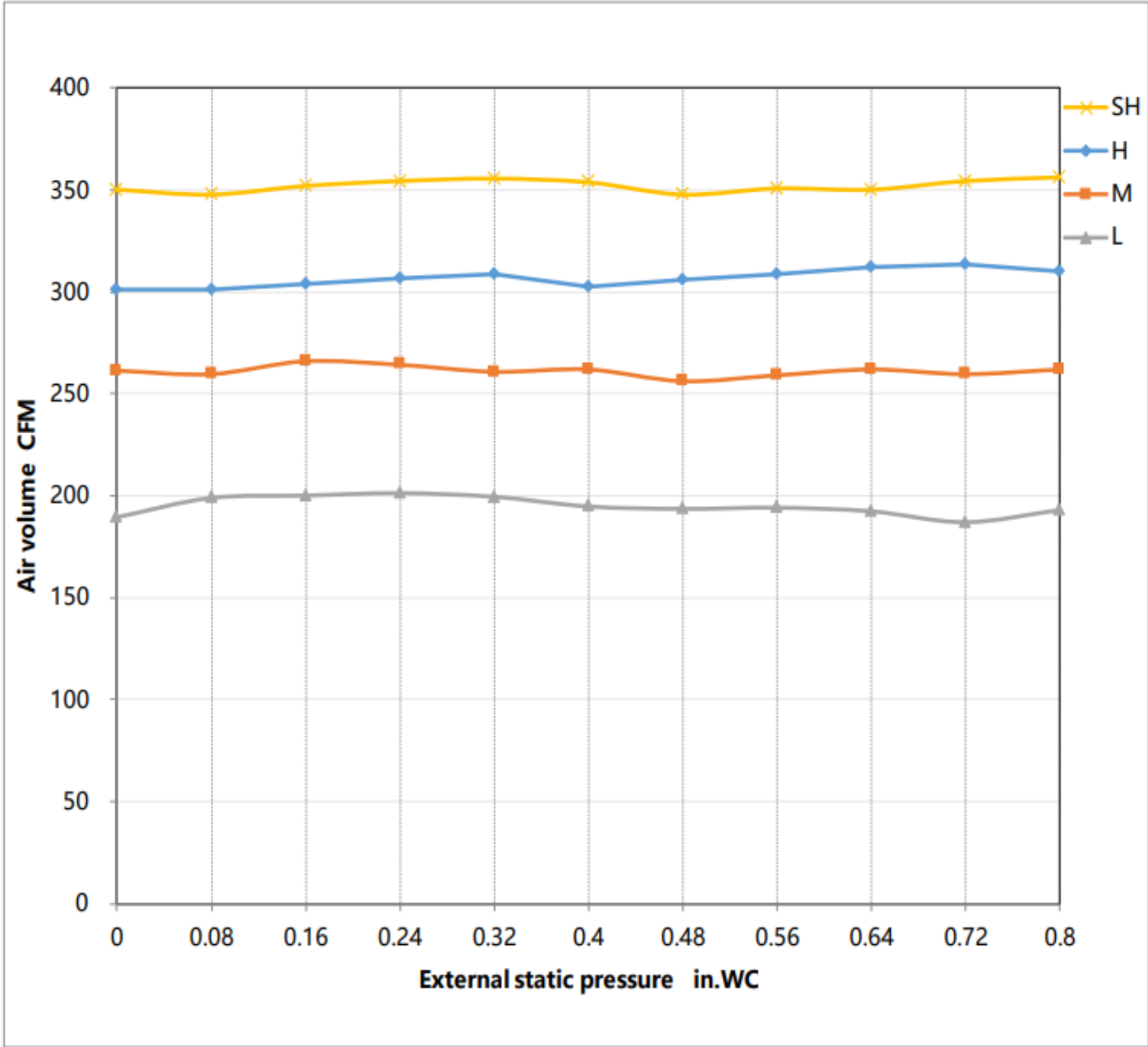


Fan performance





Constant air volume



SUBMITTAL DATA SHEET



Series Name: M4 High Static Slim Duct
Model Number: [MDH12H2MHWA](#)

M4 High Static Slim Duct	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

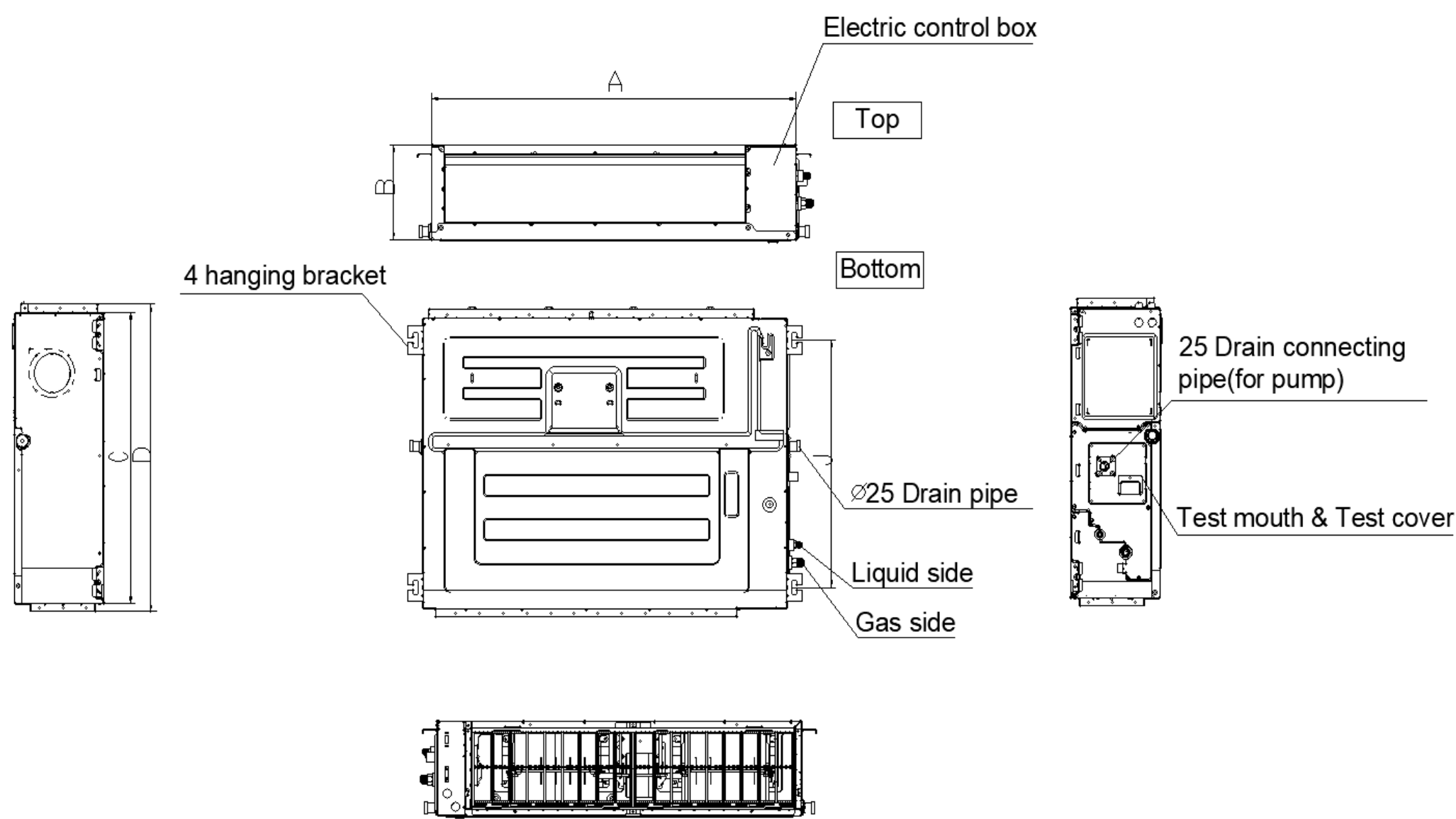


INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		419.1 / 350.2 / 256.0 / 216.0 / 135.4
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		N/A/33.5/32.5/31/29
Indoor static pressure range		0-0.8
Dimension (W×D×H)	inch	27.56 x 29.53 x 9.65
	mm	700.0×750.0×245.0
Package (W×D×H)	inch	36.42 x 33.46 x 11.73
	mm	925×850×298
Net/Gross Weight	lbs	64.15/73.85
	kg	29.1/33.5

ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
Indoor Fan Motor RLA	1.5
Indoor Fan Motor W	165

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

Indoor Unit Dimension

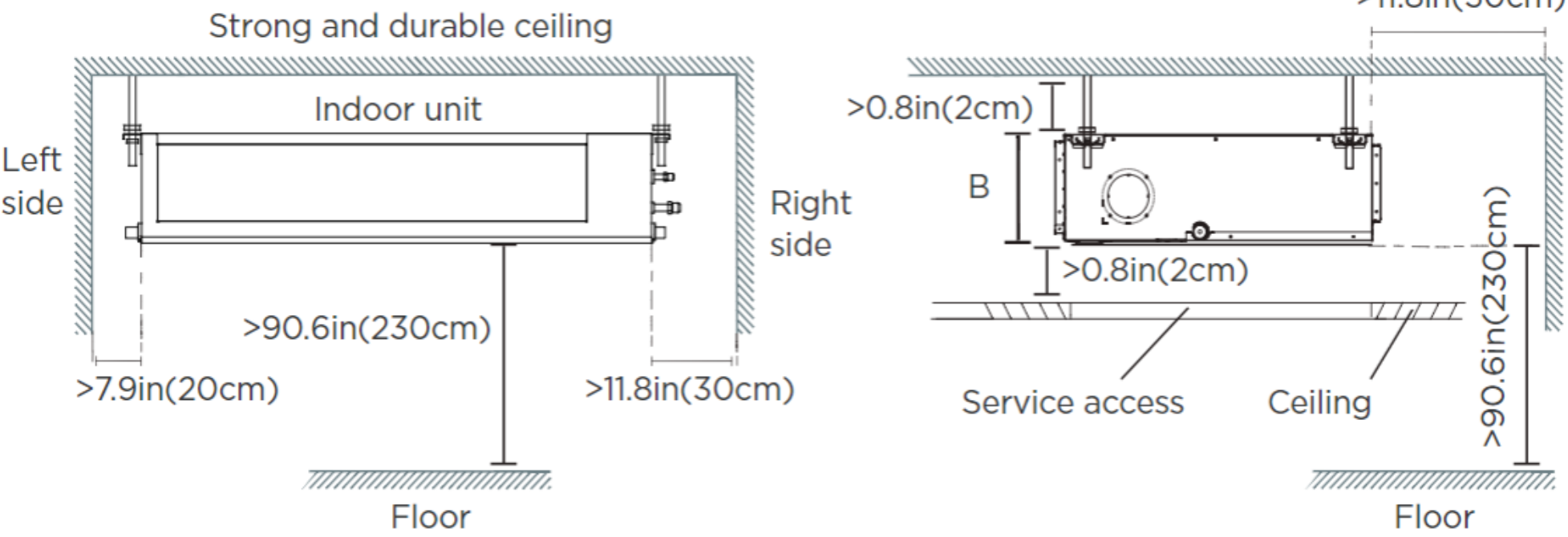


MODEL	A	B	C	D
9K	27-1/2in(700mm)	7-7/8in(200mm)	17-3/4(450mm)	20in(506mm)
12K	27-1/2in(700mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
18K~24K	39-3/8in(1000mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
36K~48K	47-1/8in(1200mm)	11-7/8in(300mm)	29-1/2(750mm)	31-1/4in(795mm)
60K	55-1/8in(1400mm)	15in(380mm)	31-1/2in(800mm)	33-1/4in(845mm)

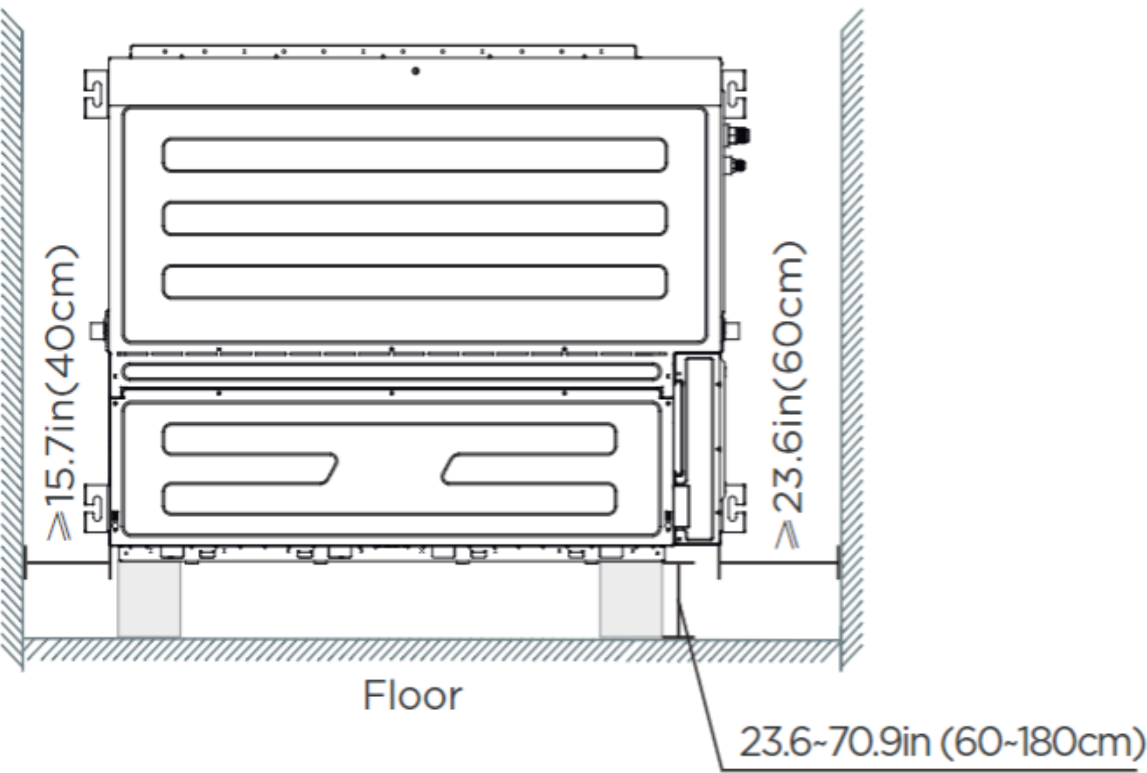
Installation place

The distance between the mounted indoor unit should meet the specifications illustrated in the following diagram.

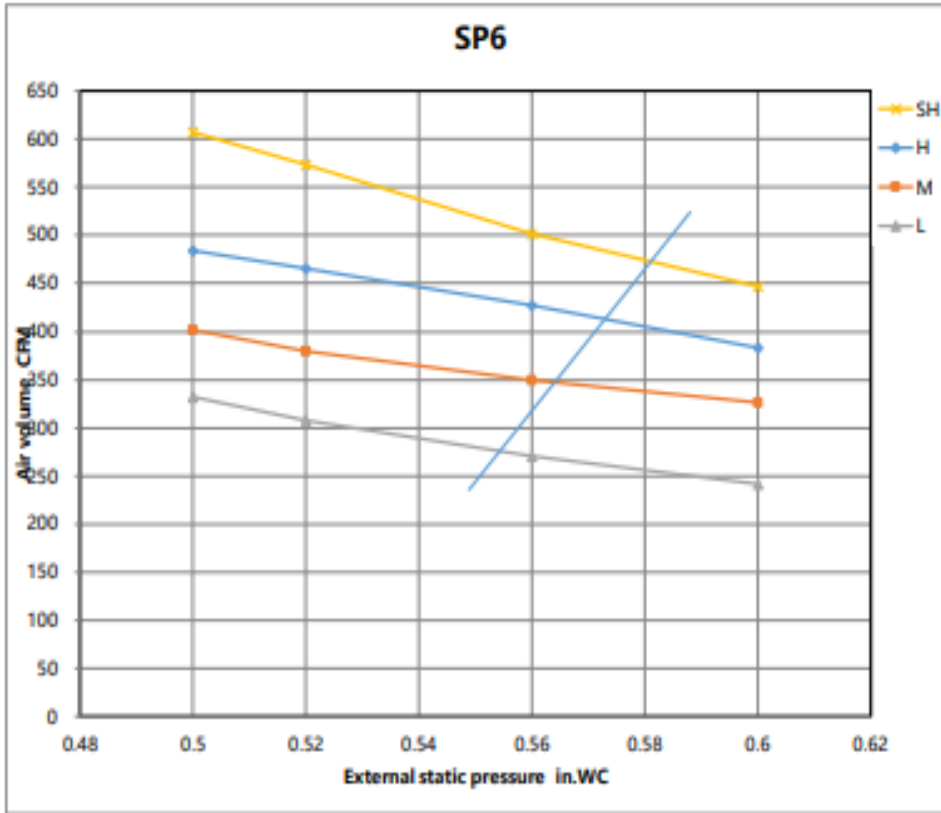
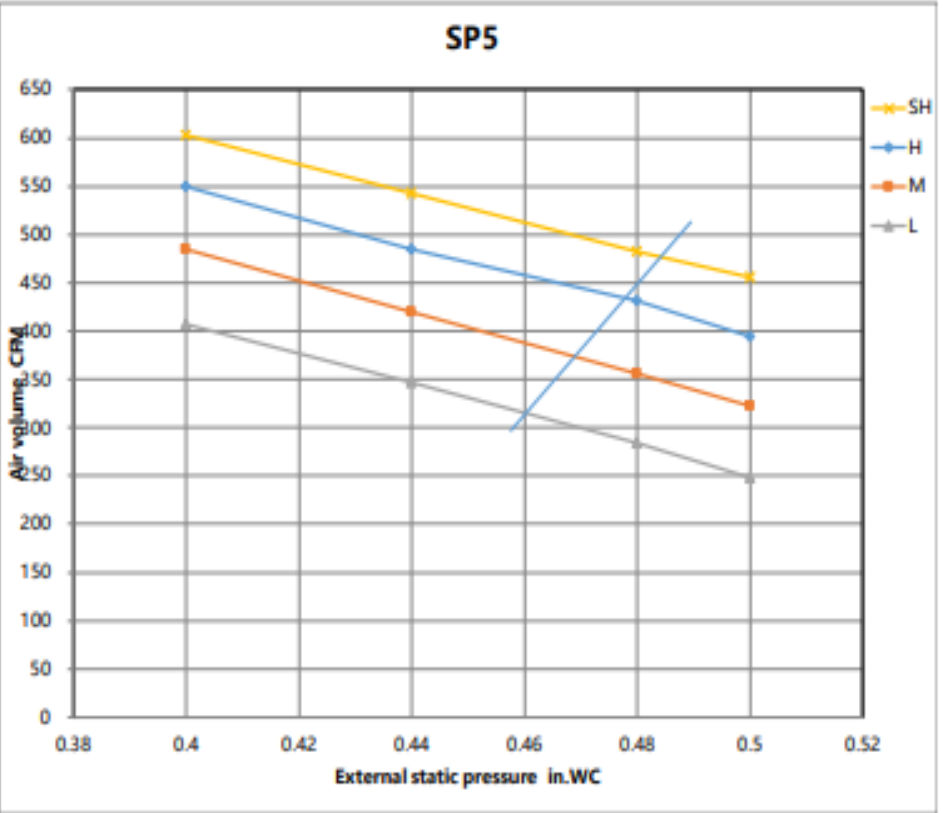
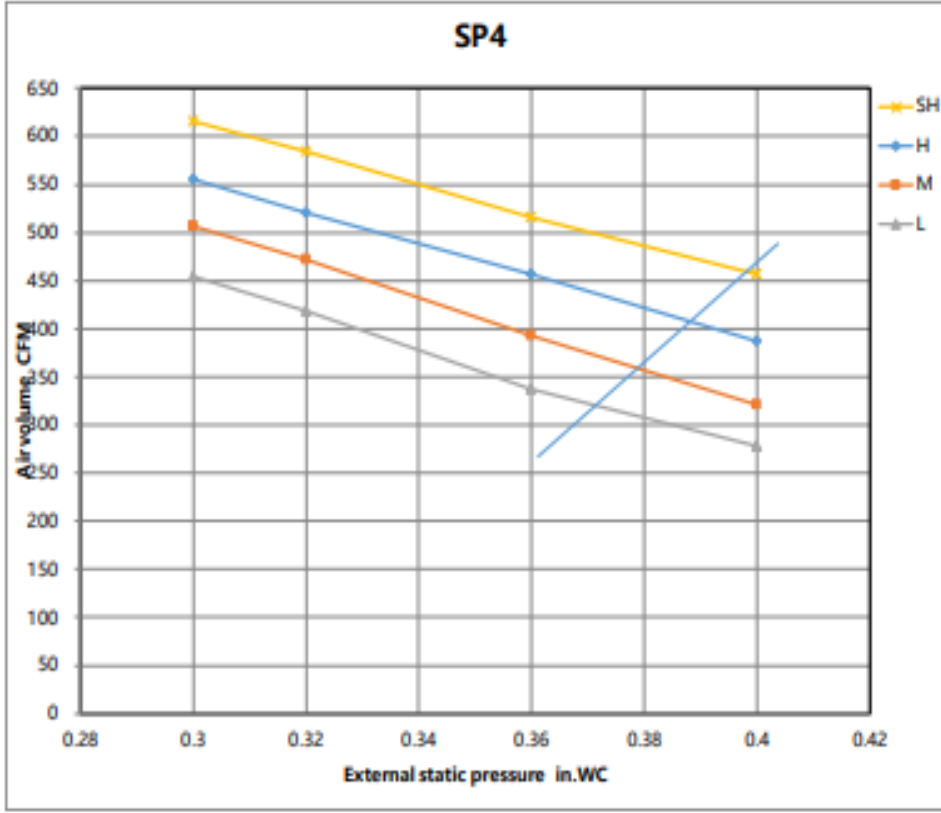
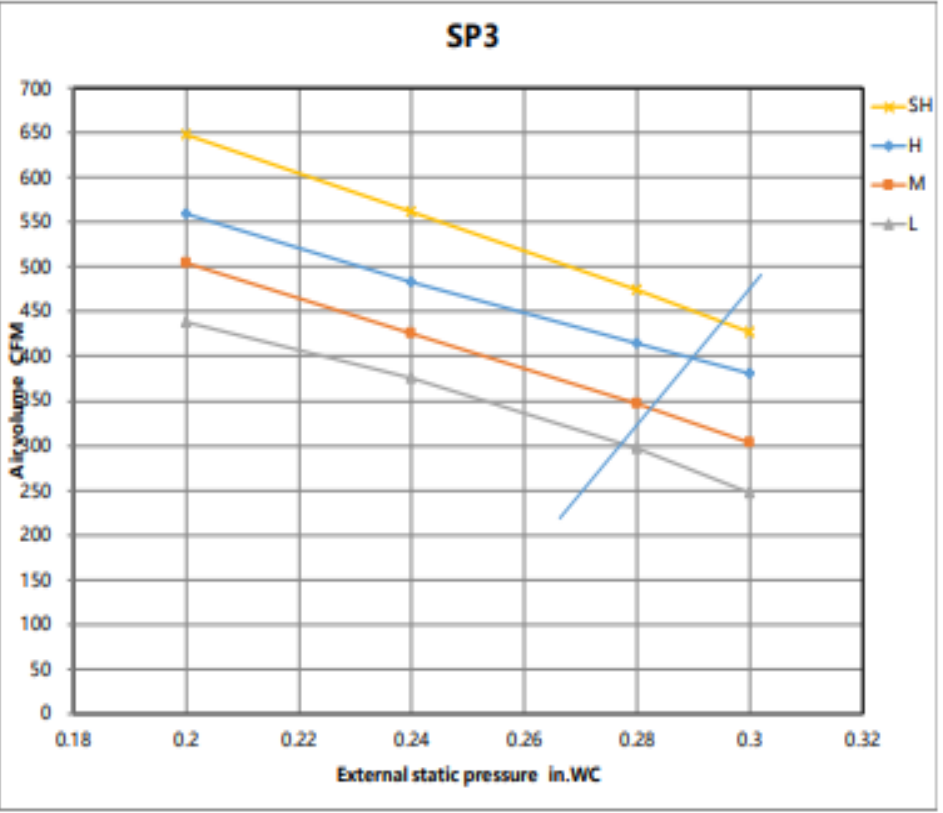
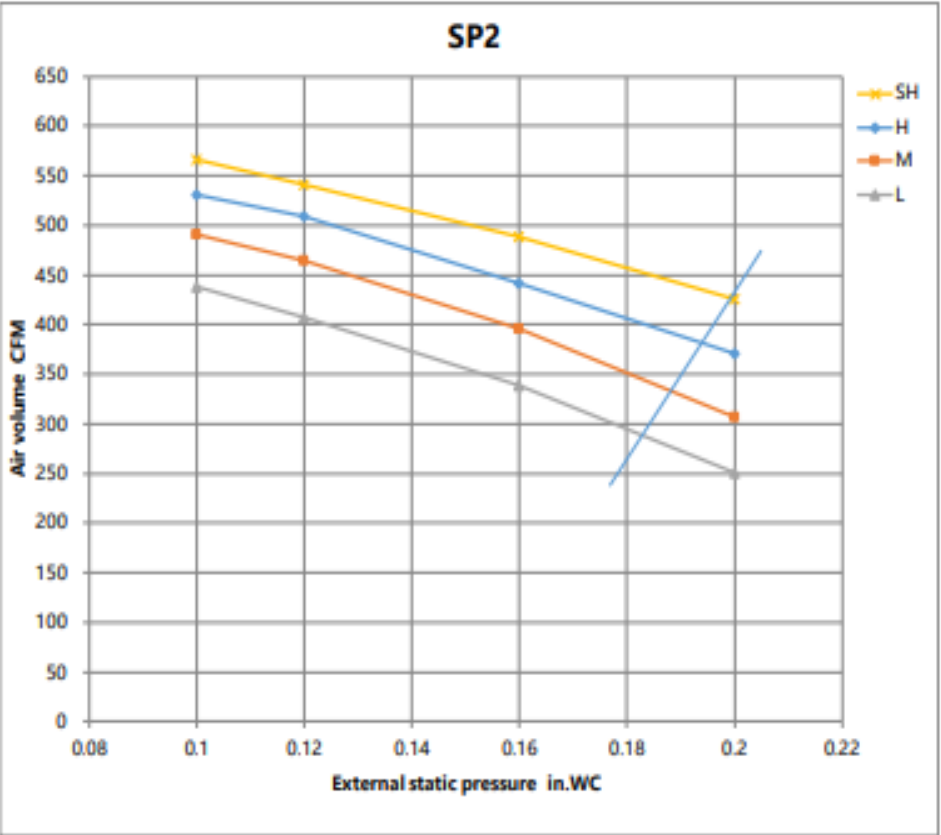
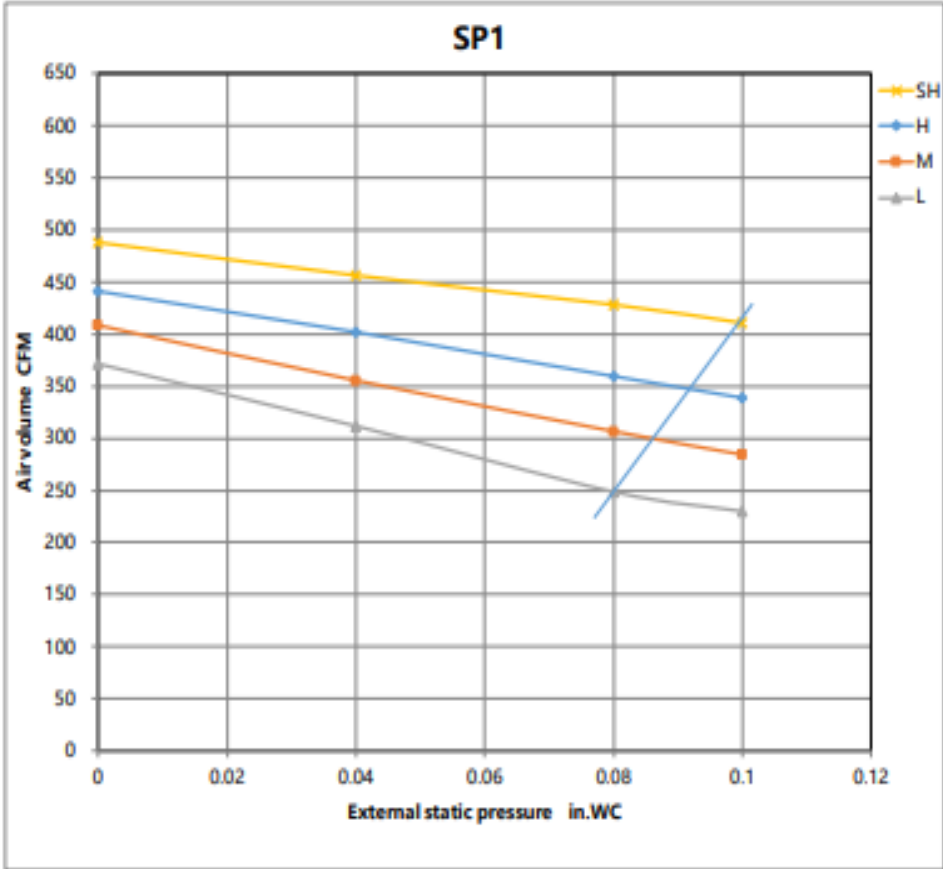
1) Ceiling-mounted

