

Climate 5000 Series - Gen 4

48K BTU Universal Ducted IDU

Engineering
Submittal
Sheet



BOSCH

Overview and Project Information



Project name	
Location	
Architect	
Engineer	
General contractor	
Reference #	

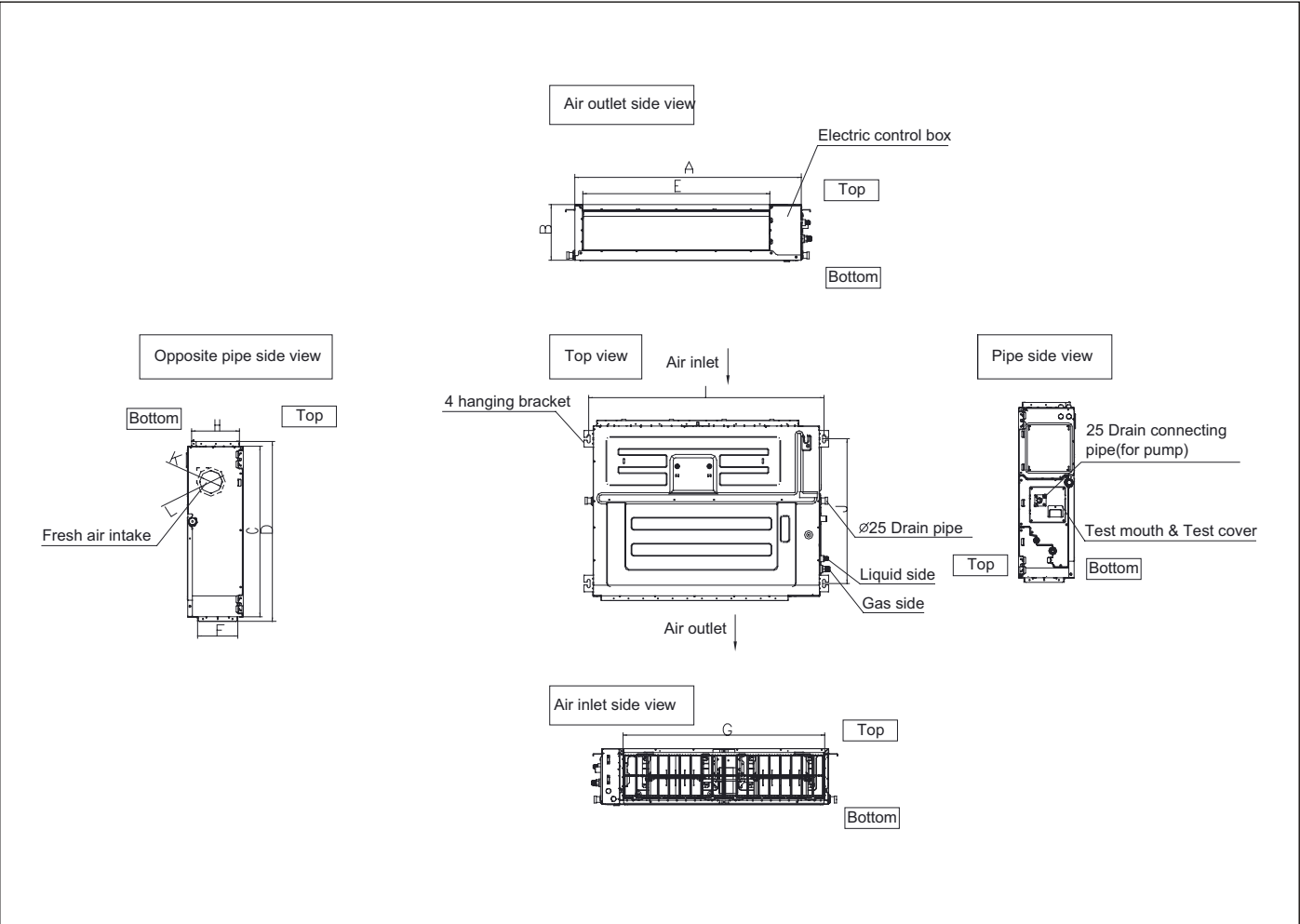
48K Btu Universal Ducted IDU

Indoor part number	8-733-962-714
Indoor model number	BMS500-AAU048-1AHDXD
Electrical Data	
Power supply (V / Ø / Hz)	208-230 / 1 / 60
Piping	
Liquid side (in/mm)	3/8" / Ø9.52
Gas side (in/mm)	3/4" / Ø19
Accessories	
BMS-DRY-XXD (8733969263)	24V Interface

