

Climate 5000 Series - Gen 4
24K BTU Universal Ducted IDU

Engineering
Submittal
Sheet



BOSCH

Overview and Project Information



Project name

Location

Architect

Engineer

General contractor

Reference #

24K Btu Universal Ducted IDU

Indoor part number	8-733-962-712
Indoor model number	BMS500-AAU024-1AHDXD

Electrical Data

Power supply (V / Ø / Hz)	208-230 / 1 / 60
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Piping

Liquid side (in/mm)	3/8" / Ø9.52
Gas side (in/mm)	5/8" / Ø15.9

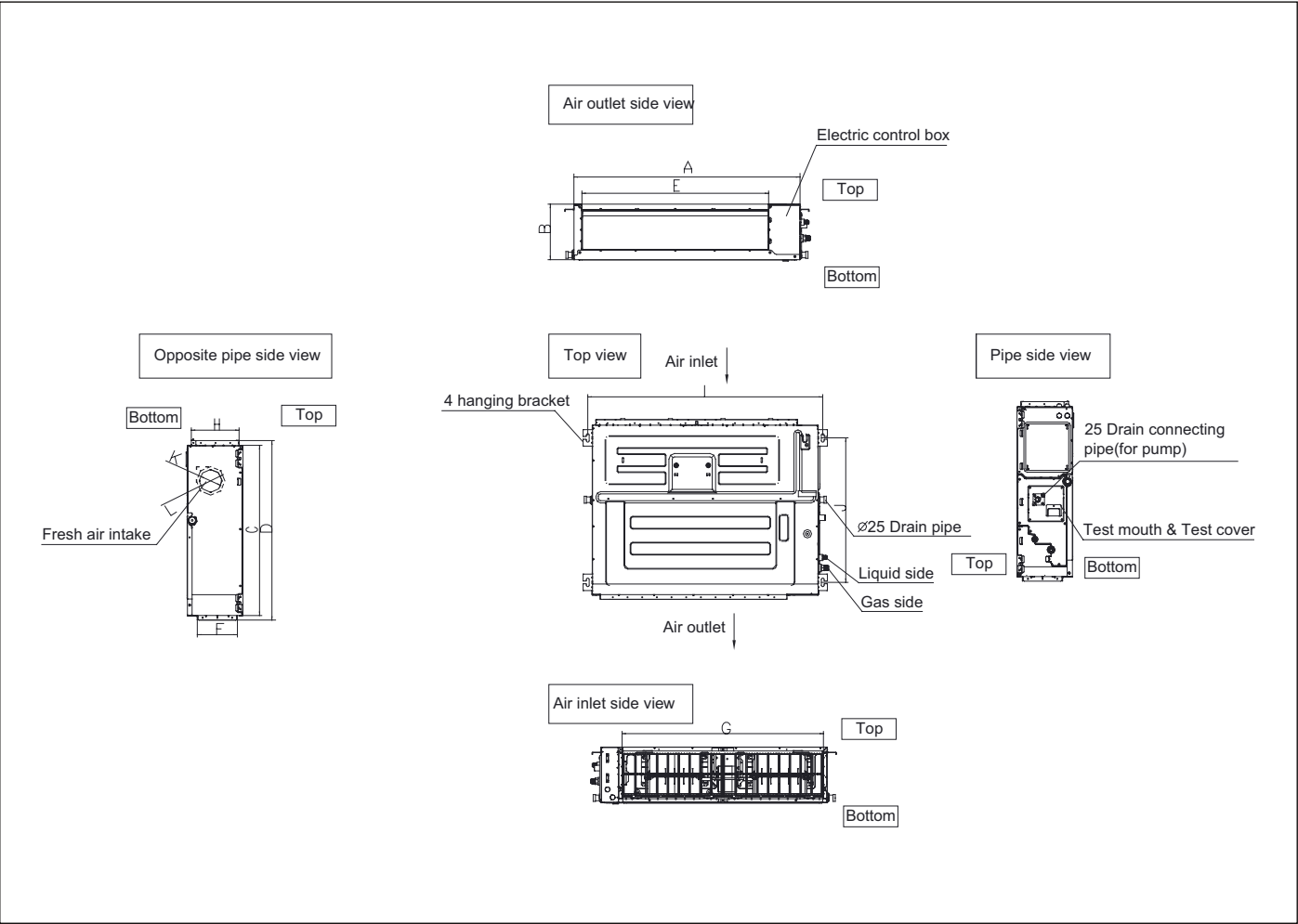
Accessories

BMS-DRY-XXD (8733969263)	24V Interface
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System Data