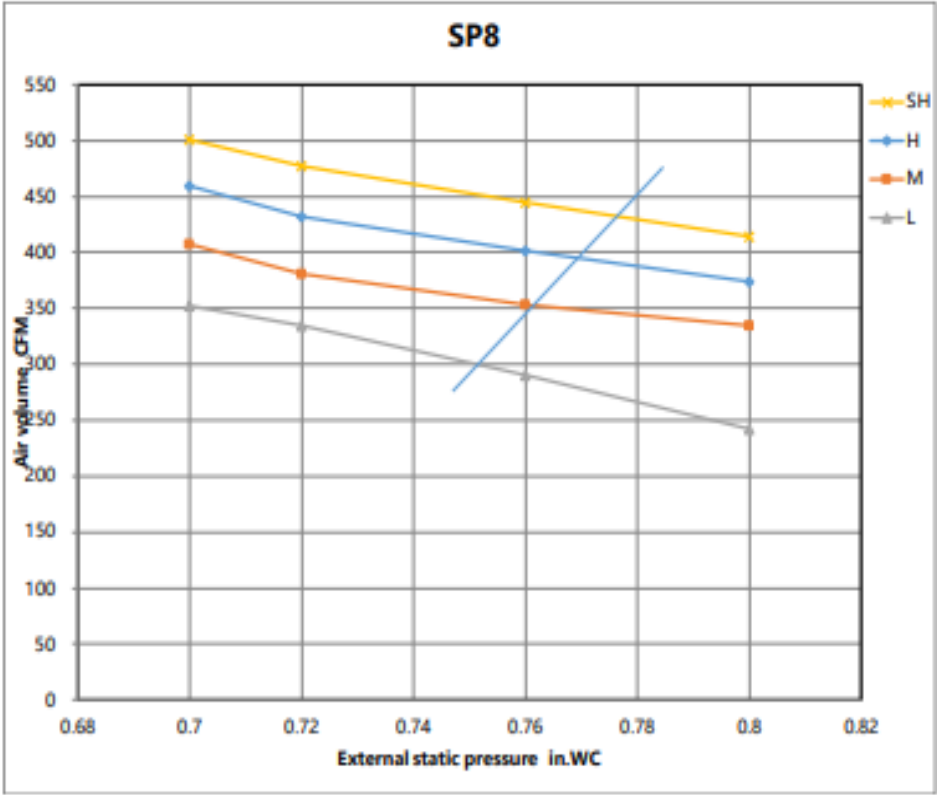
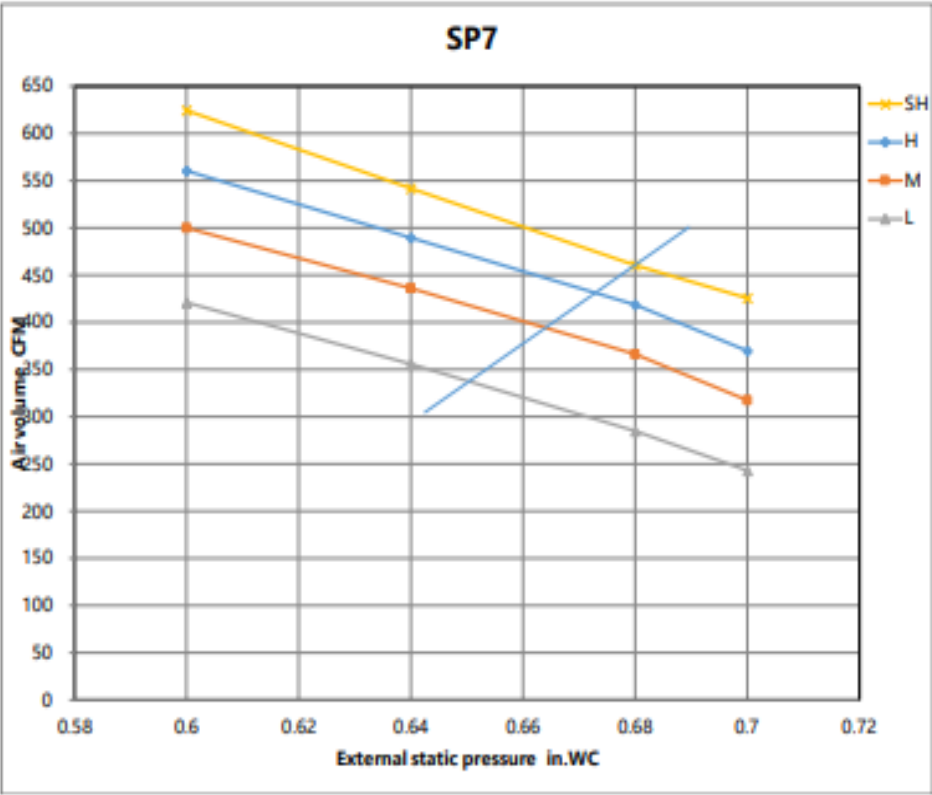


2) Wall-mounted

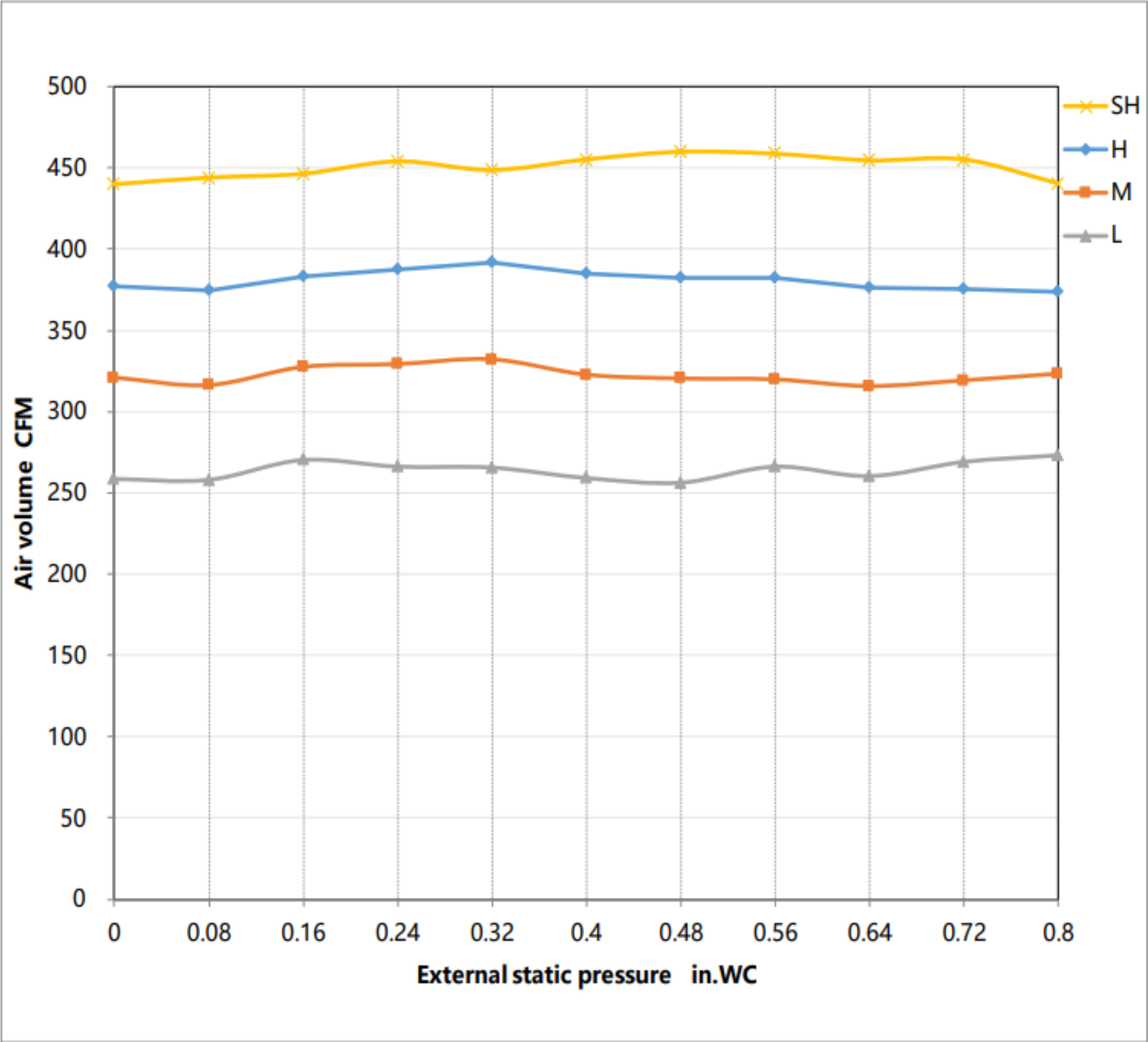


Fan performance





Constant air volume



SUBMITTAL DATA SHEET



Series Name: M4 High Static Slim Duct
Model Number:MDH18H2MHWA

M4 High Static Slim Duct	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

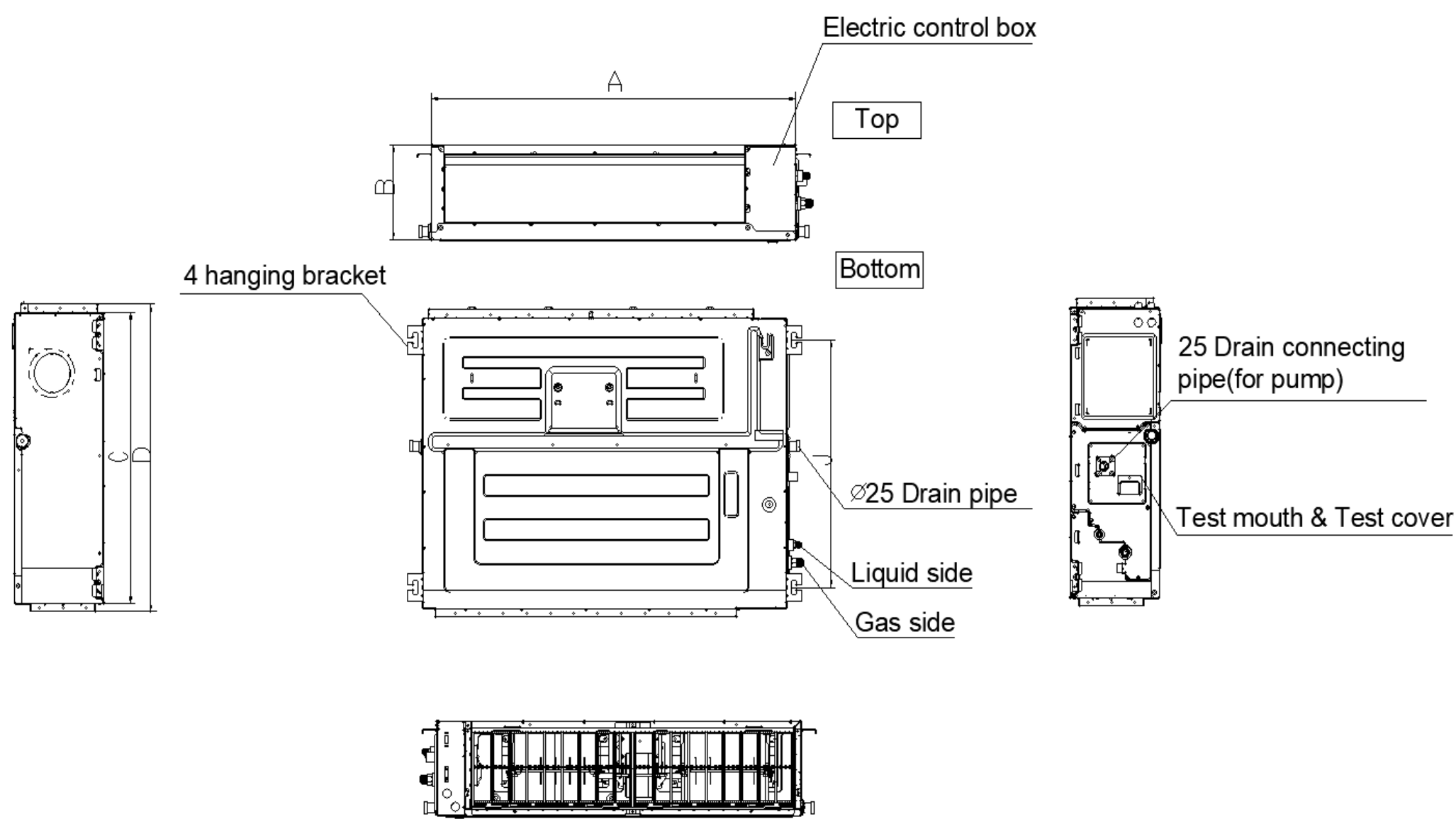


INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		706.3 / 618.0 / 529.7 / 441.4 / N/A
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		40/37/35/33/29.0
Indoor static pressure range		0-0.8
Dimension (W×D×H)	inch	39.37 x 29.53 x 9.65
	mm	1000.0×750.0×245.0
Package (W×D×H)	inch	48.23 x 33.86 x 11.97
	mm	1225×860×304
Net/Gross Weight	lbs	79.81/91.27
	kg	36.2/41.4

ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
Indoor Fan Motor RLA	1.8
Indoor Fan Motor W	165

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

Indoor Unit Dimension

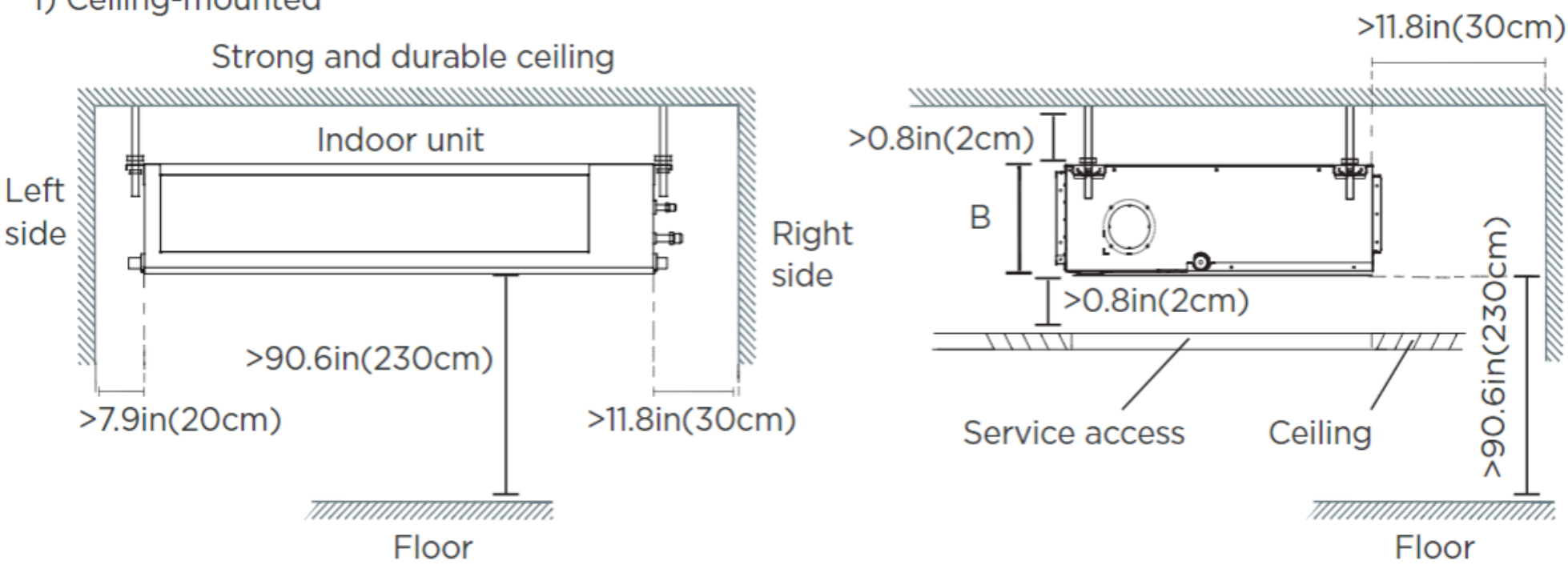


MODEL	A	B	C	D
9K	27-1/2in(700mm)	7-7/8in(200mm)	17-3/4(450mm)	20in(506mm)
12K	27-1/2in(700mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
18K~24K	39-3/8in(1000mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
36K~48K	47-1/8in(1200mm)	11-7/8in(300mm)	29-1/2(750mm)	31-1/4in(795mm)
60K	55-1/8in(1400mm)	15in(380mm)	31-1/2in(800mm)	33-1/4in(845mm)