System Data

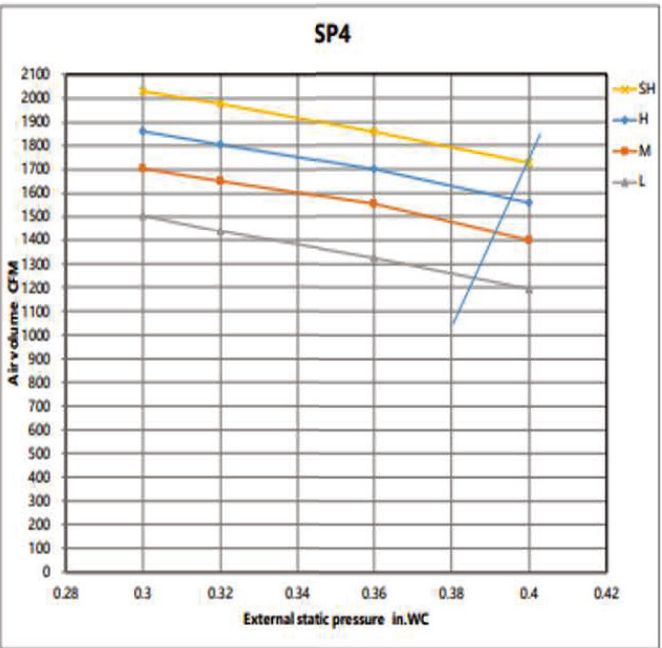
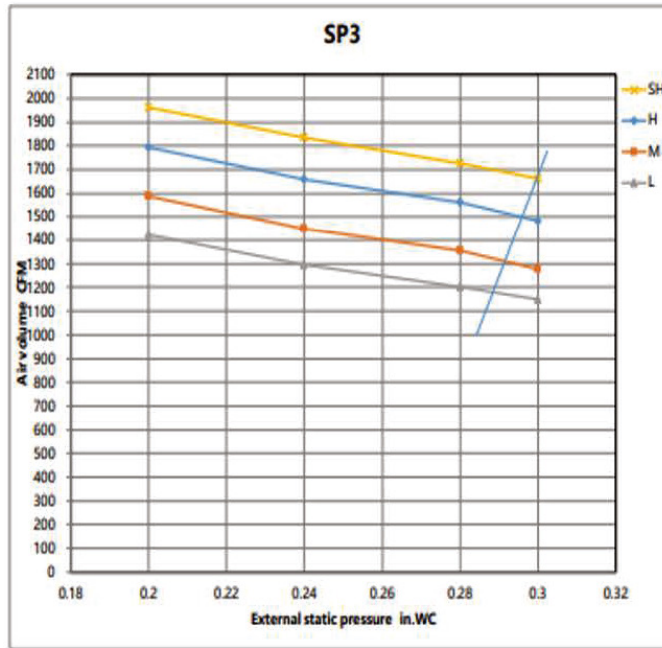
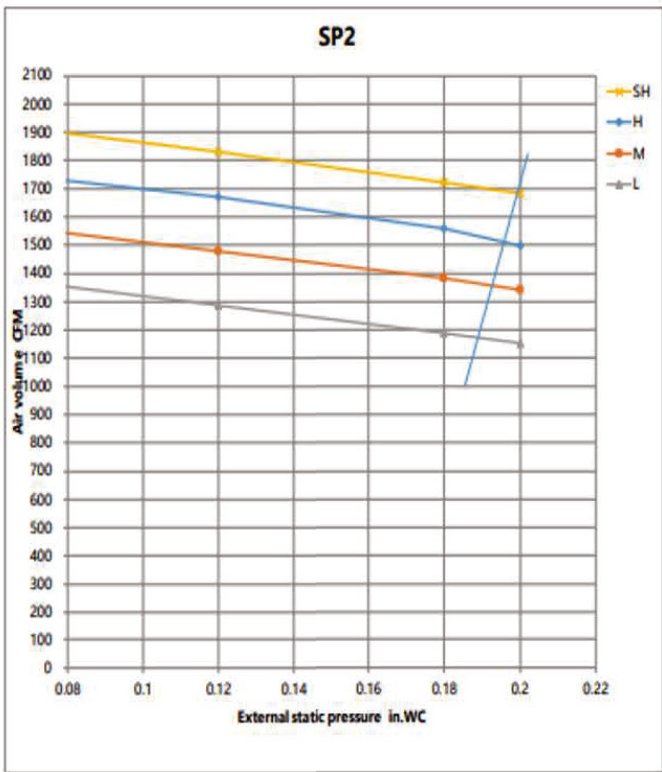
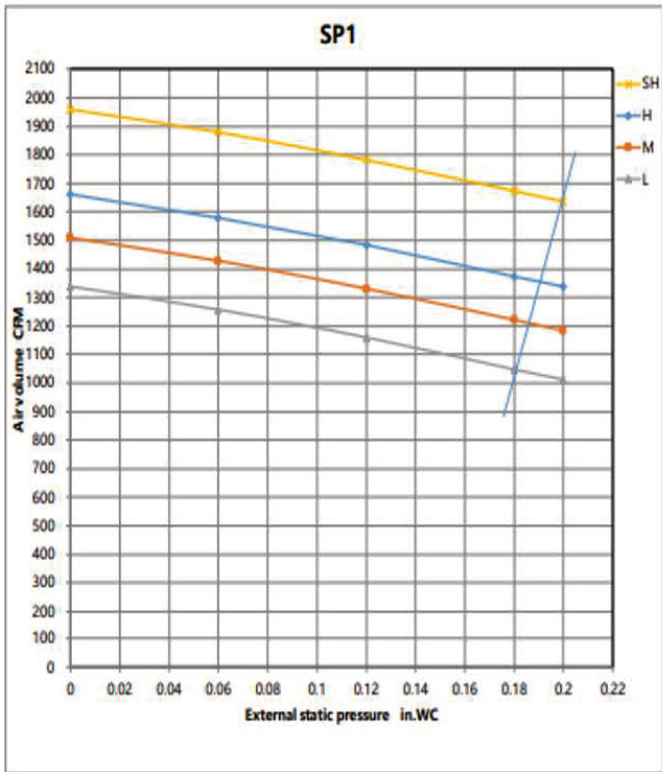
Refrigerant type		R454B
Design pressure (PSIG)		550 / 340
IDU	Fan motor model	ZKFN-560-8-4
	Fan motor qty (ea)	1
	Fan motor input (W)	665.0
	Fan speed, H / M / L (RPM)	1000 / 950 / 880
	Air flow, Turbo / H / M / L / Si (CFM)	1648.1 / 1471.5 / 1294.9 / 1059.5 / N/A
	Noise level, Turbo / H / M / L / Si (dB(A))	N/A / 51 / 46 / 42 / 40
	Net weight (lbs / kg)	111.33 / 50.5
	Gross weight (lbs / kg)	124.78 / 56.6
	ESP range (Pa)	0-200
Drain pipe outside diameter in. (mm)		OD 0.98 (25)