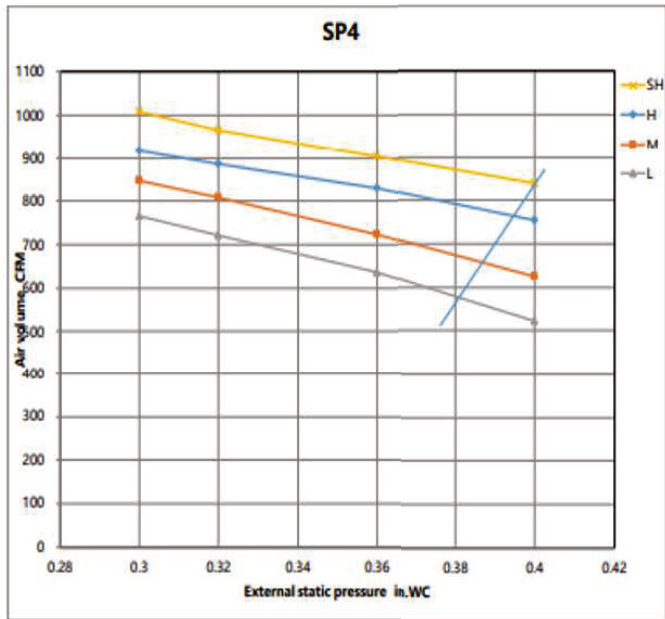
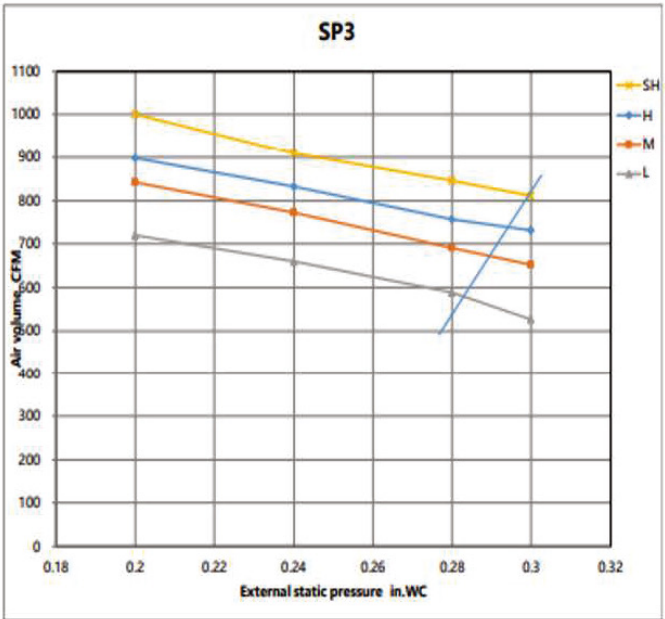
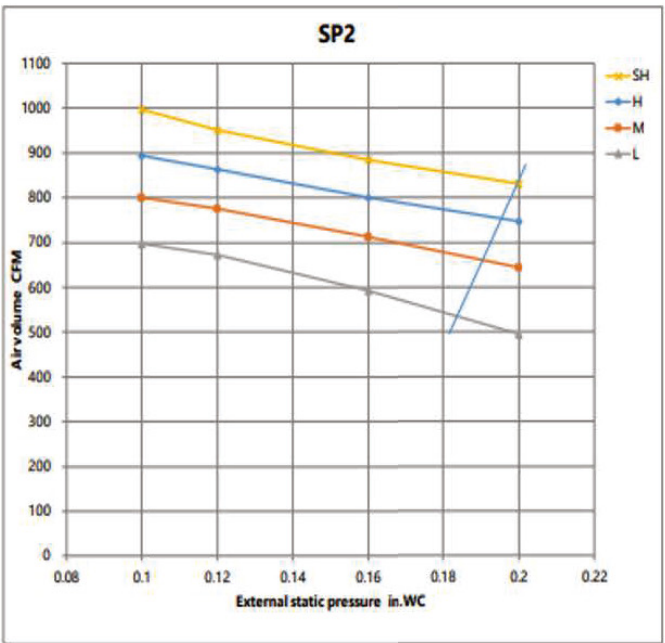
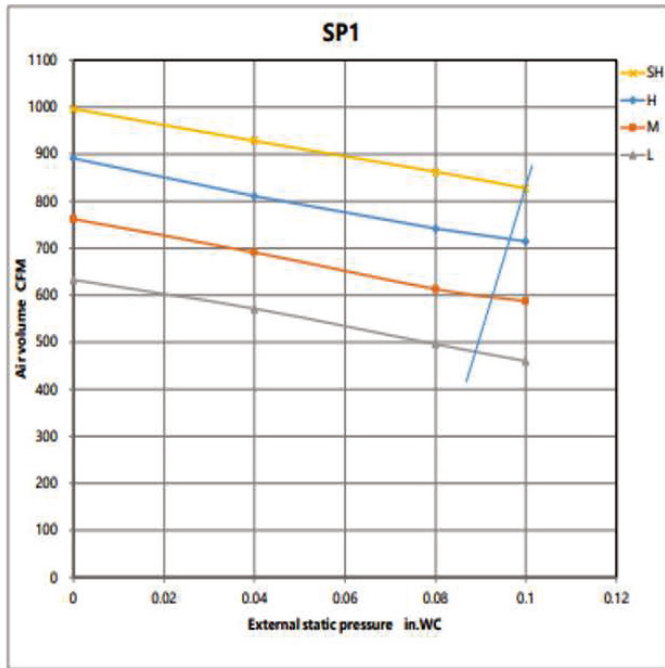
Refrigerant type		R454B
Design pressure (PSIG)		550 / 340
	Fan motor model	ZKFN-165-10-1L
	Fan motor qty (ea)	1
	Fan motor input (W)	185.0
	Fan speed, H / M / L (RPM)	920 / 835 / 750
	Air flow, Turbo / H / M / L / Si (CFM)	853.5 / 706.3 / 618.0 / 500.3 / N\A
	Noise level, Turbo / H / M / L / Si (dB(A))	N\A / 40.0 / 37.0 / 35 / 29.5
	Net weight (lbs / kg)	80.47 / 36.5
	Gross weight (lbs / kg)	91.93 / 41.7
	ESP range (Pa)	0-200
	Drain pipe outside diameter in. (mm)	OD 0.98 (25)