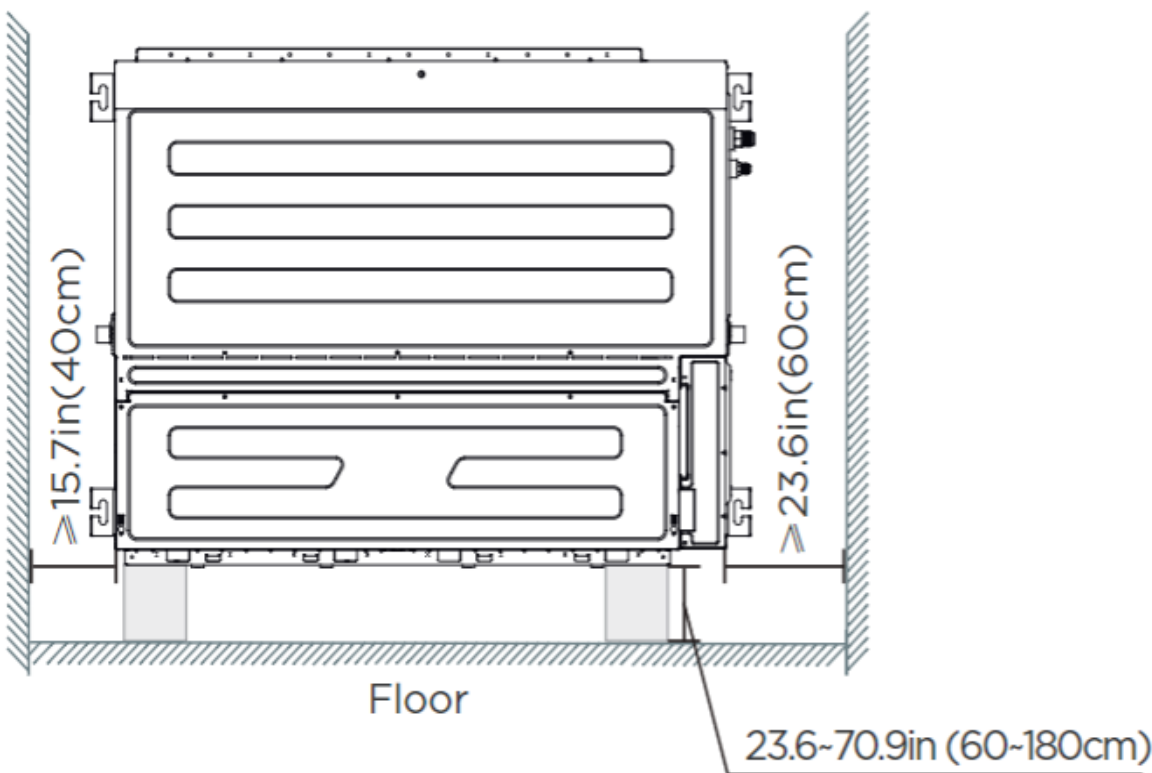
Installation place

The distance between the mounted indoor unit should meet the specifications illustrated in the following diagram.

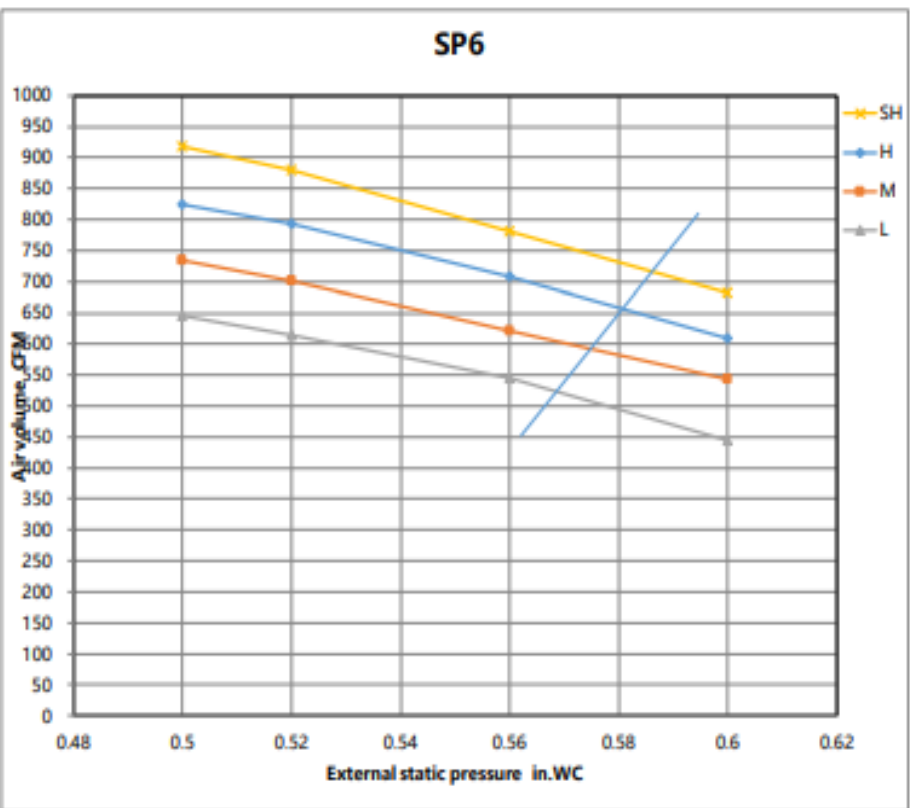
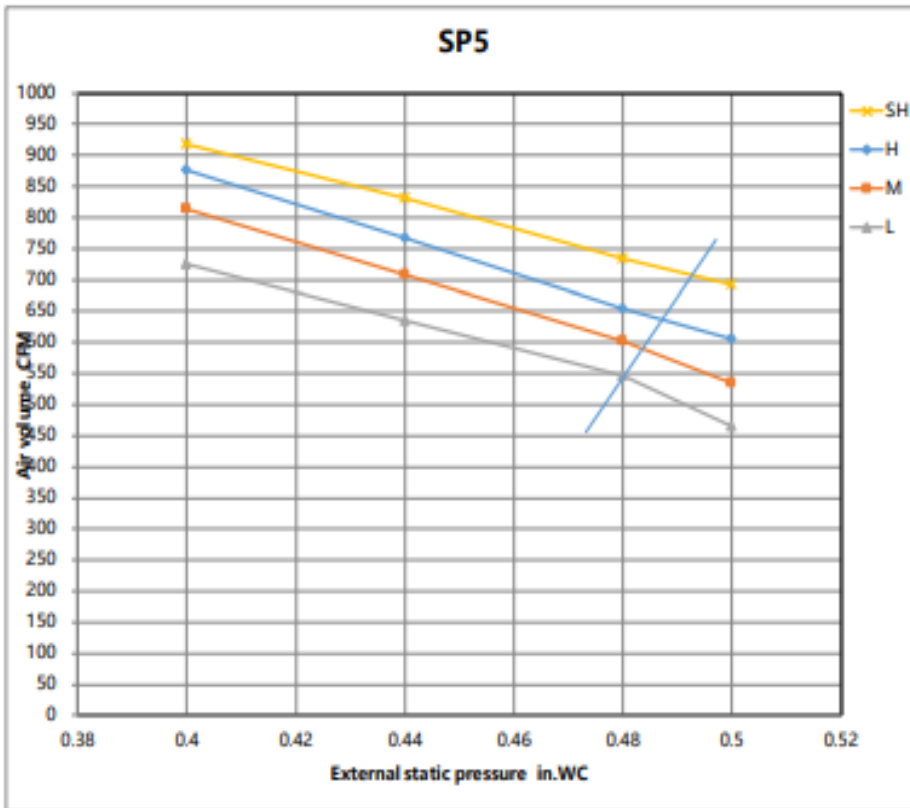
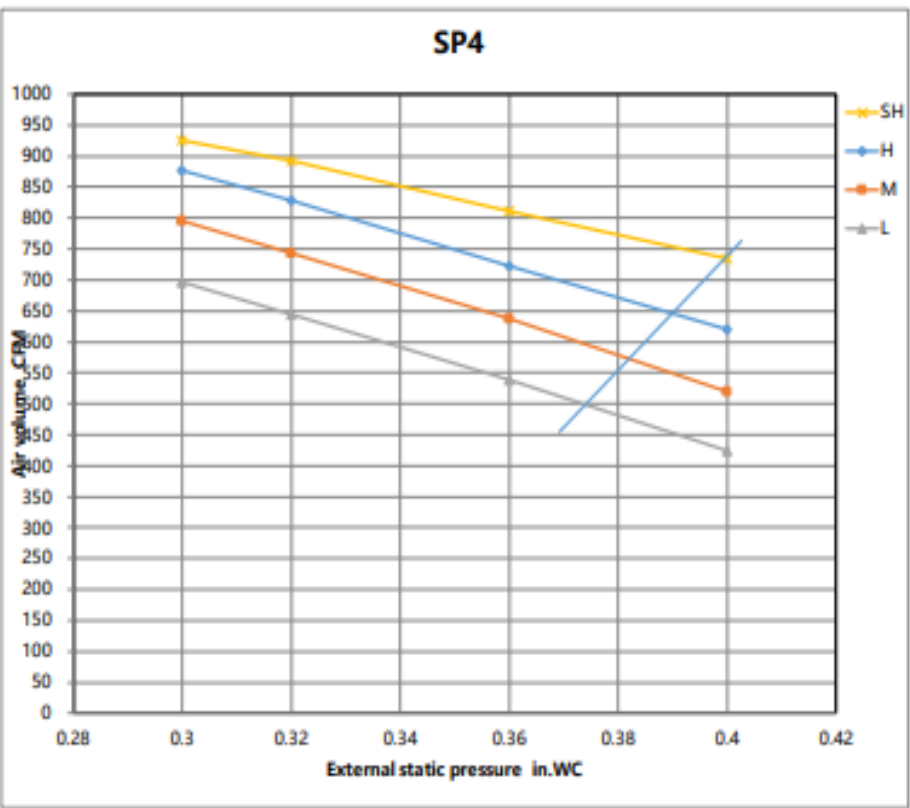
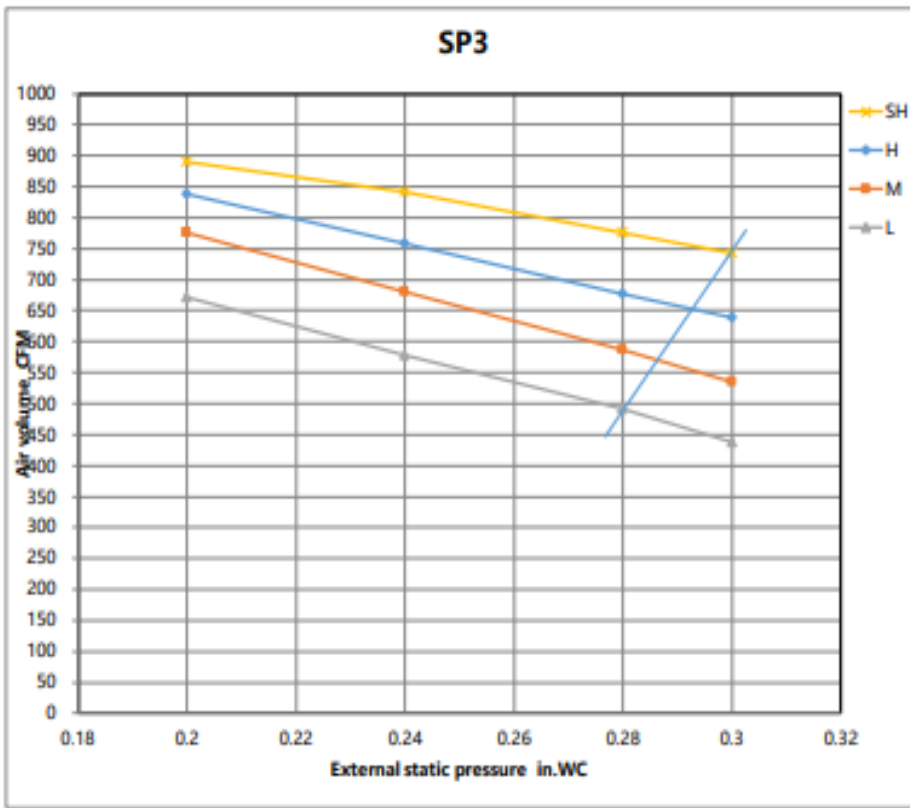
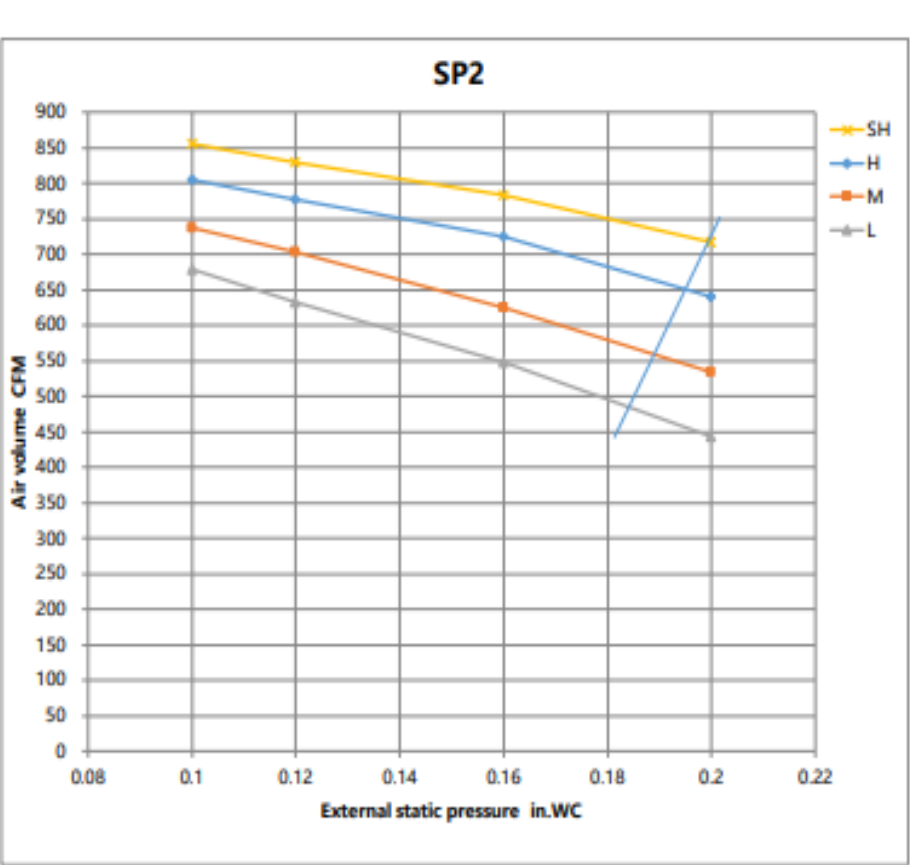
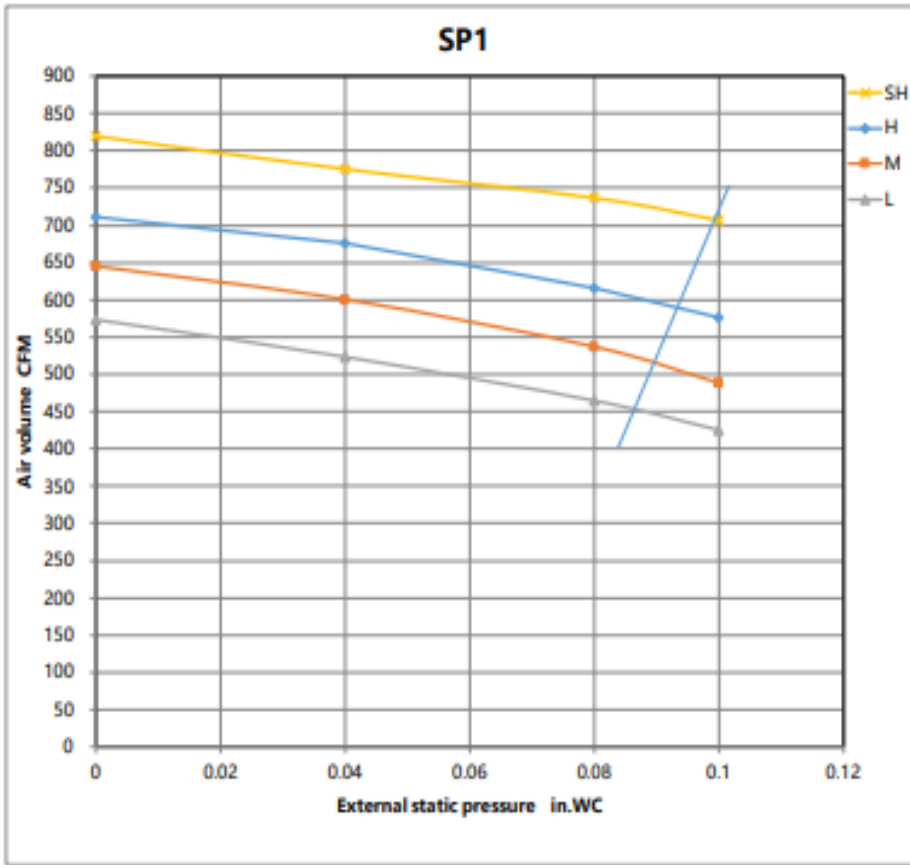
1) Ceiling-mounted

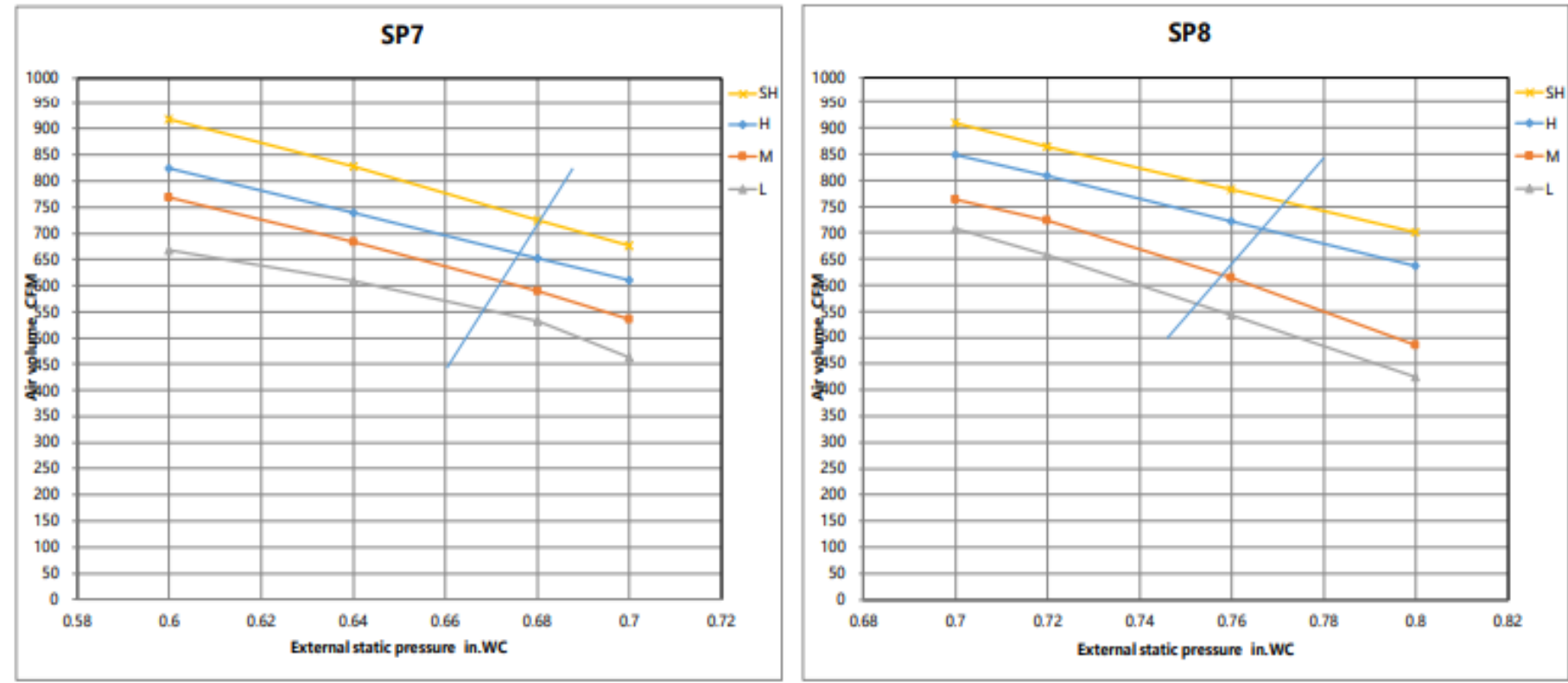


2) Wall-mounted

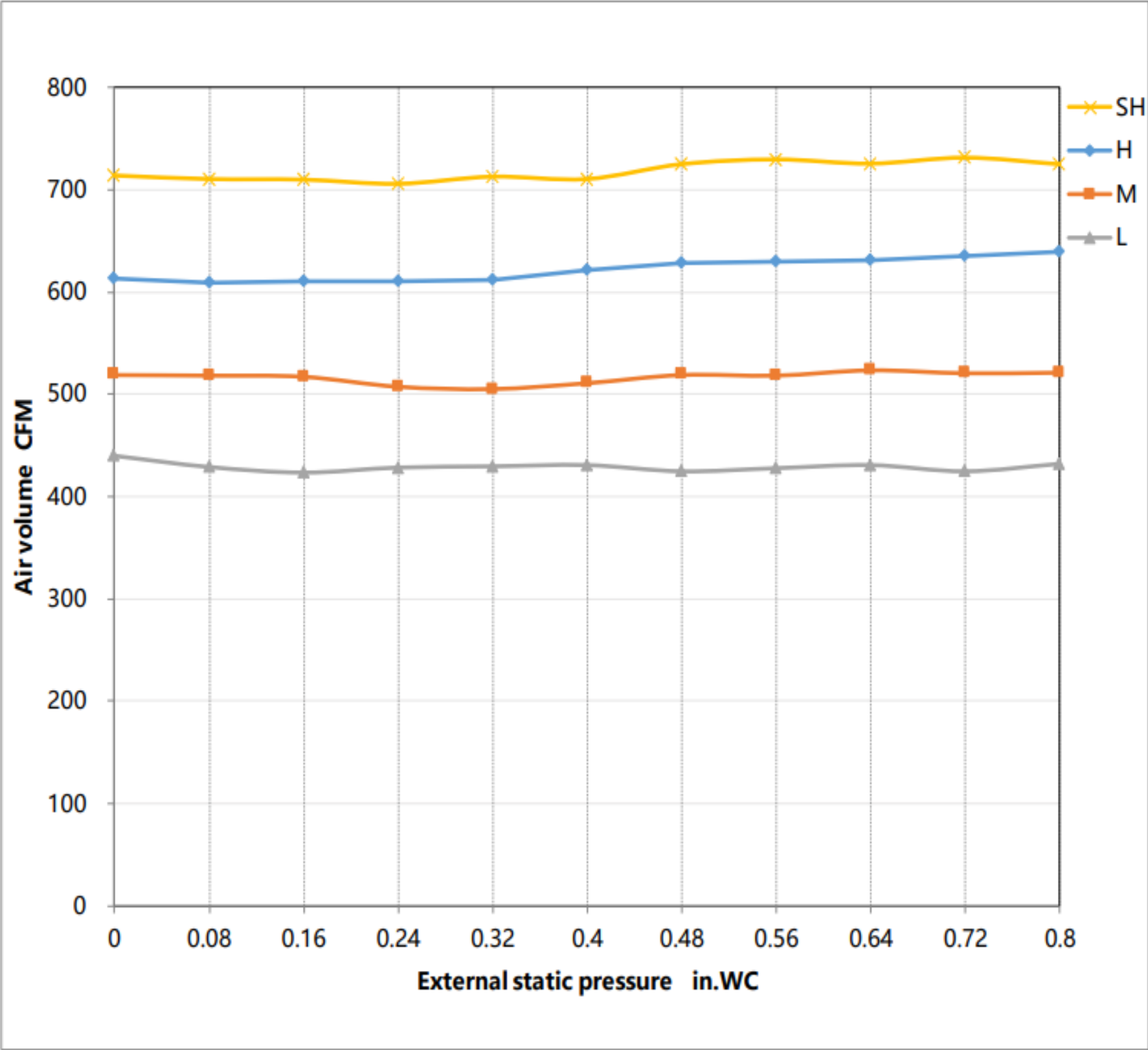


Fan performance





Constant air volume



SUBMITTAL DATA SHEET



Series Name: M4 High Static Slim Duct
Model Number: [MDH24H2MHWA](#)