Indoor Unit Dimensions and Connections

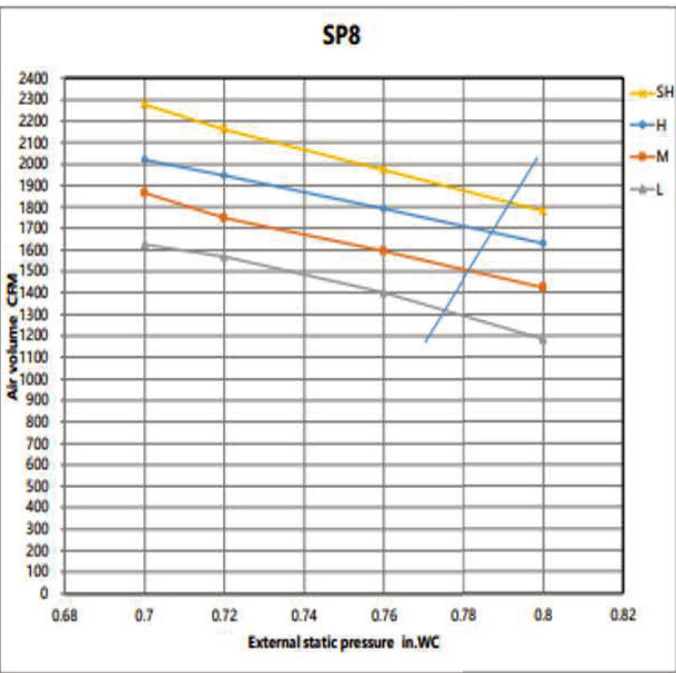
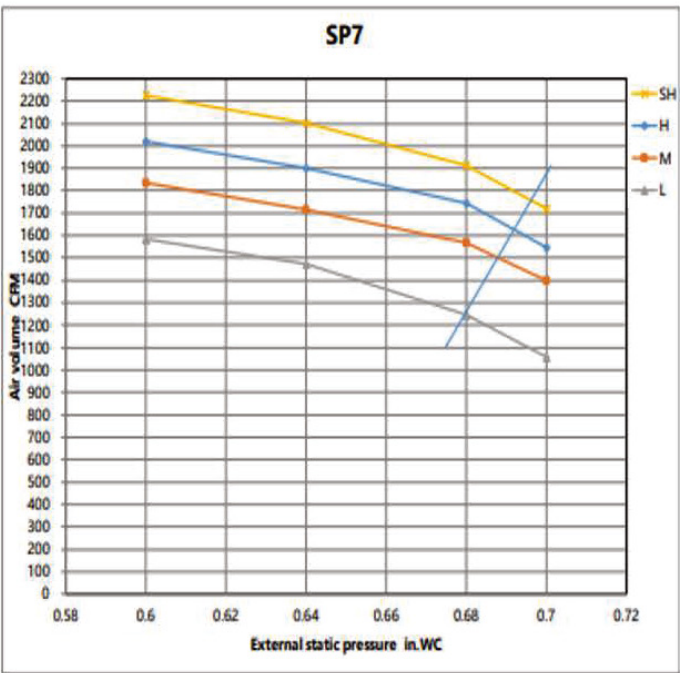
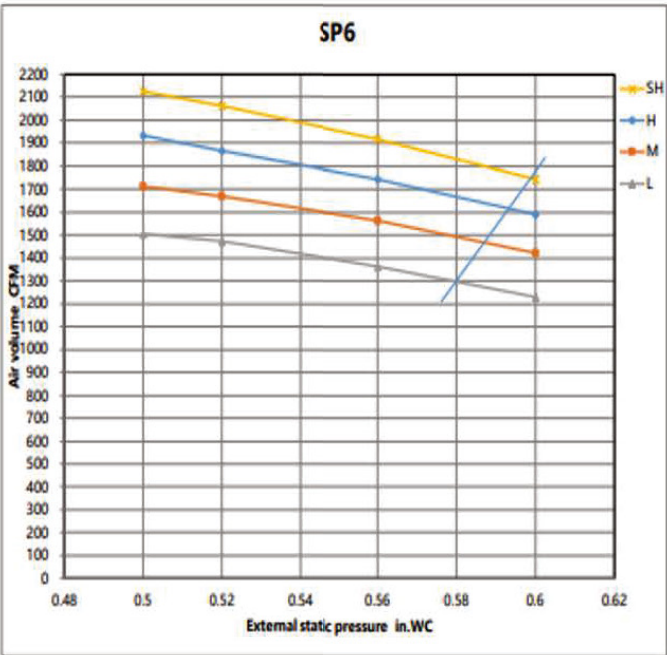
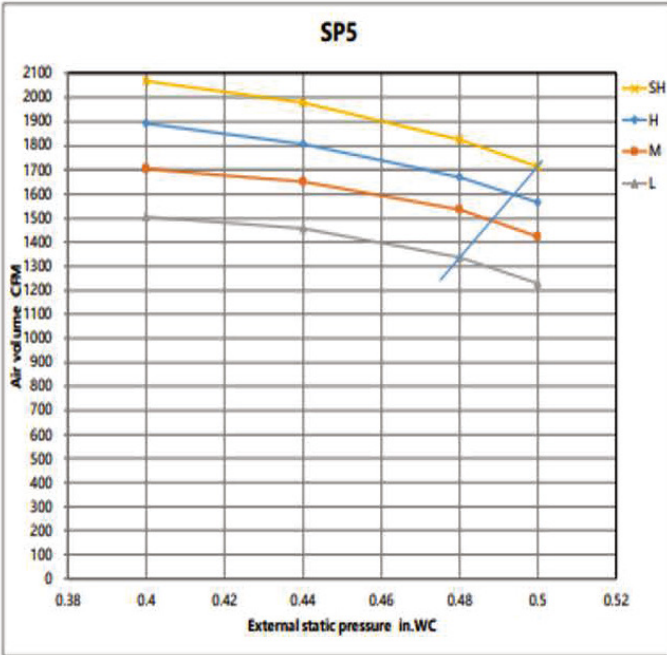


Model	Outline Dimension (in)				Air Outlet Opening Size (in)		Air Return Opening Size (in)		Size of Mounted Lug (in)		Fresh Air Intake Opening Size (in)	
	A	B	C	D	E	F	G	H	I	J	K	L
BMS500-AAU048-1AHDXD	47.2	11.8	29.5	31.3	40.4	9.2	43.0	10.5	48.8	25.2	4.9	6.3

Air Volume



Air Volume



Air Volume

Constant air volume