Indoor Unit Dimensions and Connections

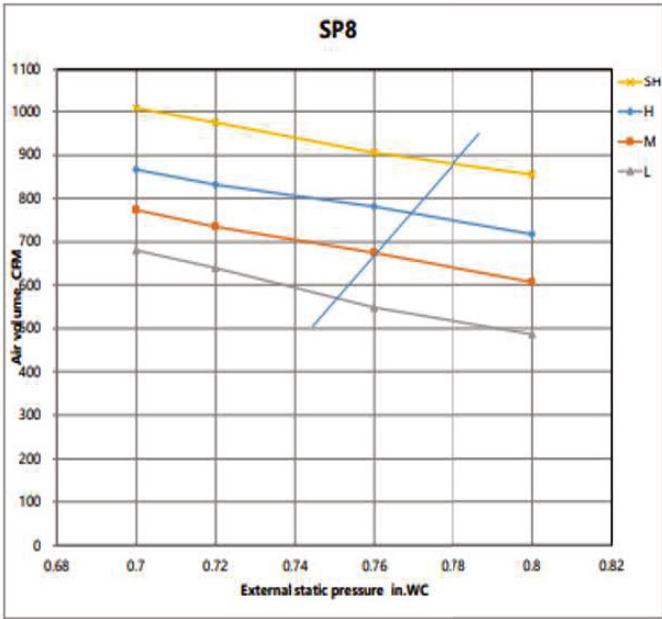
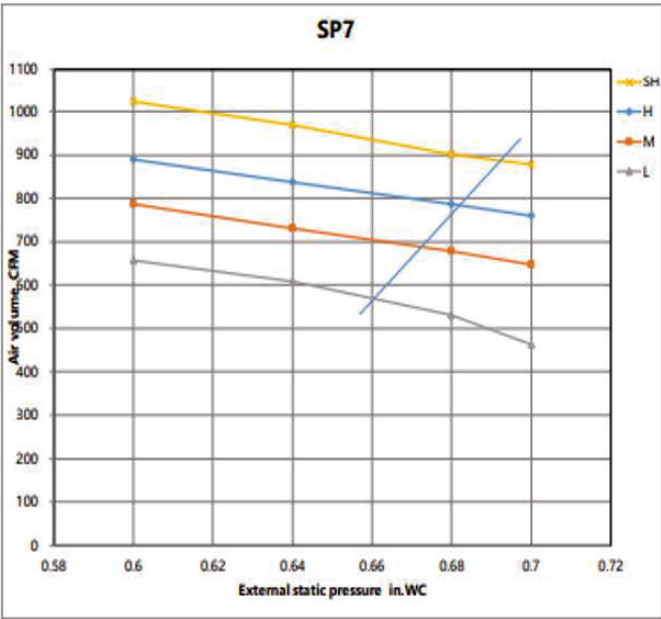
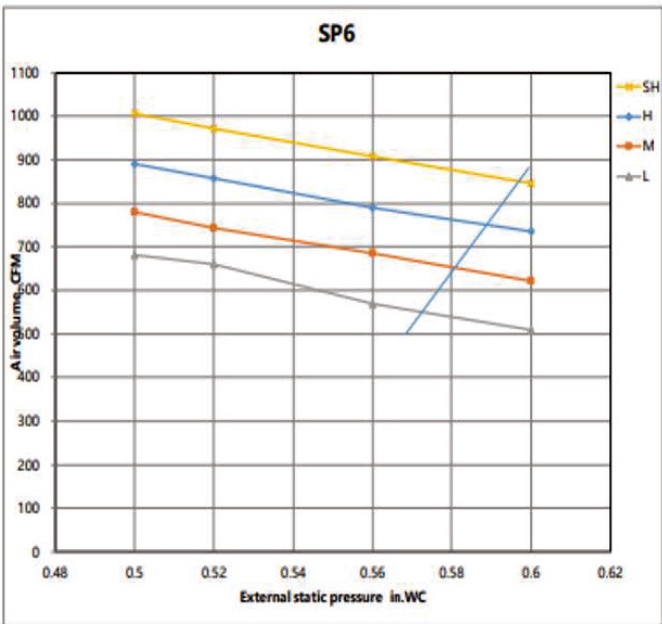
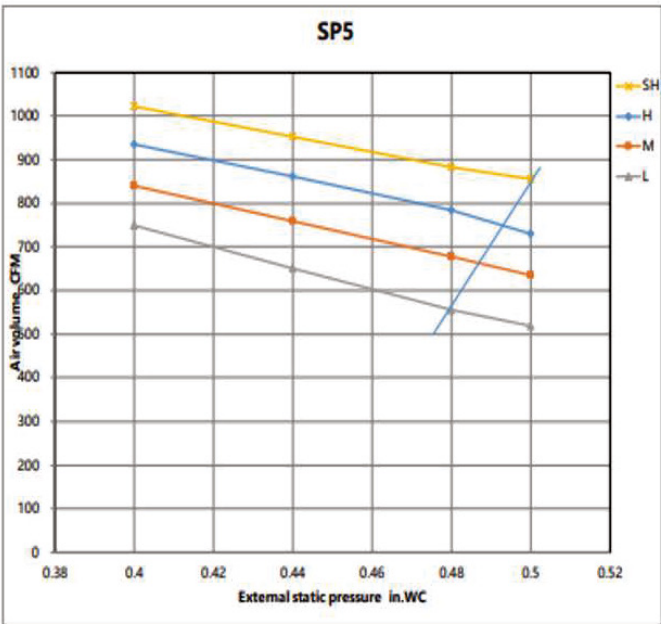


Model	Outline Dimension (in)				Air Outlet Opening Size (in)		Air Return Opening Size (in)		Size of Mounted Lug (in)		Fresh Air Intake Opening Size (in)	
	A	B	C	D	E	F	G	H	I	J	K	L
BMS500-AAU024-1AHDXD	27.6	9.6	29.5	31.3	32.6	7.0	35.1	8.3	40.9	25.2	3.9	5.0

Air Volume



Air Volume



Air Volume

Constant air volume