M4 High Static Slim Duct	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

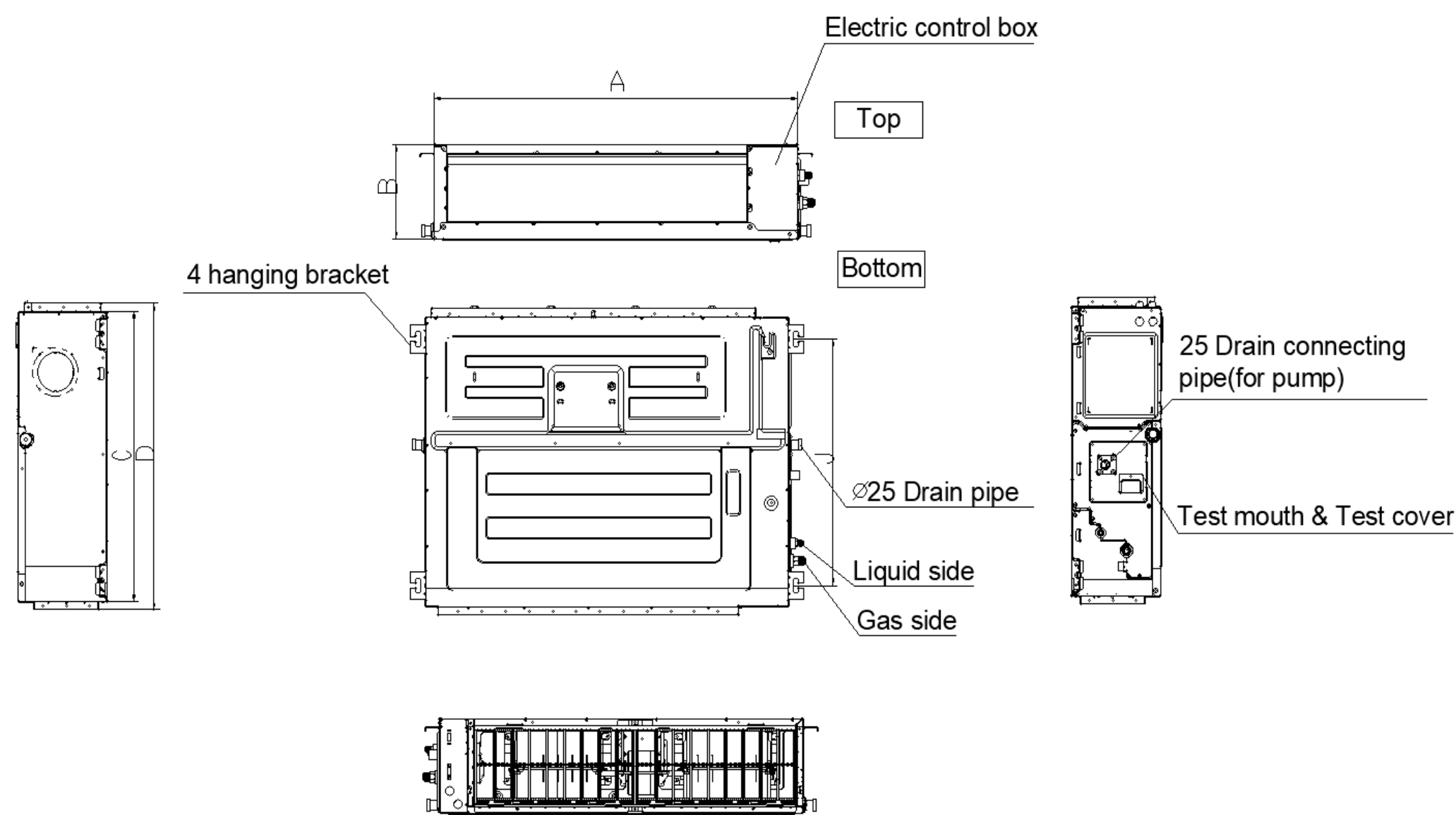


INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		853.5 / 706.3 / 618.0 / 500.3 / N/A
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		43/40.0/38/35.5/29.5
Indoor static pressure range		0-0.8
Dimension (W×D×H)	inch	39.37 x 29.53 x 9.65
	mm	1000.0×750.0×245.0
Package (W×D×H)	inch	48.23 x 33.86 x 11.97
	mm	1225×860×304
Net/Gross Weight	lbs	80.47/91.93
	kg	36.5/41.7

ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
Indoor Fan Motor RLA	2.2
Indoor Fan Motor W	165

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

Indoor Unit Dimension

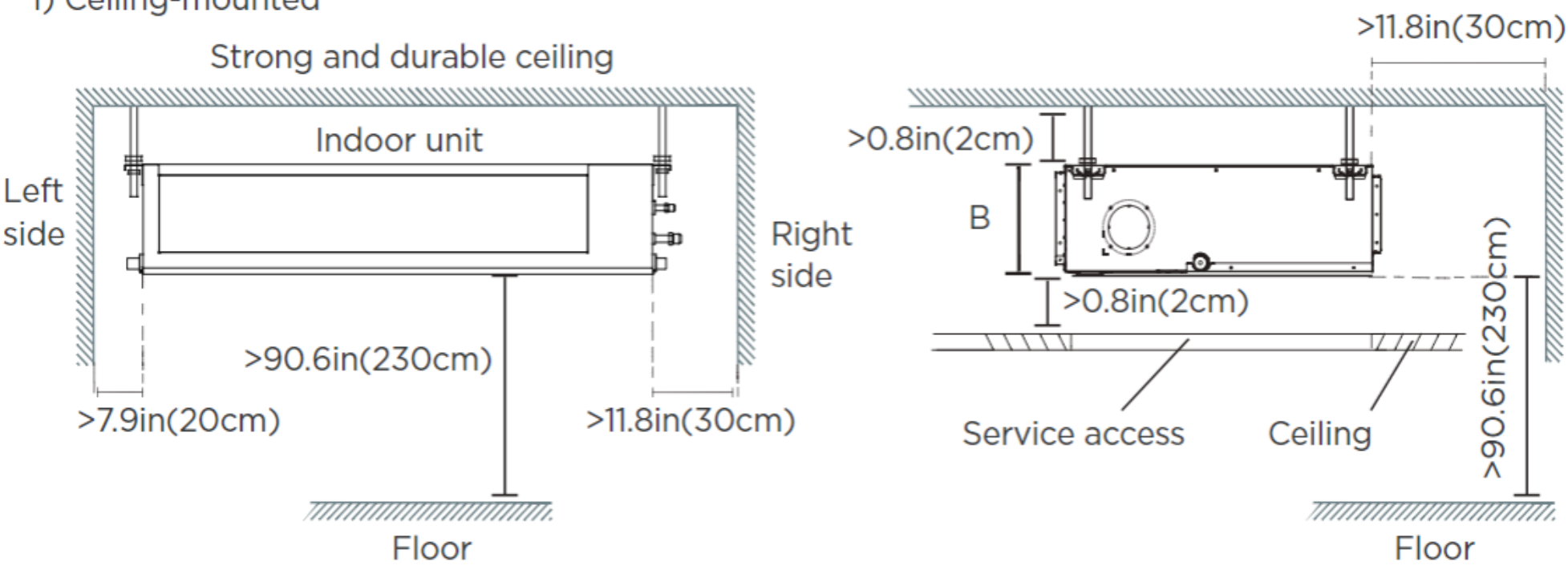


MODEL	A	B	C	D
9K	27-1/2in(700mm)	7-7/8in(200mm)	17-3/4(450mm)	20in(506mm)
12K	27-1/2in(700mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
18K~24K	39-3/8in(1000mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
36K~48K	47-1/8in(1200mm)	11-7/8in(300mm)	29-1/2(750mm)	31-1/4in(795mm)
60K	55-1/8in(1400mm)	15in(380mm)	31-1/2in(800mm)	33-1/4in(845mm)

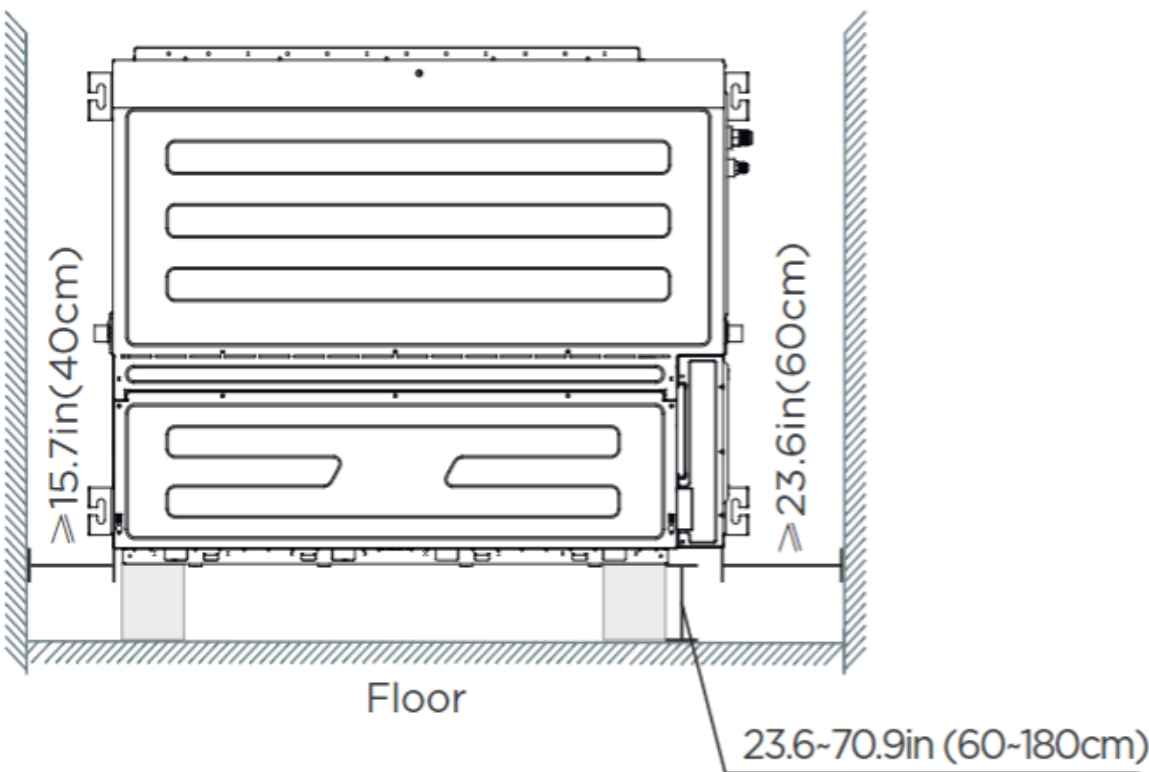
Installation place

The distance between the mounted indoor unit should meet the specifications illlustrated in the following diagram.

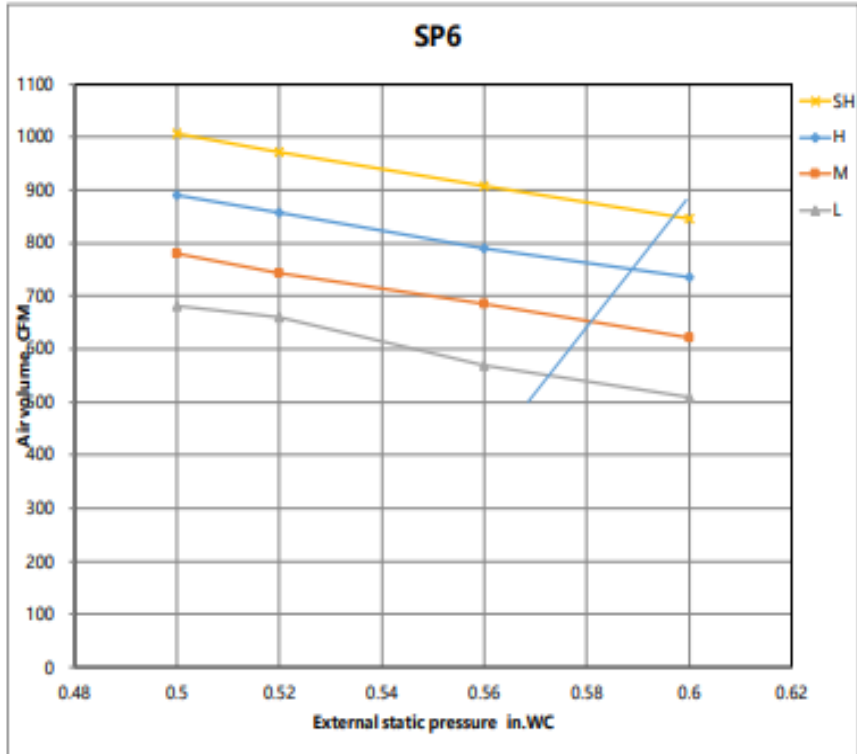
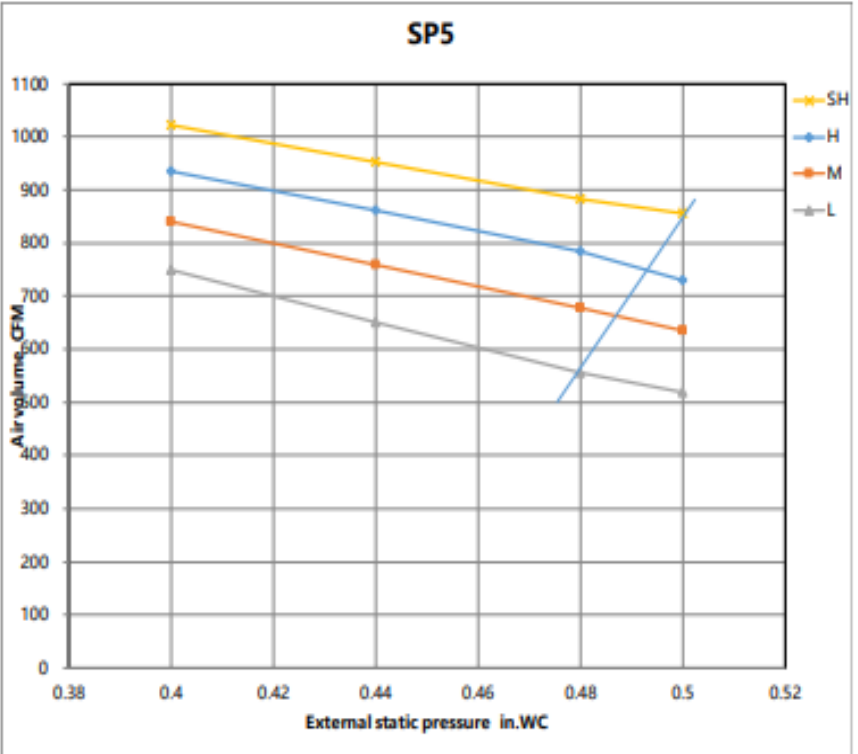
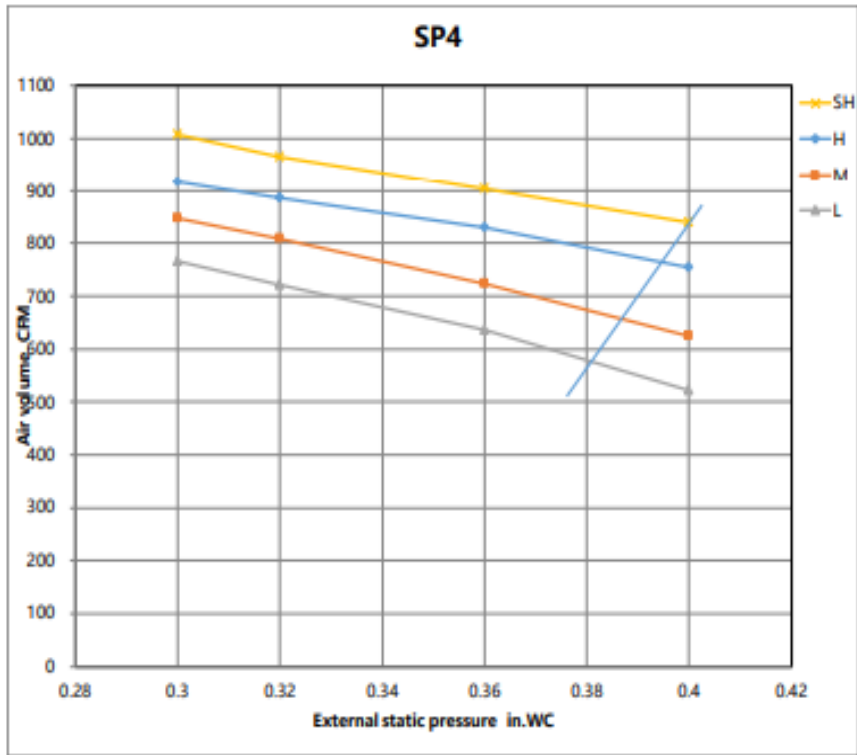
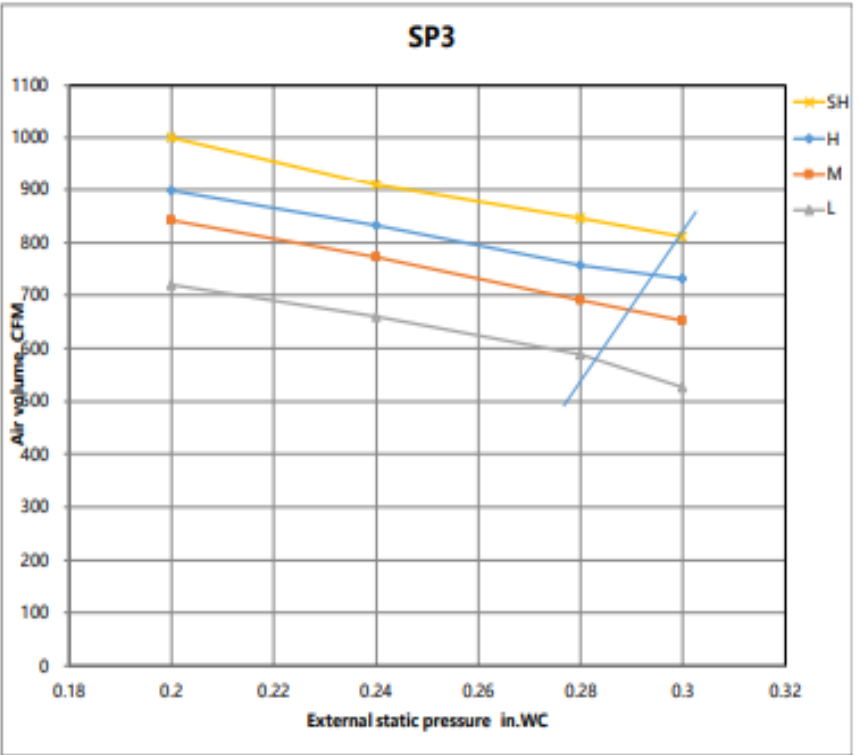
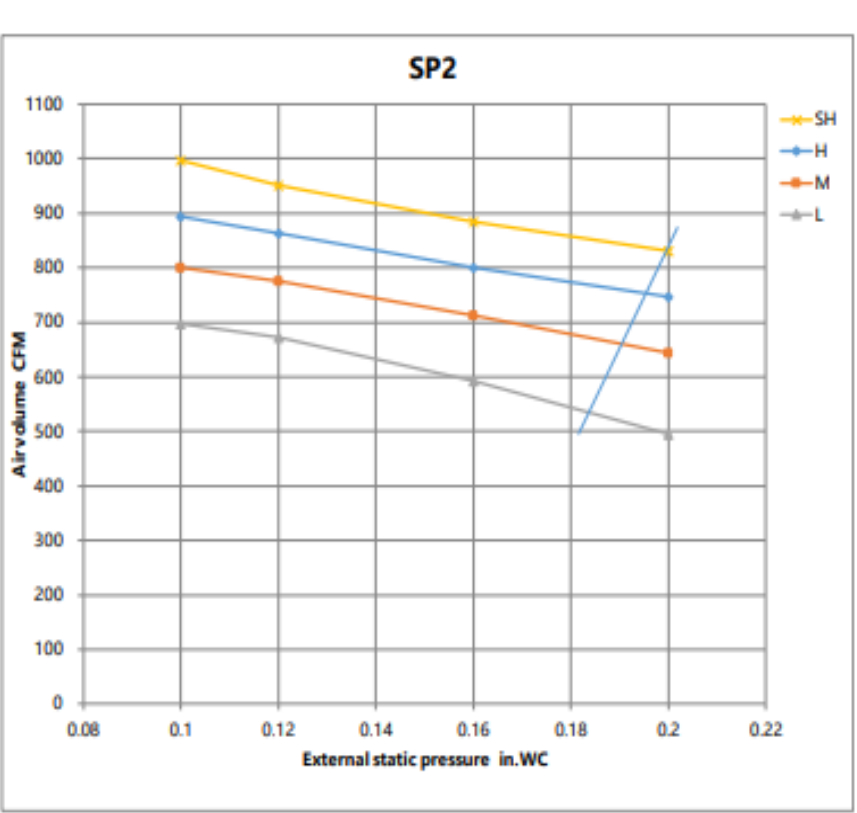
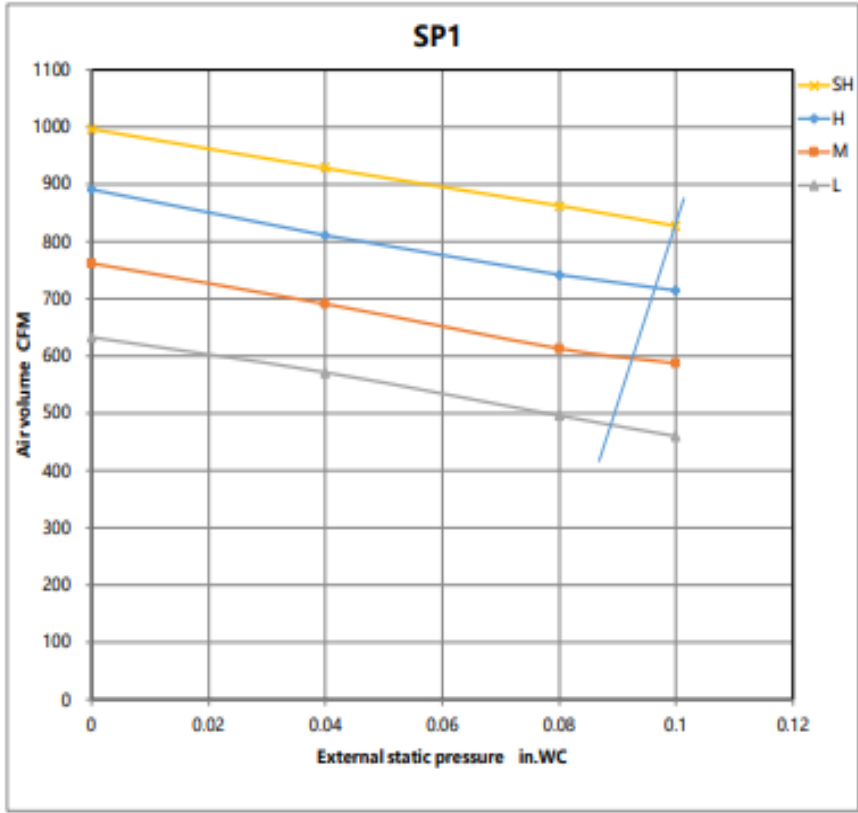
1) Ceiling-mounted

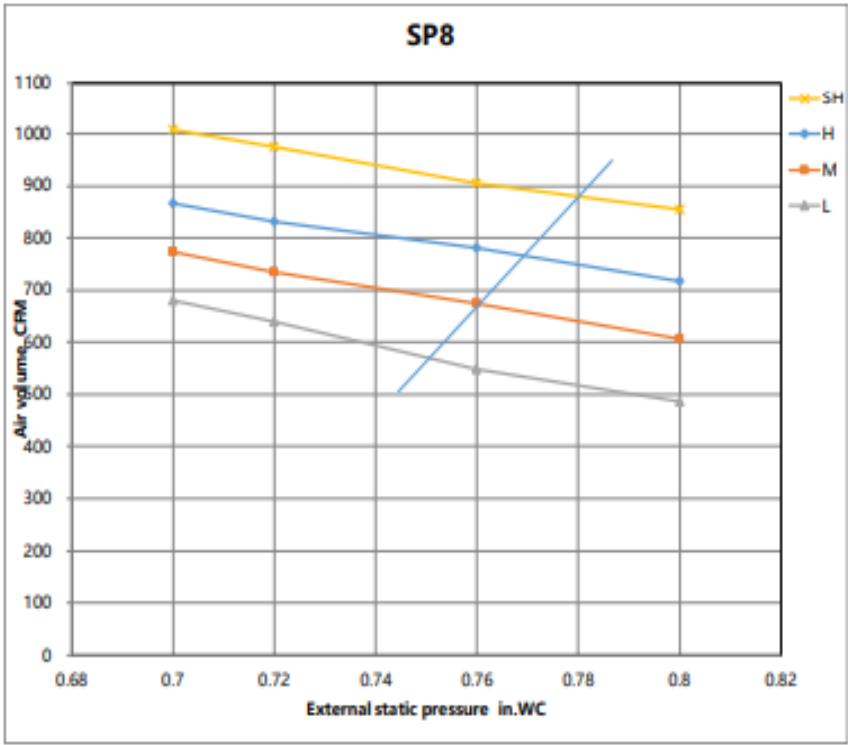
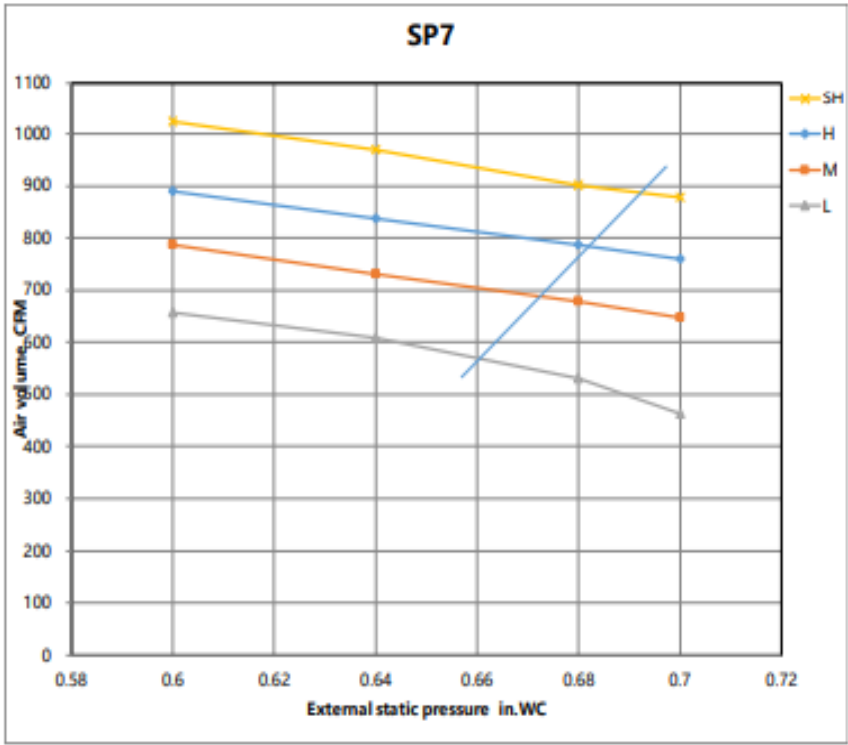


2) Wall-mounted

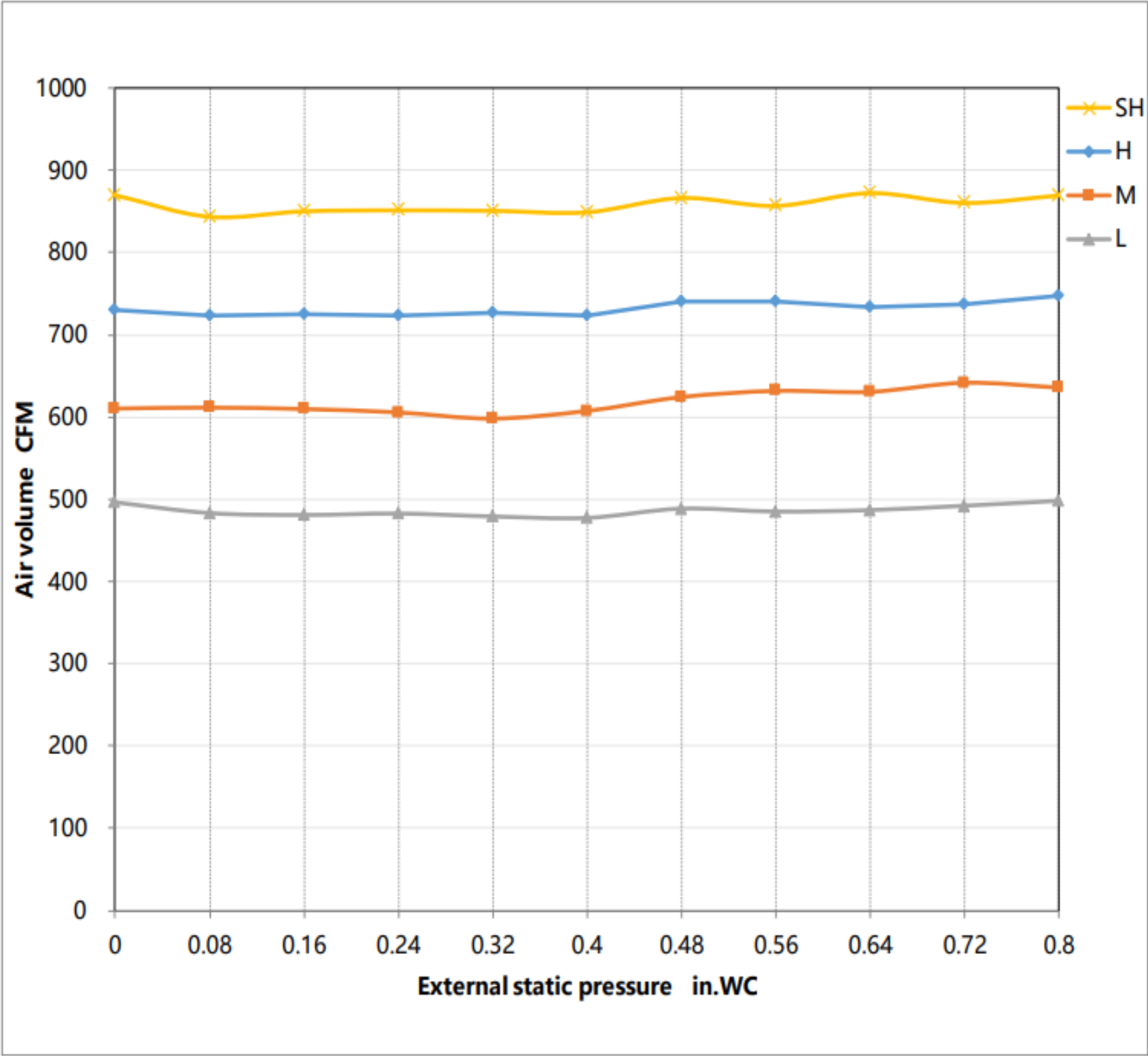


Fan performance





Constant air volume



SUBMITTAL DATA SHEET



Series Name: M4 High Static Slim Duct
Model Number: [MDH36H2MHWA](#)

M4 High Static Slim Duct	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

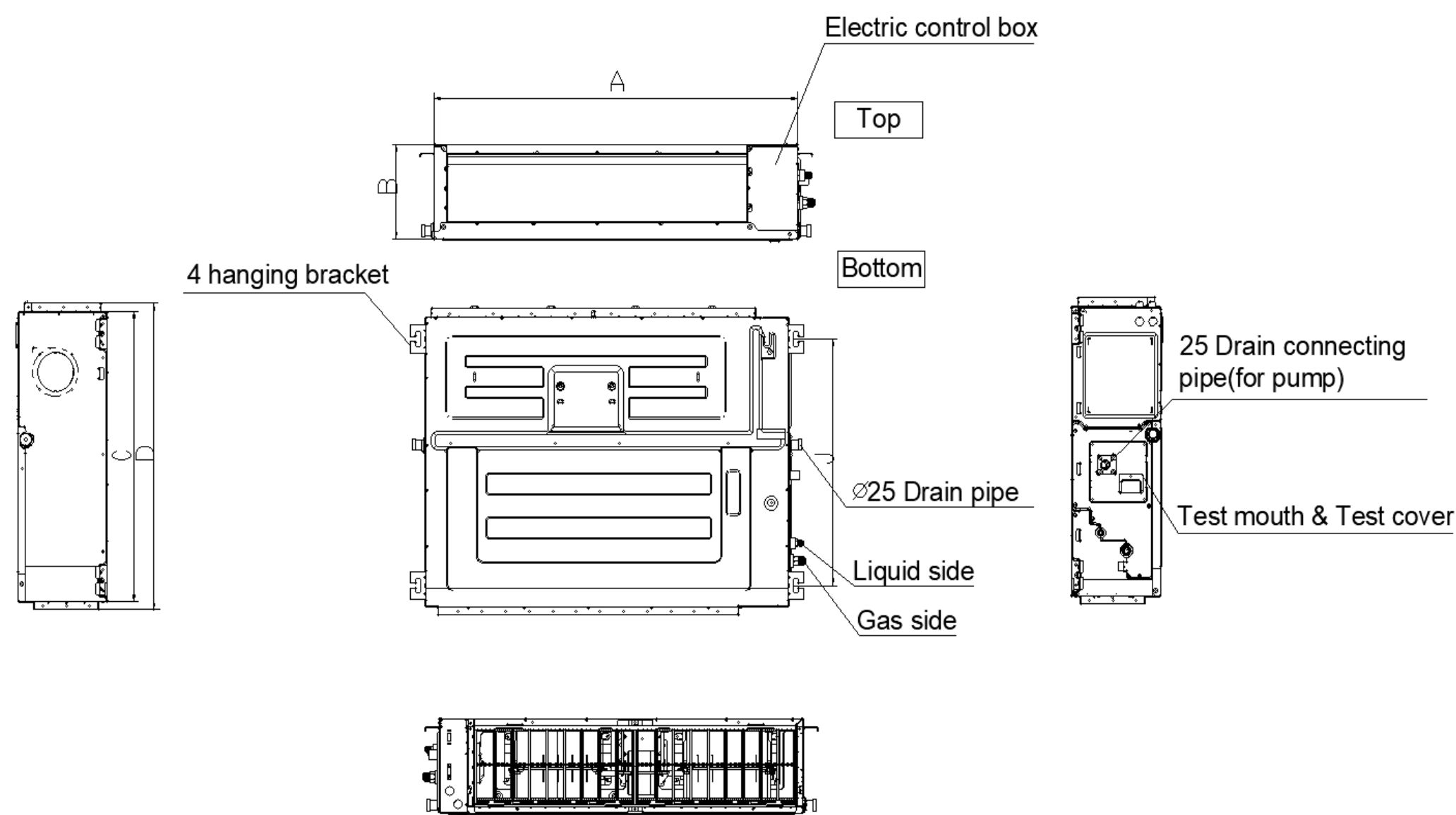


INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		1236.1 / 1059.5 / 941.8 / 765.2 / N/A
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		N/A/45/40/34/31
Indoor static pressure range		0 - 0.8
Dimension (W×D×H)	inch	47.24 x 29.53 x 11.81
	mm	1200.0×750.0×300.0
Package (W×D×H)	inch	56.10 x 33.86 x 14.13
	mm	1425×860×359
Net/Gross Weight	lbs	106.26/120.37
	kg	48.2/54.6

ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
Indoor Fan Motor RLA	3.2
Indoor Fan Motor W	400

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

Indoor Unit Dimension

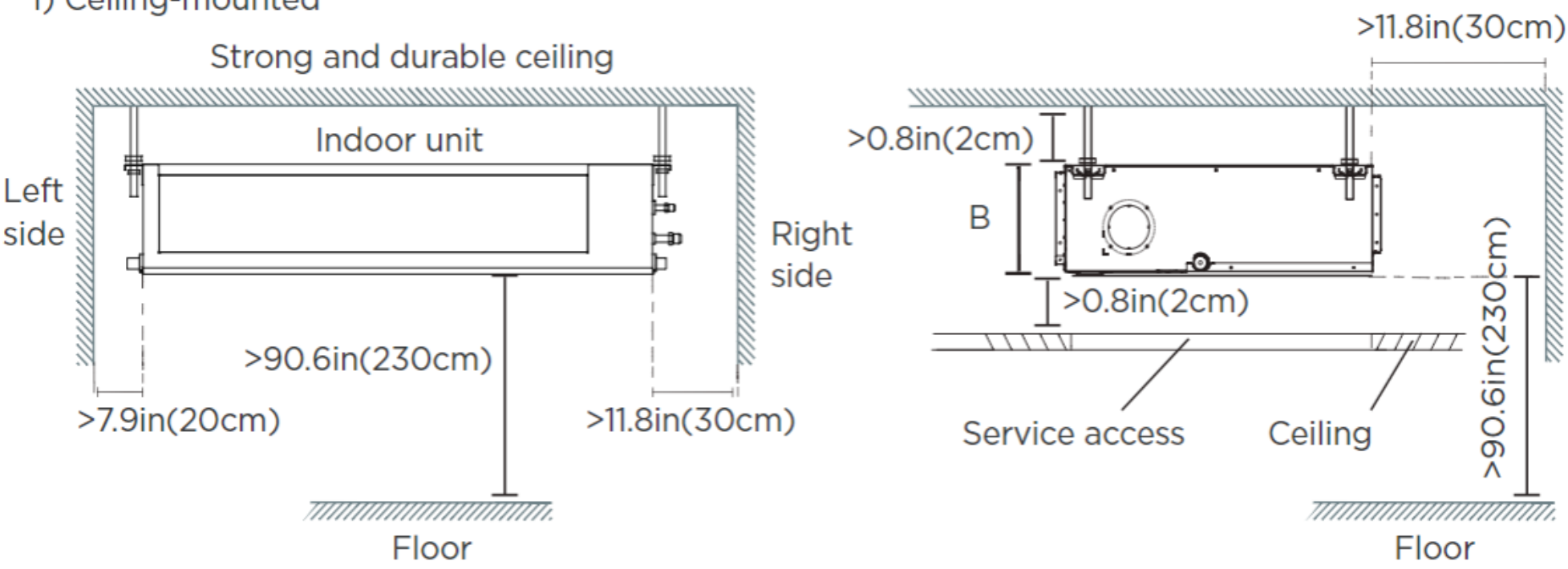


MODEL	A	B	C	D
9K	27-1/2in(700mm)	7-7/8in(200mm)	17-3/4(450mm)	20in(506mm)
12K	27-1/2in(700mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
18K~24K	39-3/8in(1000mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
36K~48K	47-1/8in(1200mm)	11-7/8in(300mm)	29-1/2(750mm)	31-1/4in(795mm)
60K	55-1/8in(1400mm)	15in(380mm)	31-1/2in(800mm)	33-1/4in(845mm)

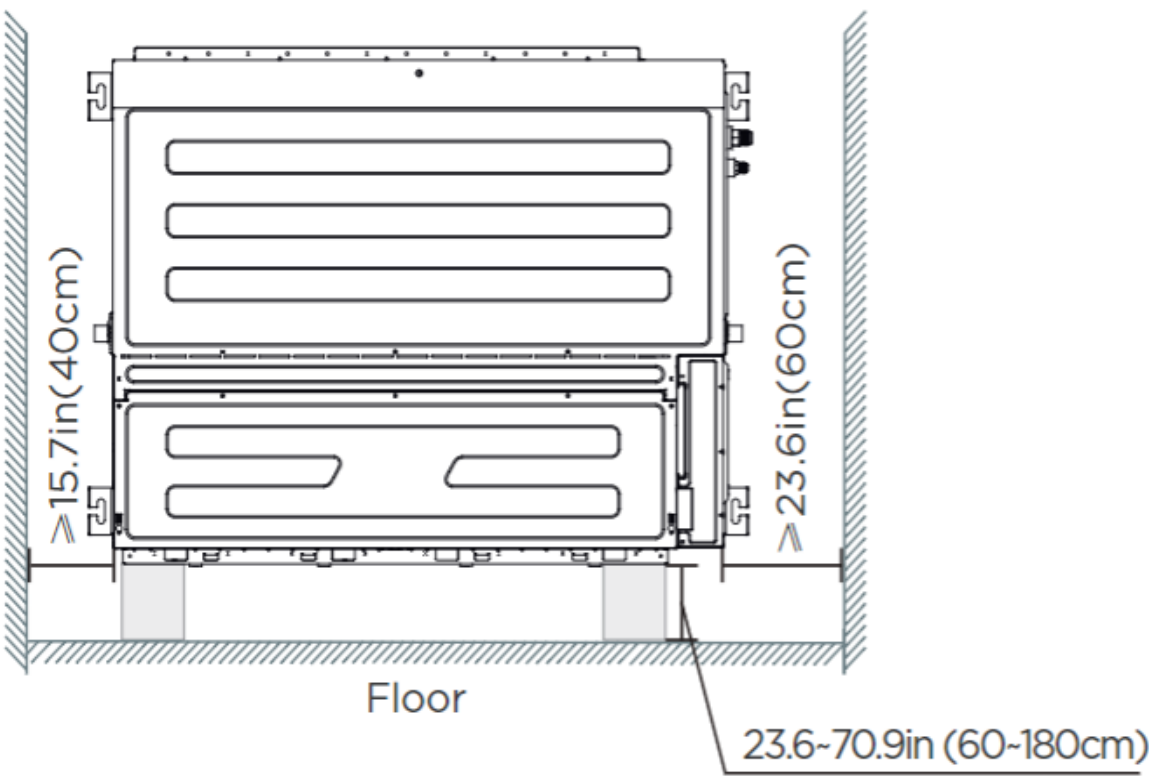
Installation place

The distance between the mounted indoor unit should meet the specifications illlustrated in the following diagram.

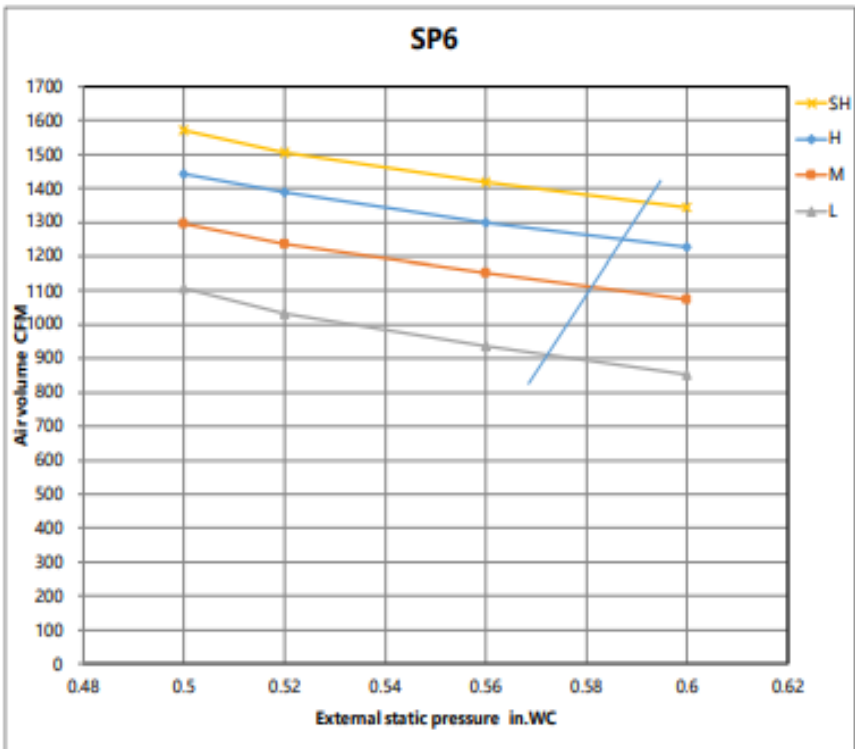
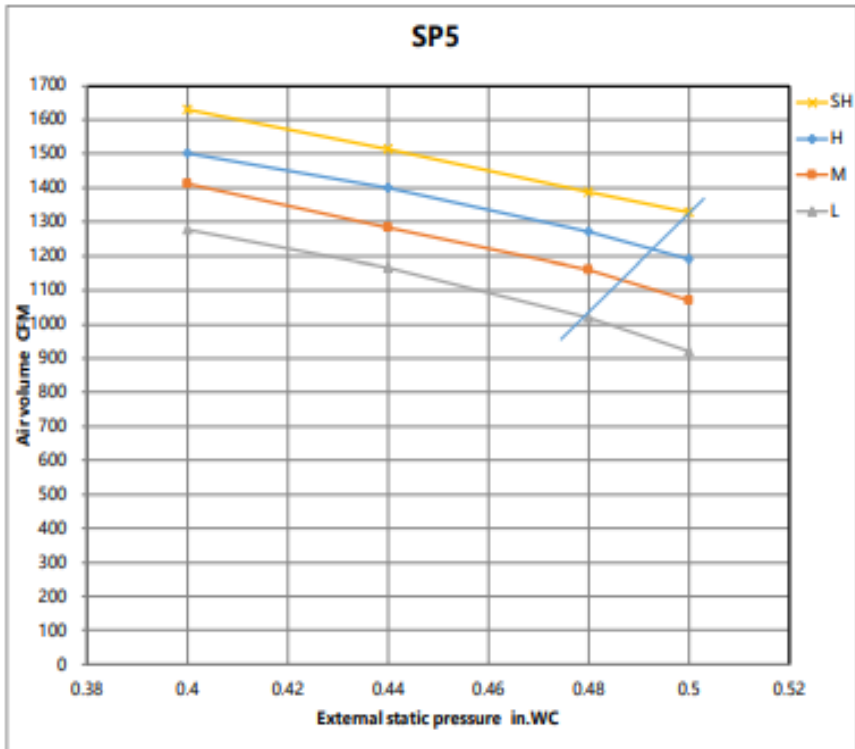
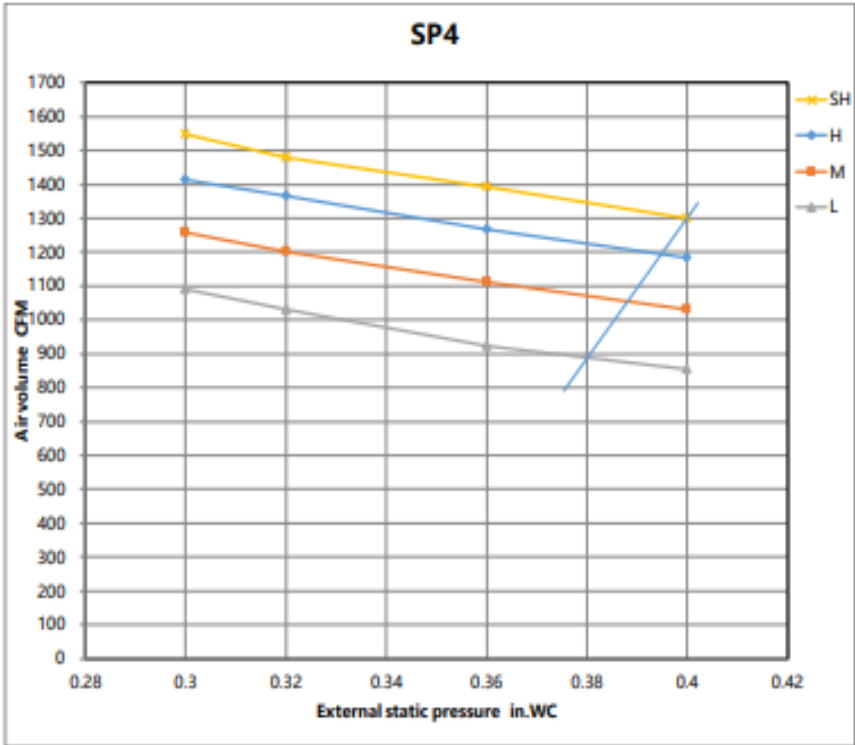
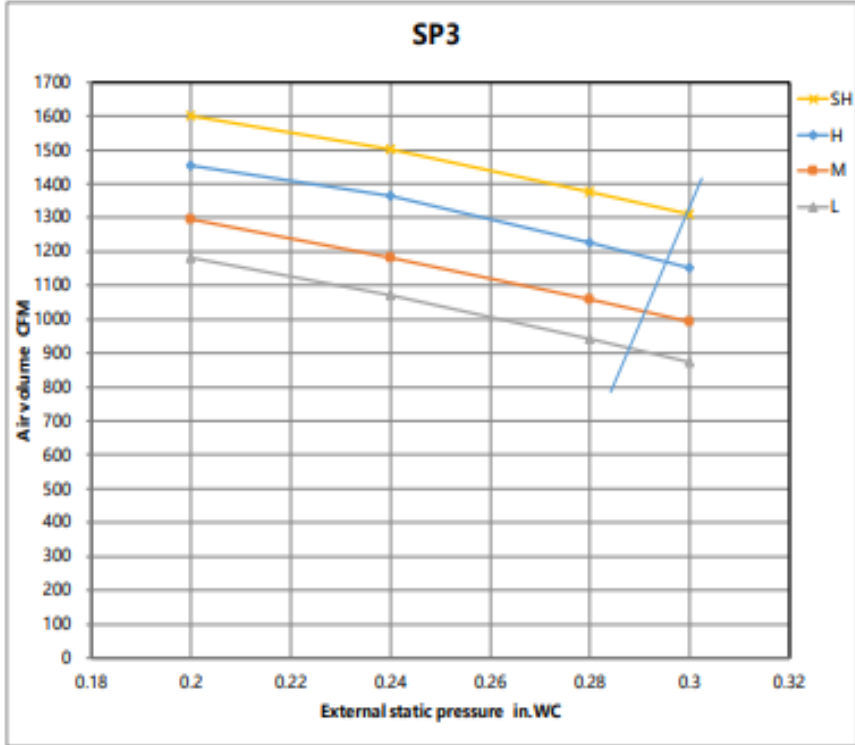
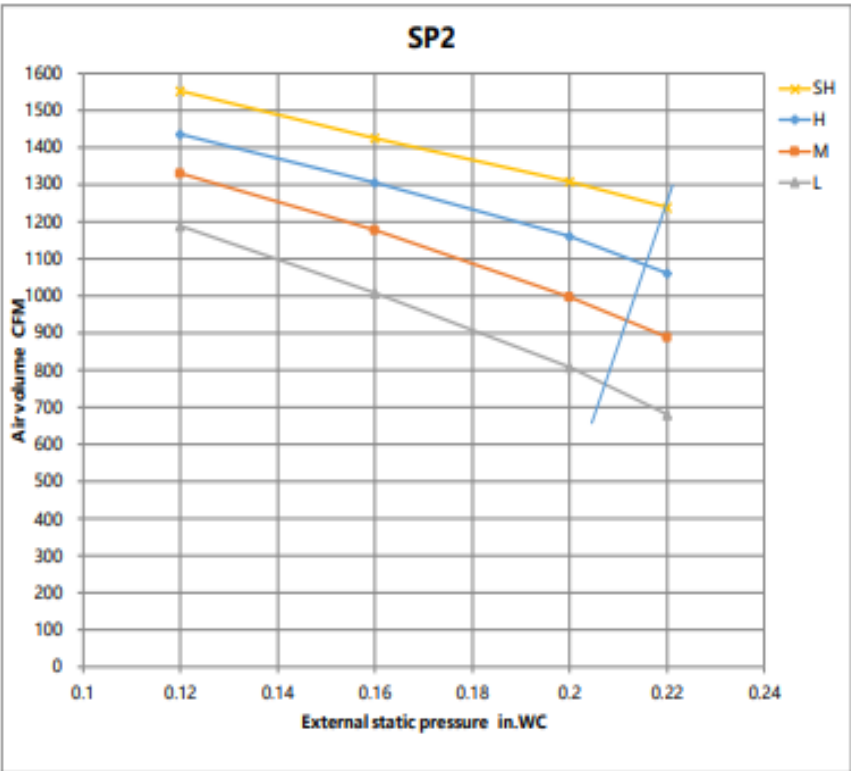
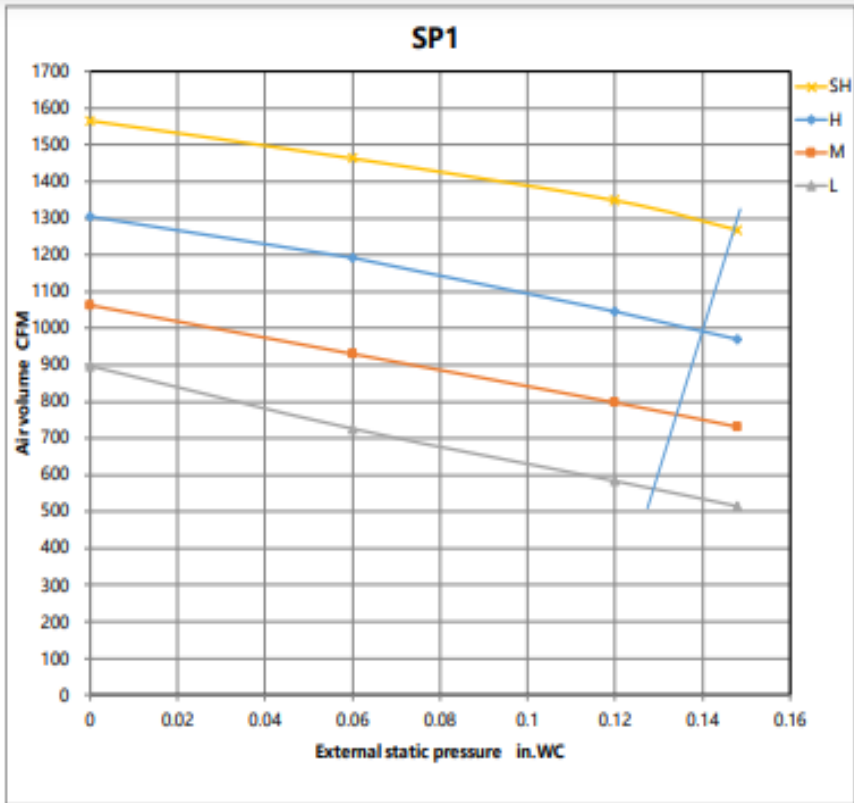
1) Ceiling-mounted

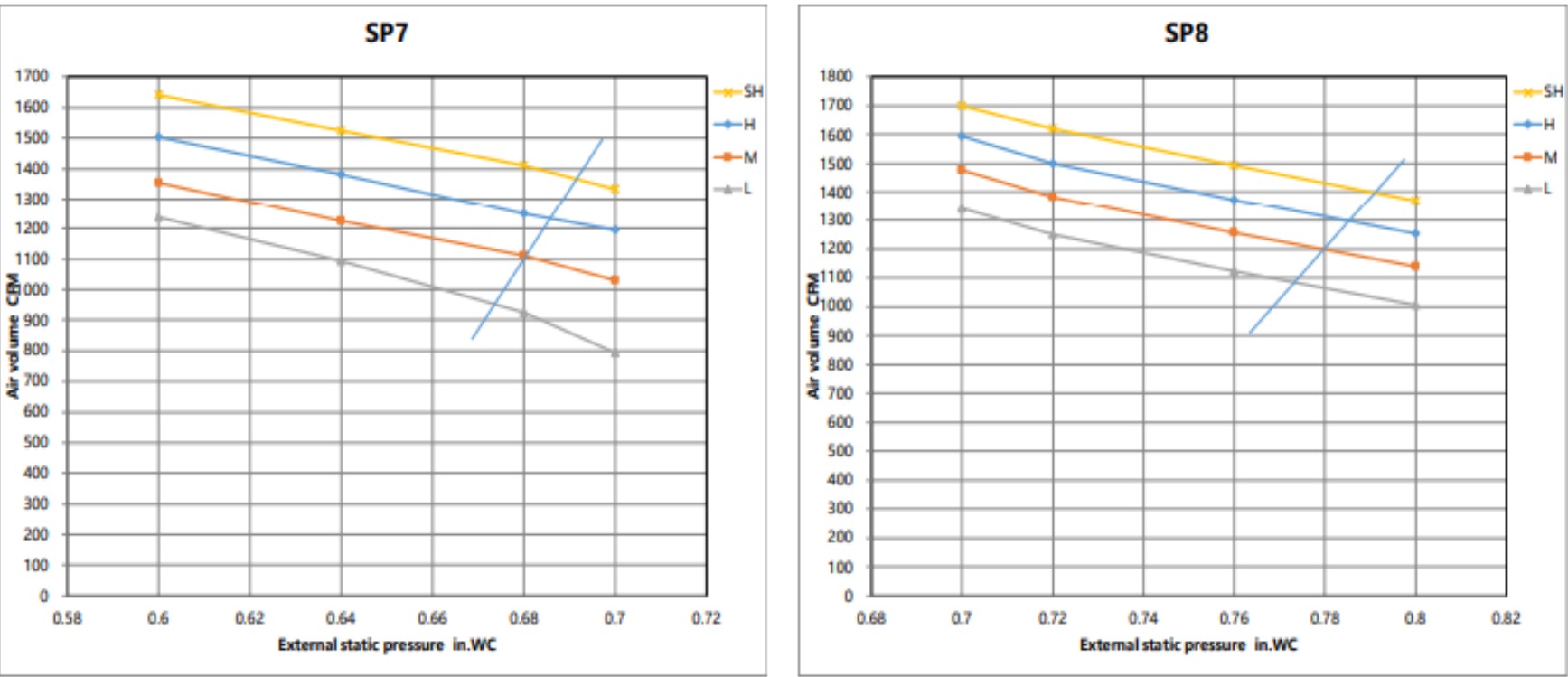


2) Wall-mounted

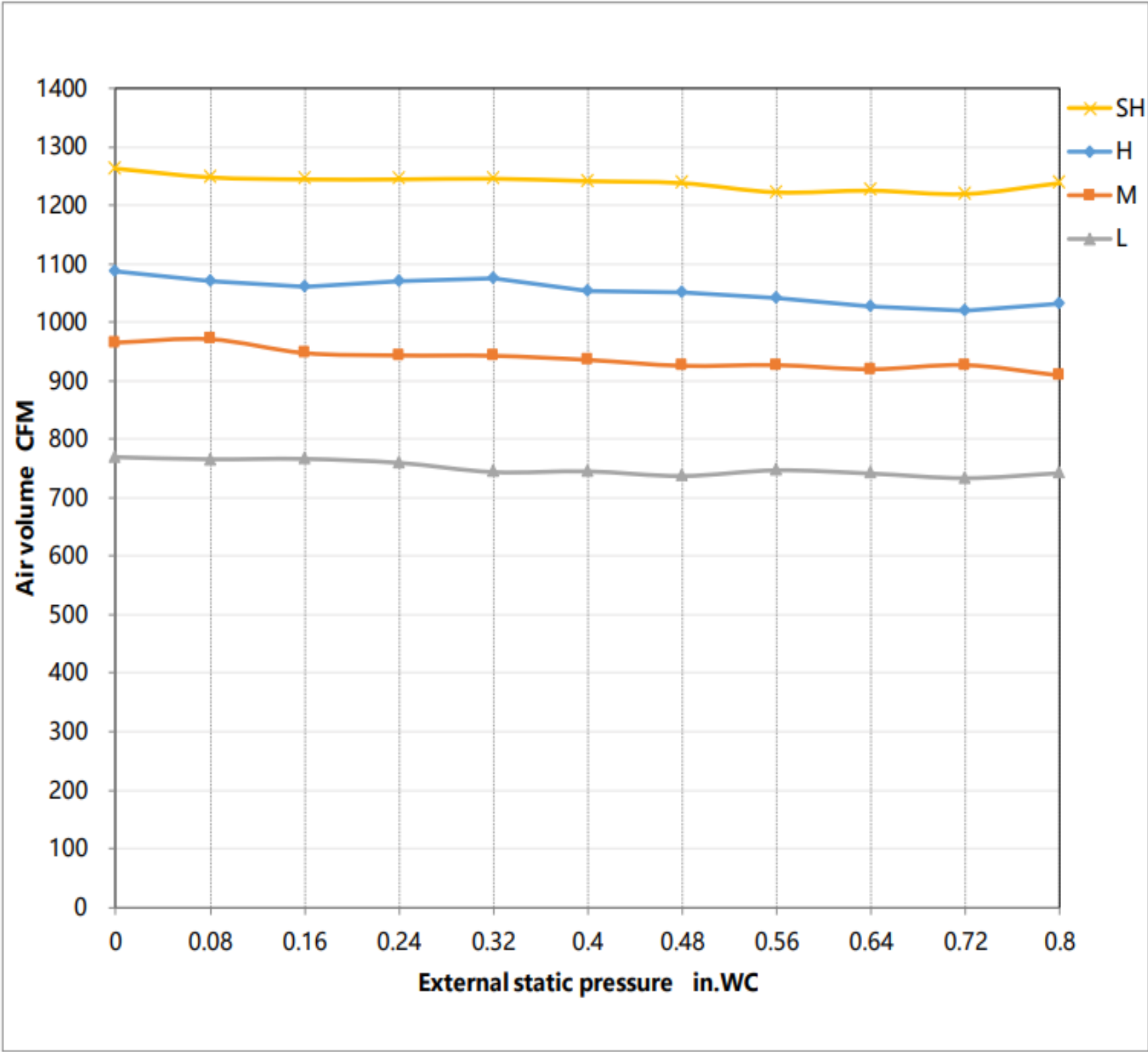


Fan performance





Constant air volume



SUBMITTAL DATA SHEET



Series Name: M4 High Static Slim Duct
Model Number: [MDH48H2MHW](#)

M4 High Static Slim Duct	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

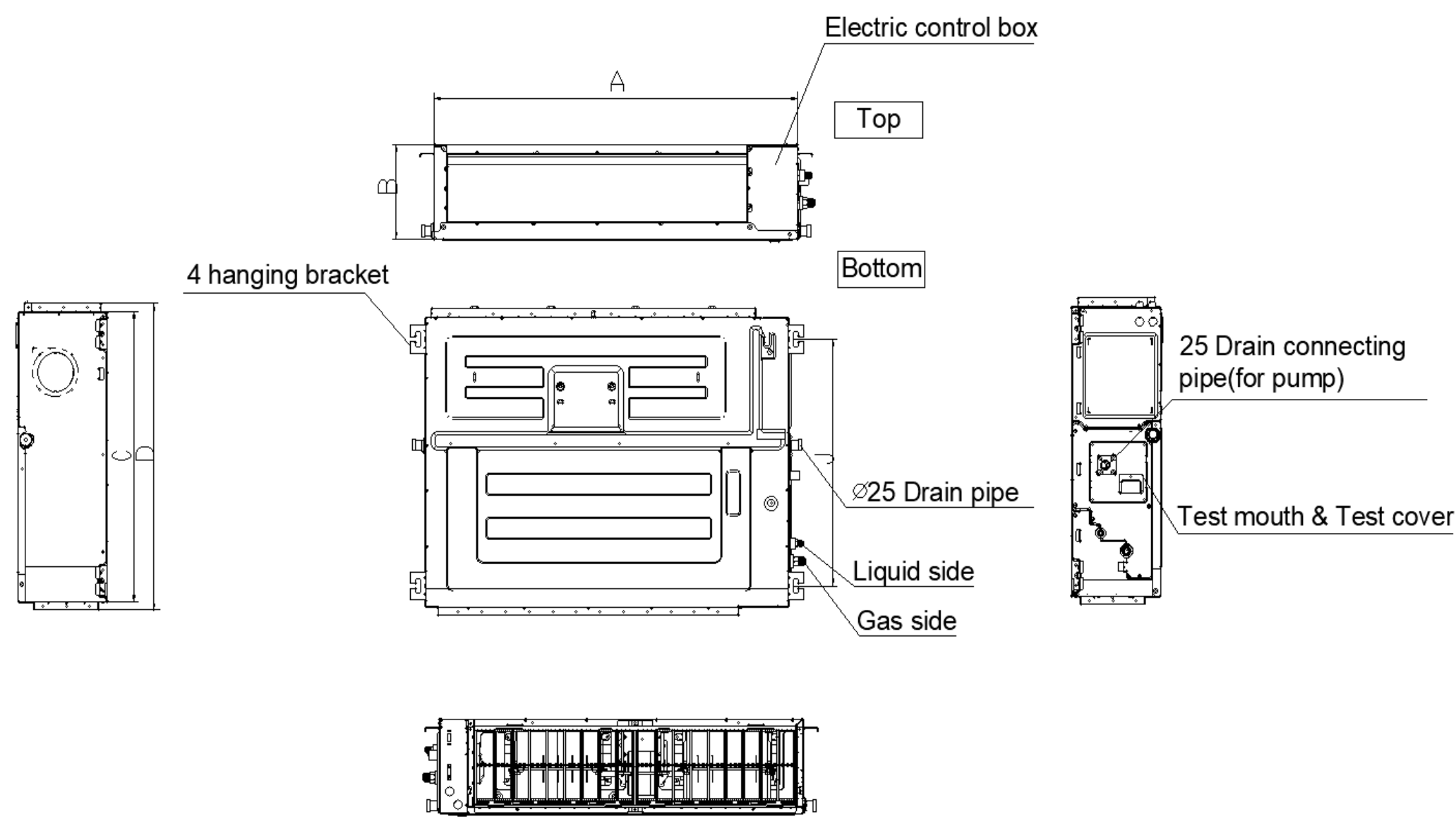


INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		1648.1 / 1471.5 / 1294.9 / 1059.5 /N/A
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		N/A/51/46/42/40
Indoor static pressure range		0 - 0.8
Dimension (W×D×H)	inch	47.24 x 29.53 x 11.81
	mm	1200.0×750.0×300.0
Package (W×D×H)	inch	56.10 x 33.86 x 14.13
	mm	1425×860×359
Net/Gross Weight	lbs	111.33/124.78
	kg	50.5/56.6

ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
Indoor Fan Motor RLA	4
Indoor Fan Motor W	560

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

Indoor Unit Dimension

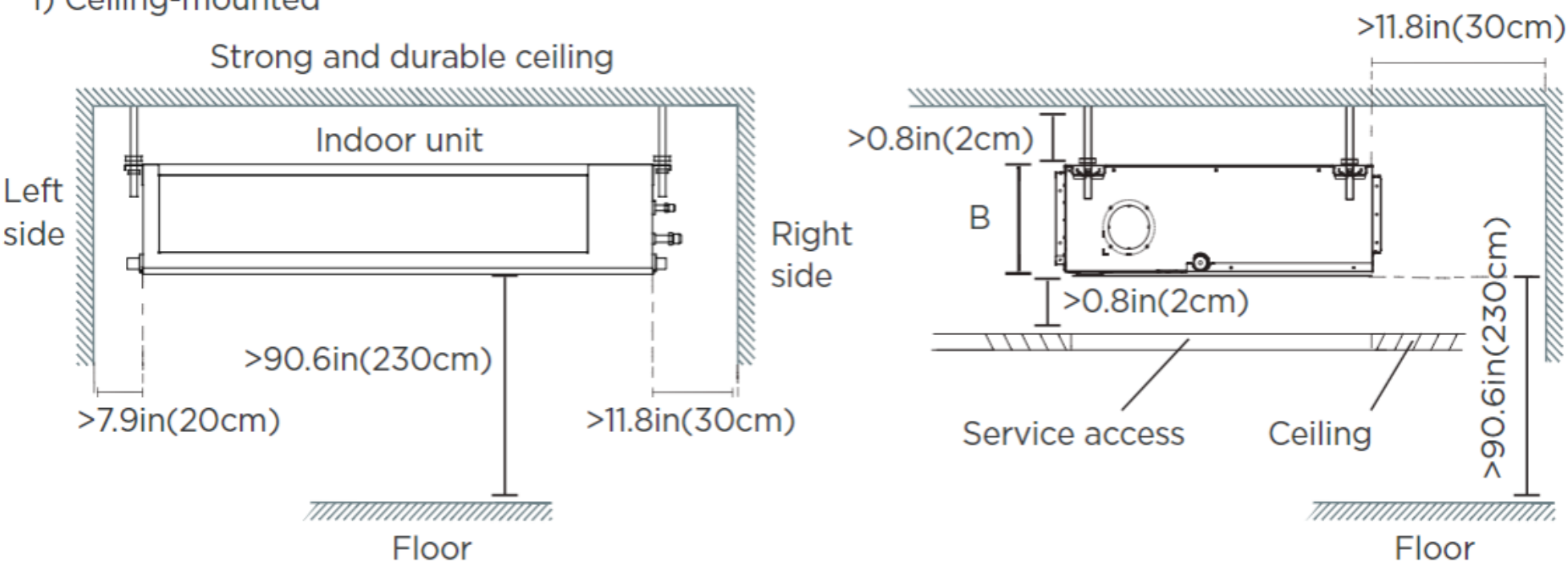


MODEL	A	B	C	D
9K	27-1/2in(700mm)	7-7/8in(200mm)	17-3/4(450mm)	20in(506mm)
12K	27-1/2in(700mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
18K~24K	39-3/8in(1000mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
36K~48K	47-1/8in(1200mm)	11-7/8in(300mm)	29-1/2(750mm)	31-1/4in(795mm)
60K	55-1/8in(1400mm)	15in(380mm)	31-1/2in(800mm)	33-1/4in(845mm)

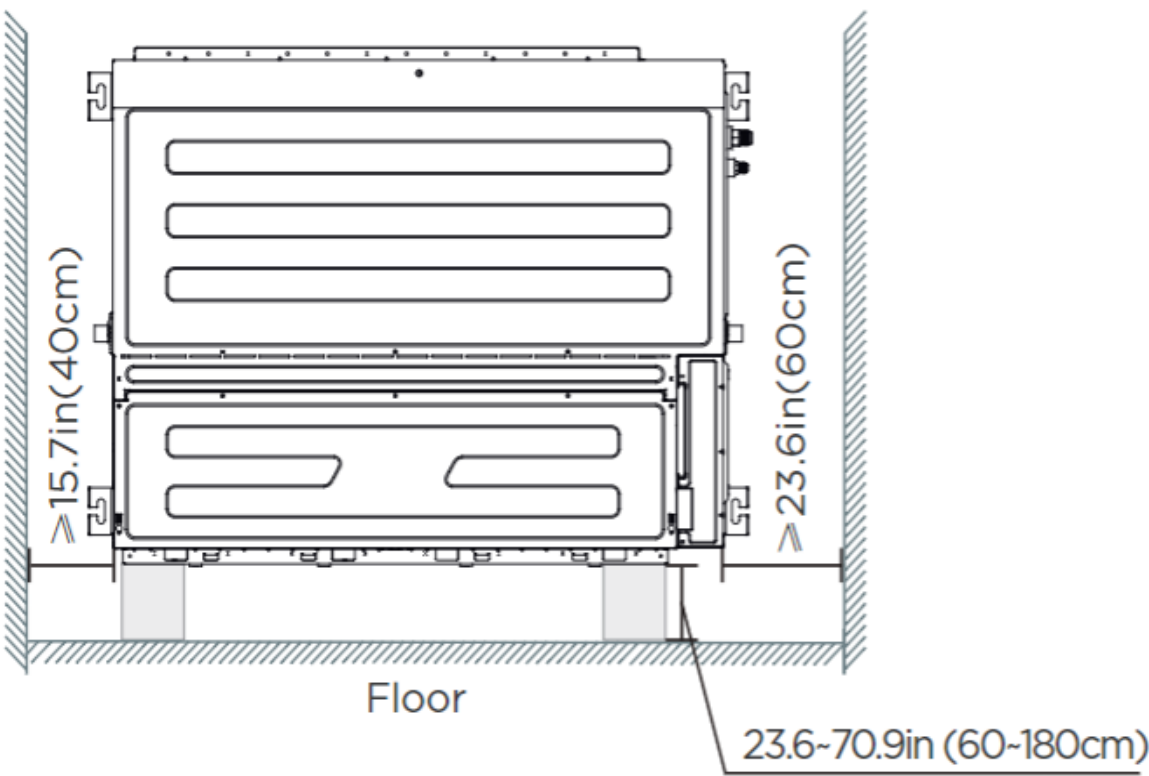
Installation place

The distance between the mounted indoor unit should meet the specifications illlustrated in the following diagram.

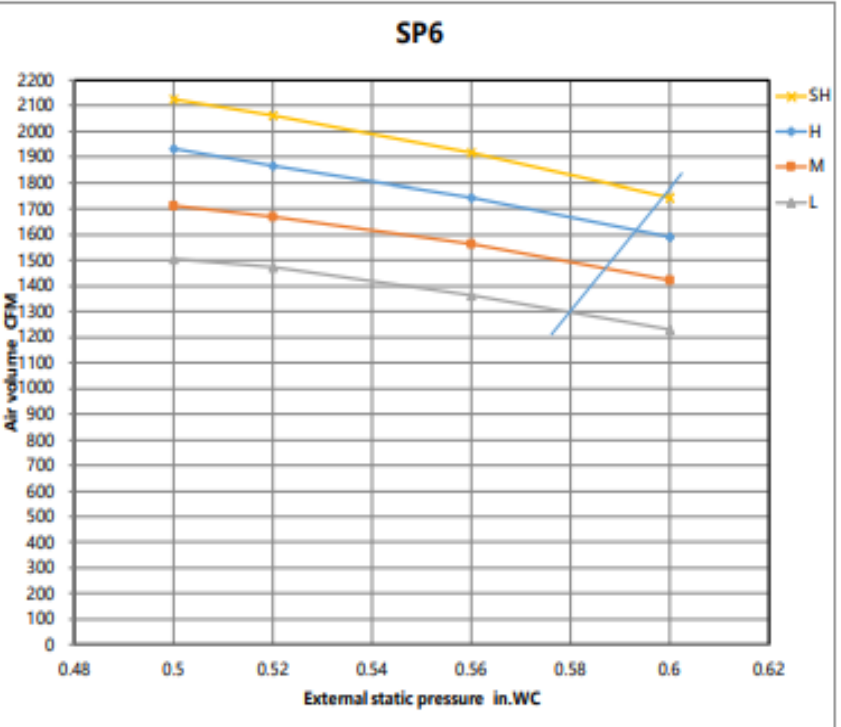
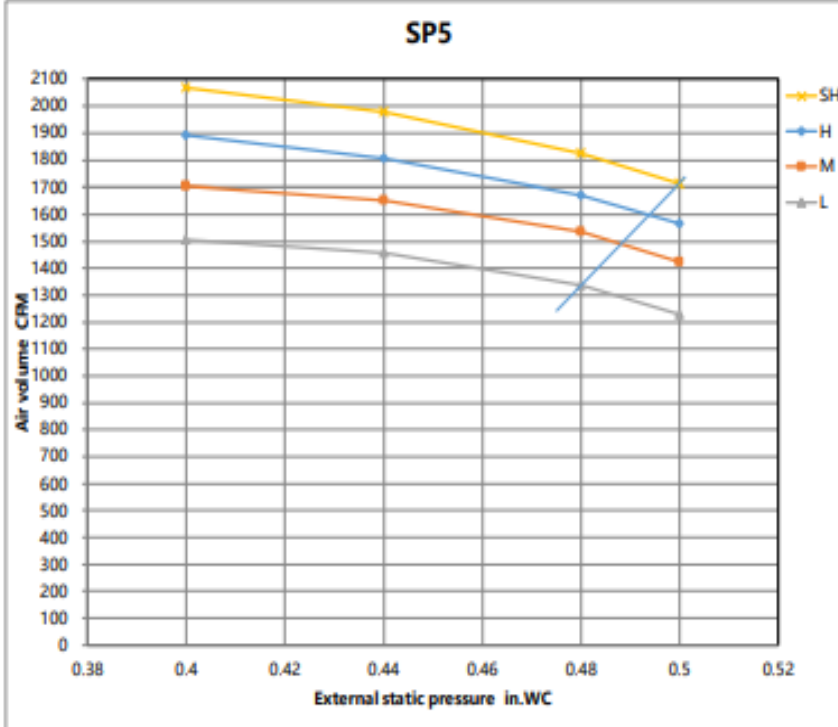
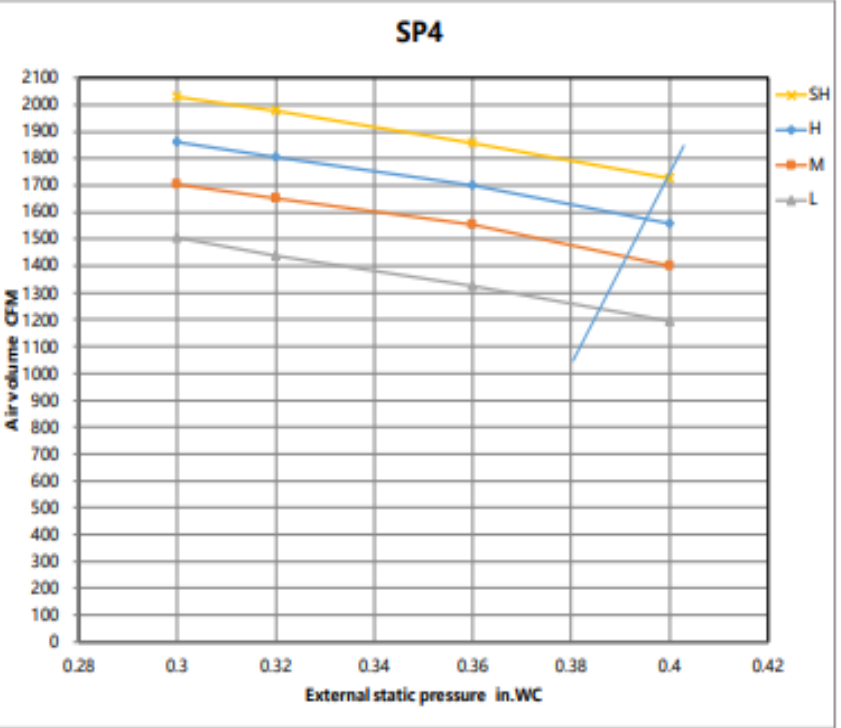
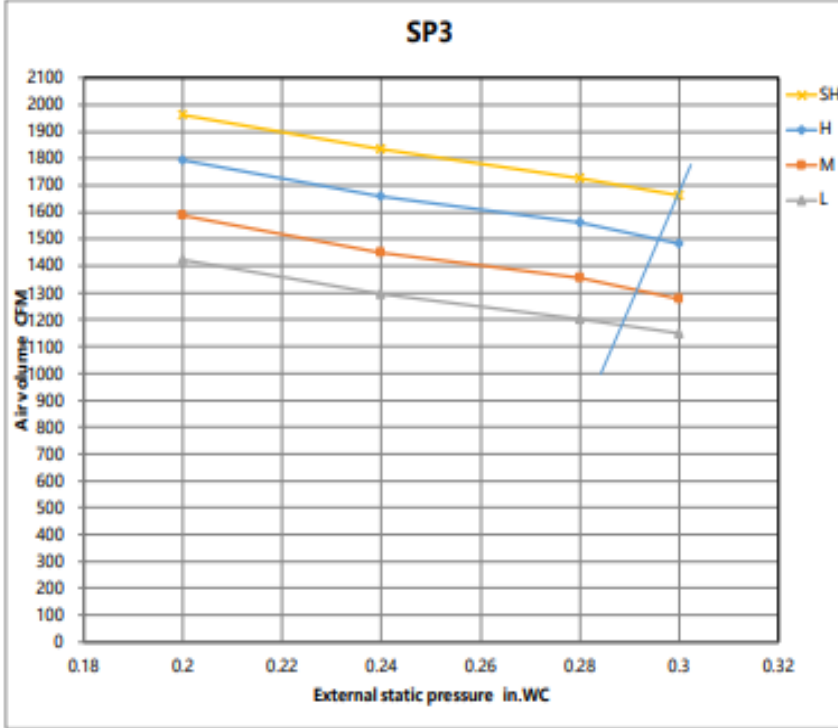
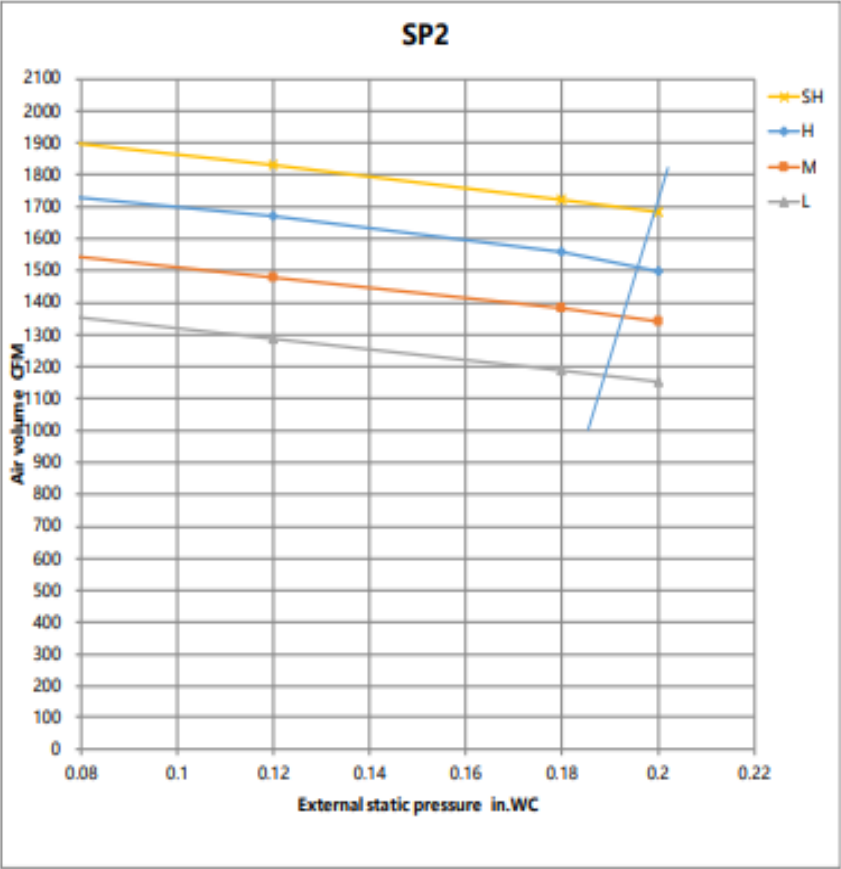
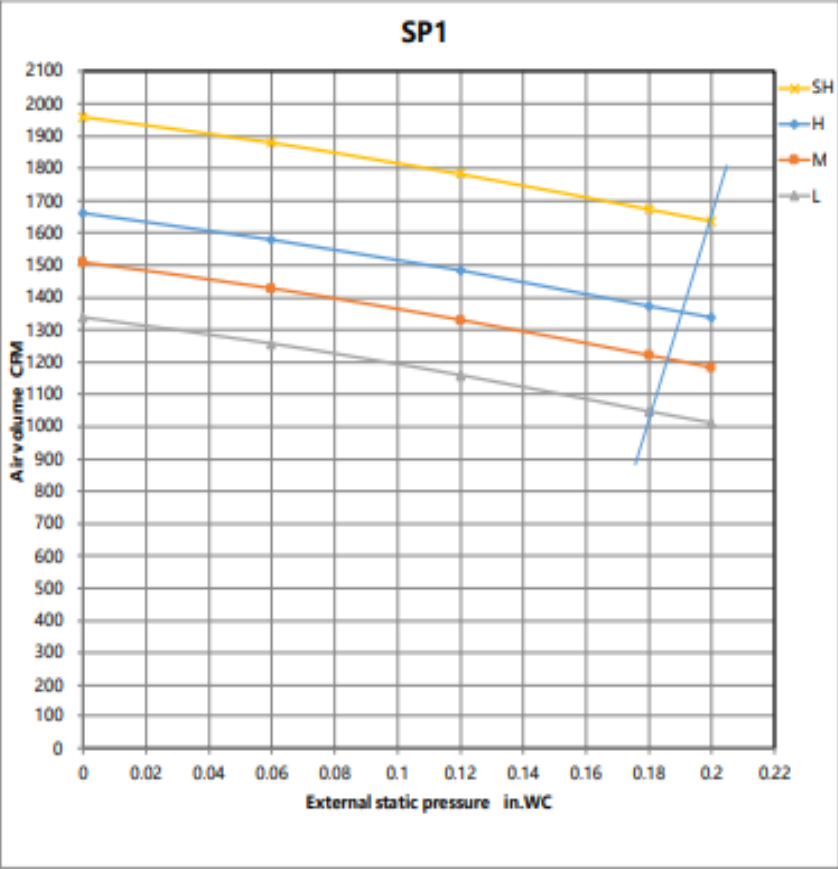
1) Ceiling-mounted

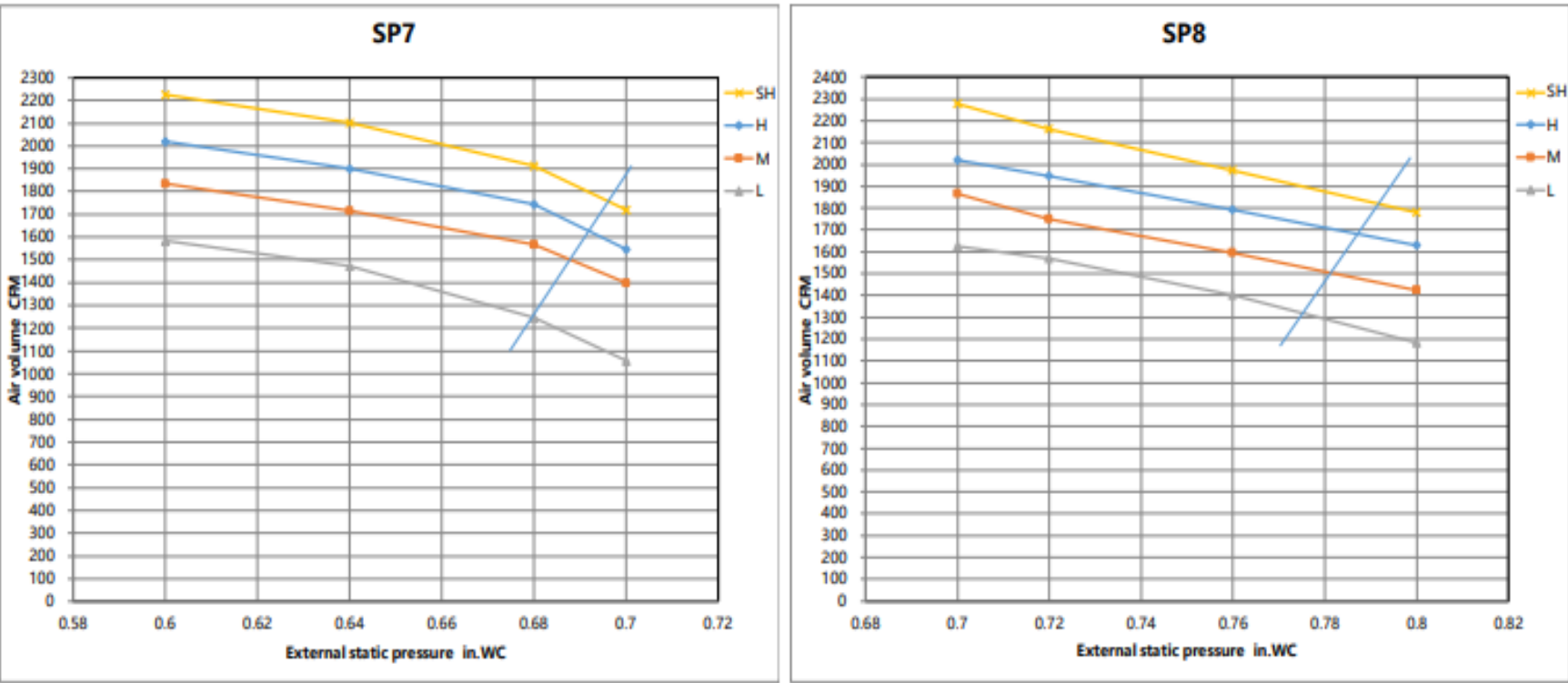


2) Wall-mounted

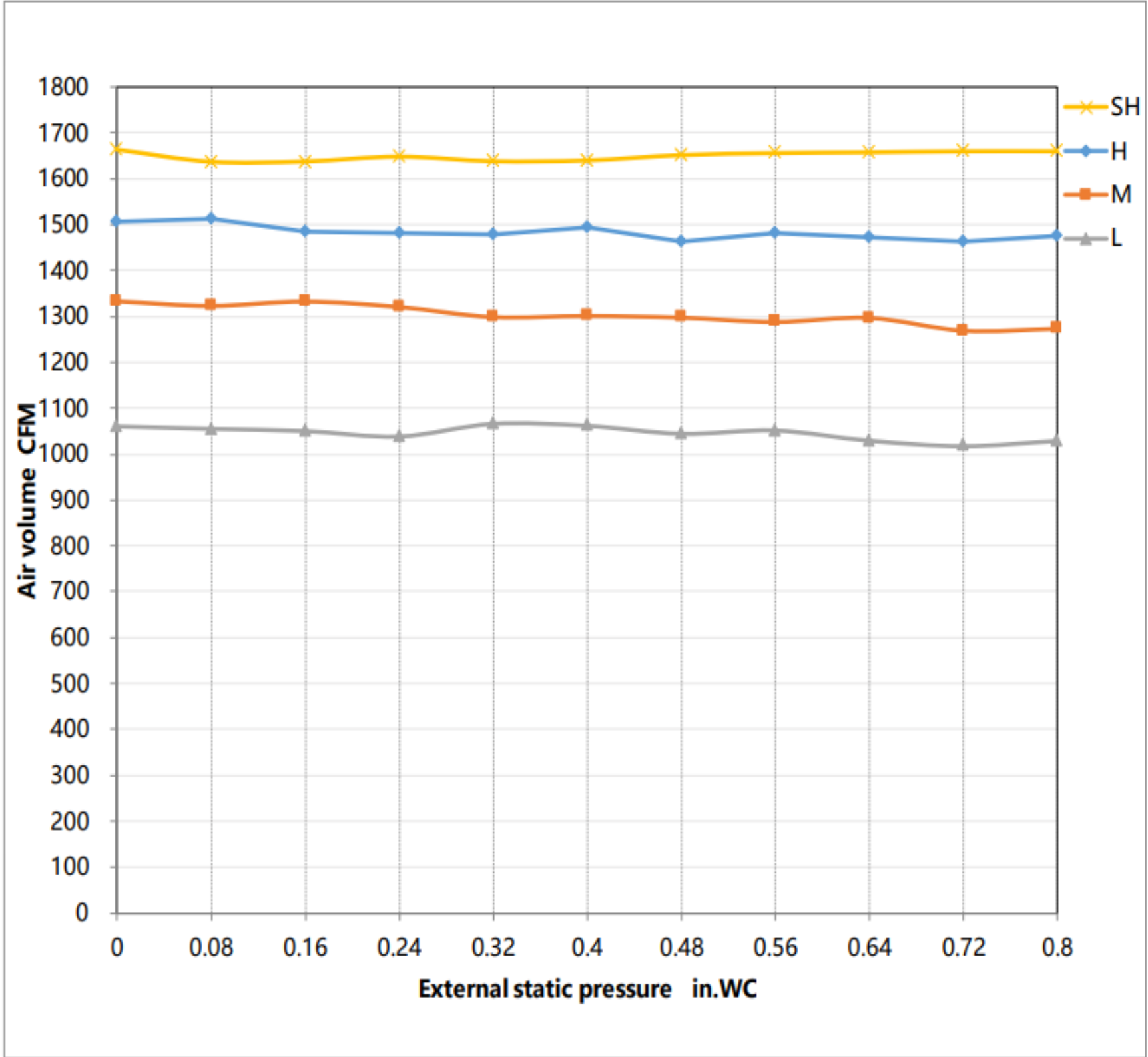


Fan performance





Constant air volume

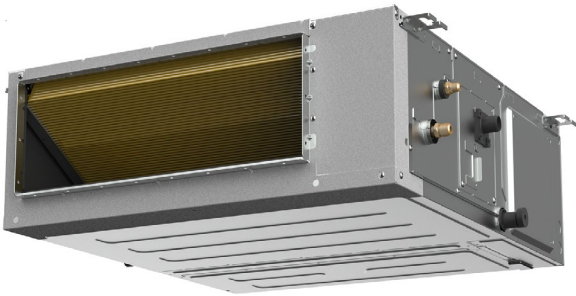


SUBMITTAL DATA SHEET



Series Name: M4 High Static Slim Duct
Model Number: [MDH60H2MHW](#)

M4 High Static Slim Duct	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

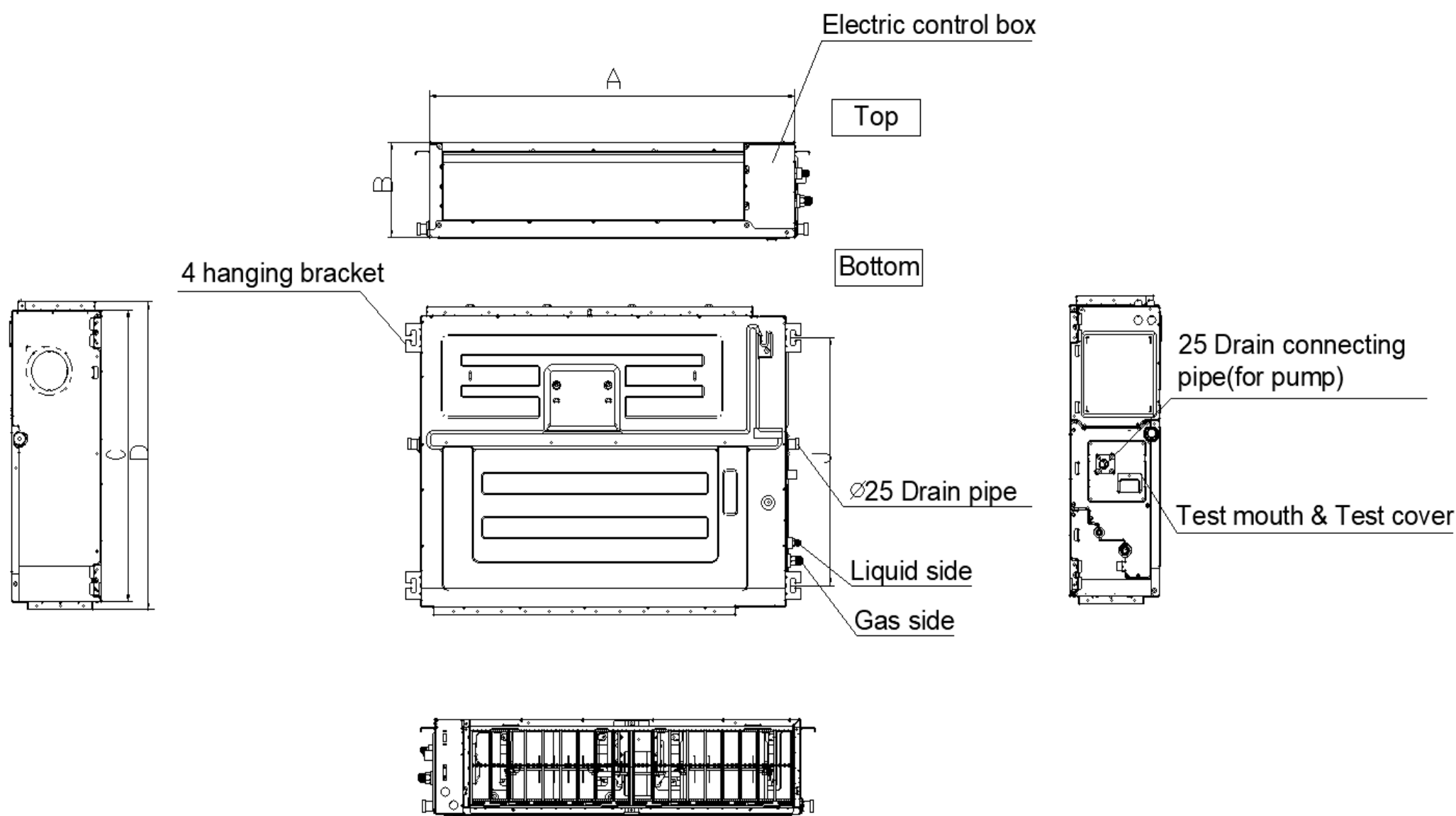


INDOOR SPECIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)		2001.2 / 1706.9 / 1412.6 / 1118.3 / N/A
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)		N/A/52/48/42/41
Indoor static pressure range		0 - 0.8
Dimension (W×D×H)	inch	55.12 x 31.50 x 14.96
	mm	1400.0×800.0×380.0
Package (W×D×H)	inch	62.99 x 36.02 x 17.52
	mm	1600×915×445
Net/Gross Weight	lbs	161.38/178.13
	kg	73.2/80.8

ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
Indoor Fan Motor RLA	4
Indoor Fan Motor W	560

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

Indoor Unit Dimension

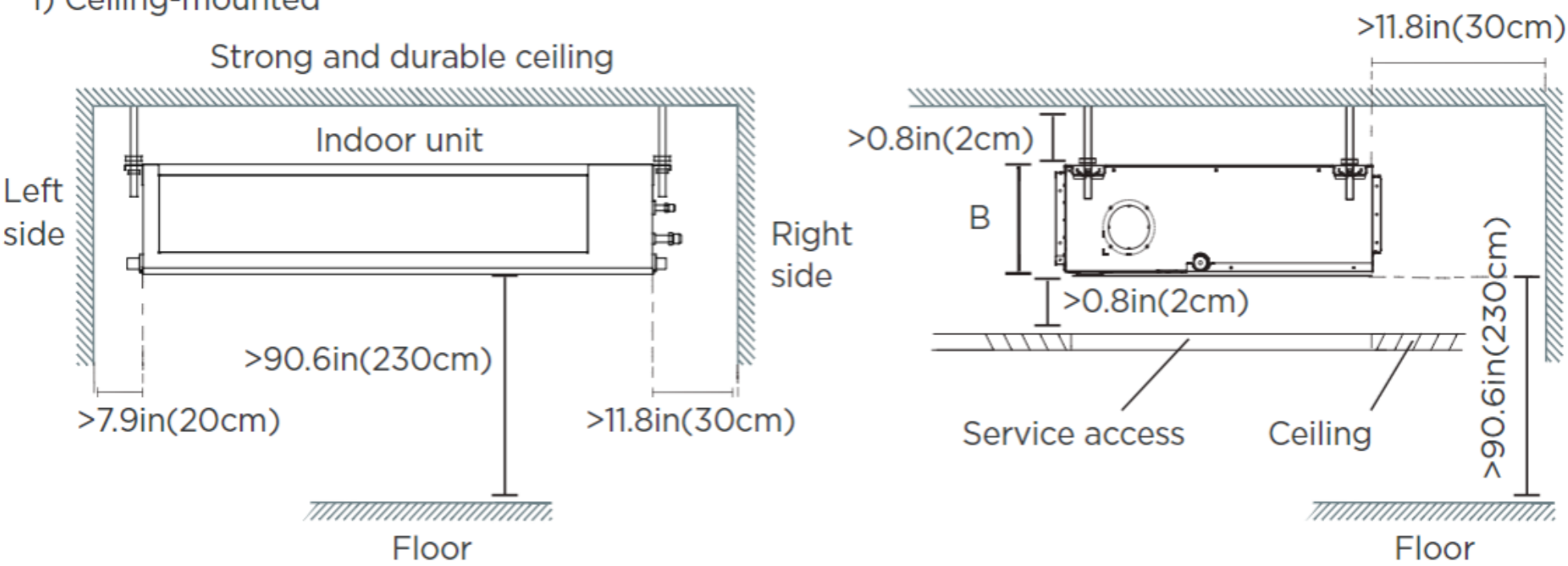


MODEL	A	B	C	D
9K	27-1/2in(700mm)	7-7/8in(200mm)	17-3/4(450mm)	20in(506mm)
12K	27-1/2in(700mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
18K~24K	39-3/8in(1000mm)	9-5/8in(245mm)	29-1/2(750mm)	31-1/4in(795mm)
36K~48K	47-1/8in(1200mm)	11-7/8in(300mm)	29-1/2(750mm)	31-1/4in(795mm)
60K	55-1/8in(1400mm)	15in(380mm)	31-1/2in(800mm)	33-1/4in(845mm)

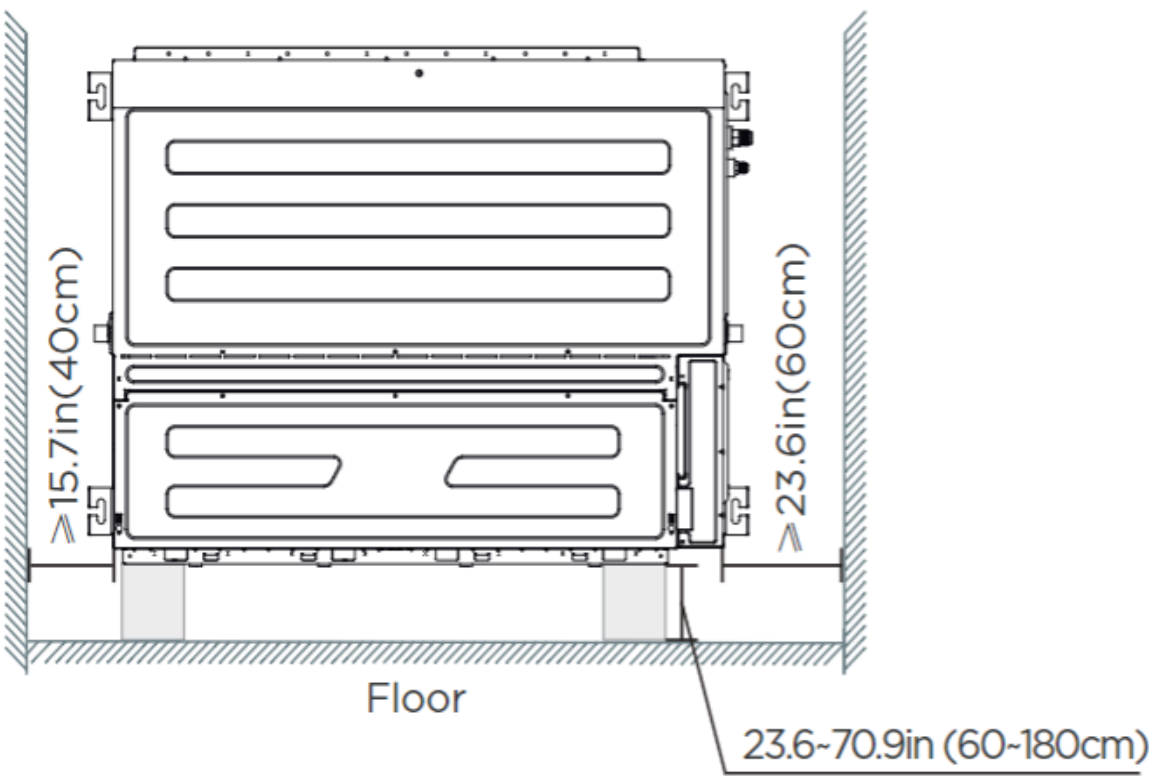
Installation place

The distance between the mounted indoor unit should meet the specifications illlustrated in the following diagram.

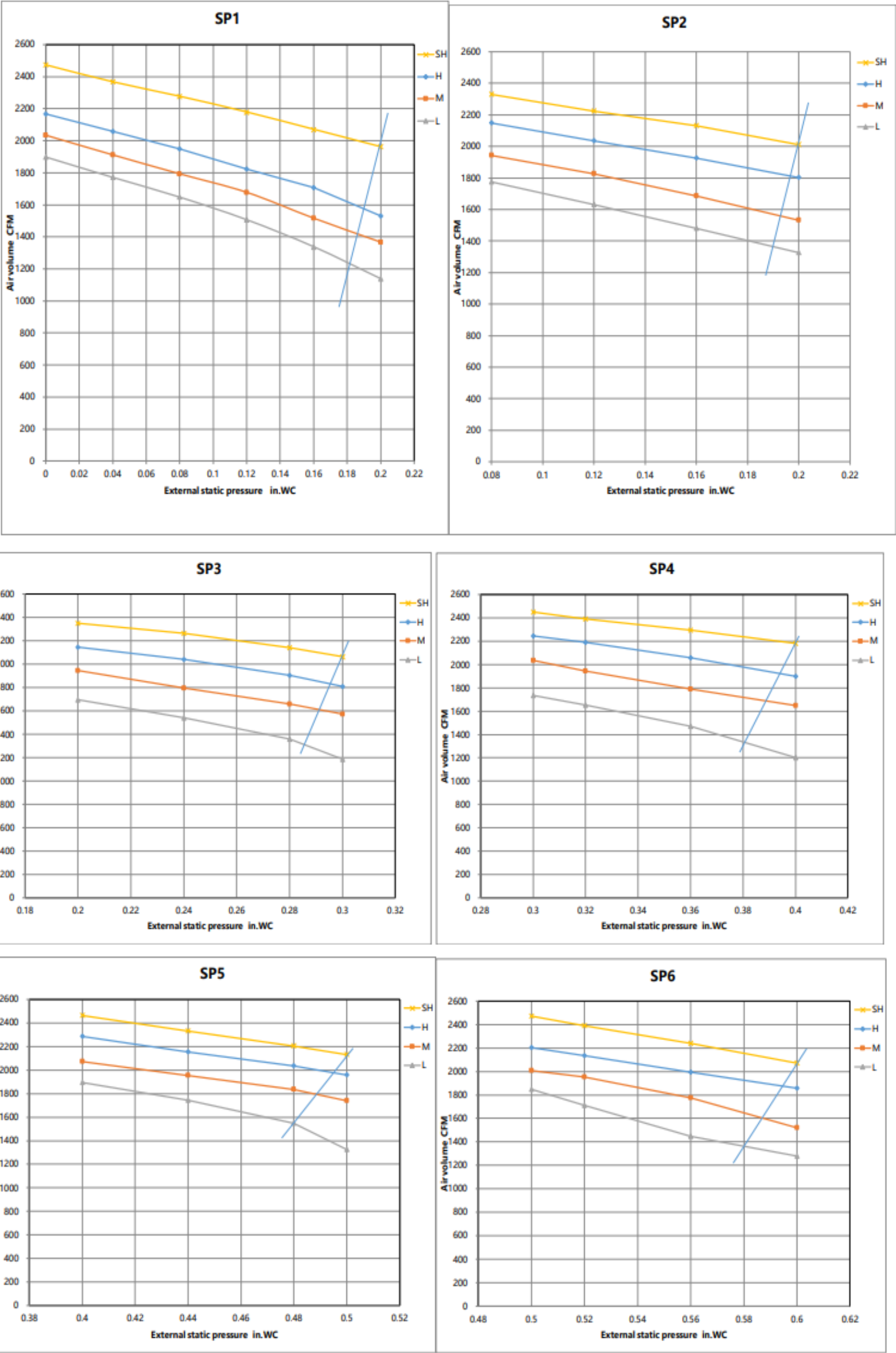
1) Ceiling-mounted

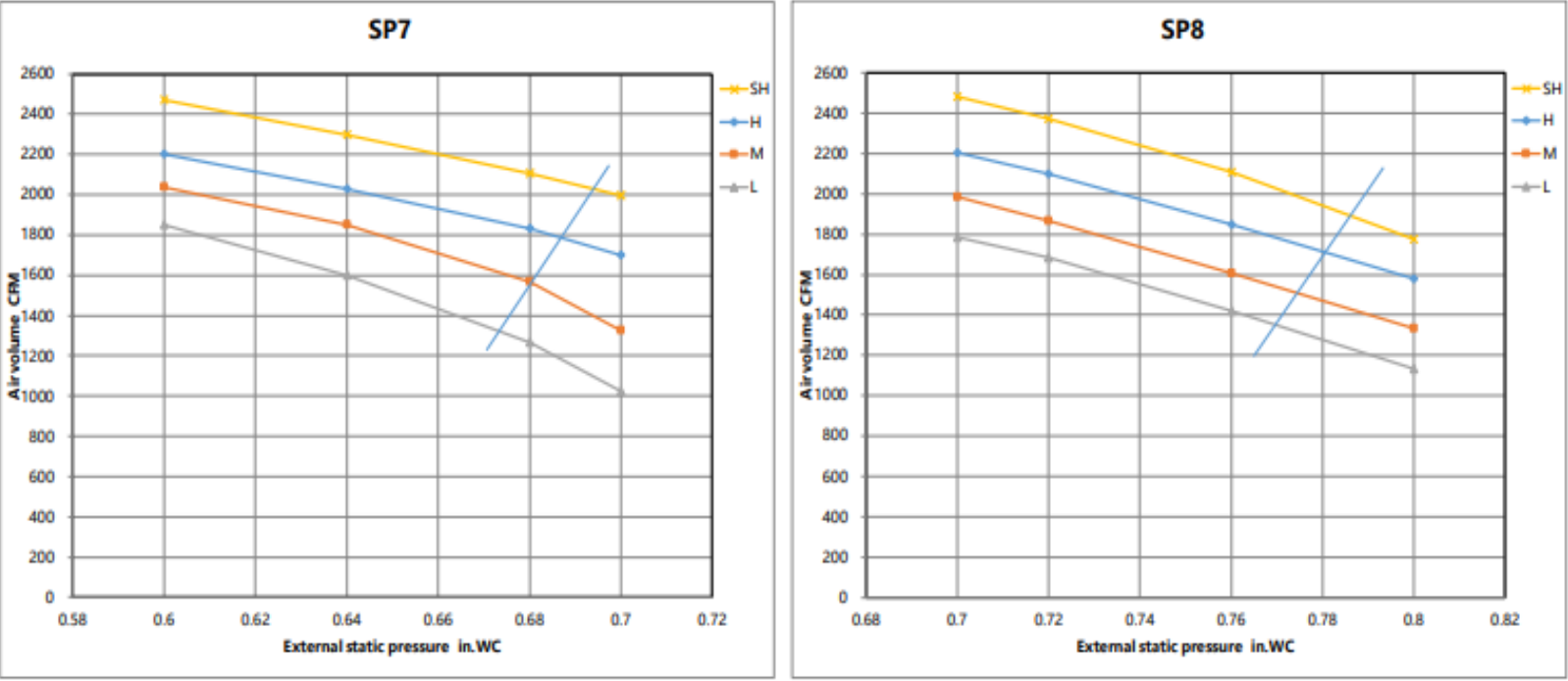


2) Wall-mounted



Fan performance





Constant air volume

