Climate 5000 Series
36K BTU Single Zone Light Commercial Ducted IDU

Engineering Submittal Sheet

BOSCH

Overview and Project Information

Project Name	
Location	
Architect	
Engineer	
General Contractor	
Reference #	

36K Btu Single Zone Light Commercial - Ducted IDU	
Indoor part number	8733953106
Indoor model number	BMS500-AAU036-1AHDXB
Electrical Data	
Power supply (V / Ø / Hz)	208-230 / 1 / 60
Piping	
Liquid side (in/mm)	3/8" / Φ9.52
Gas side (in/mm)	5/8" / Φ15.9
Accessories	
BMS-WT2-XXC (8733956180)	Wired Wall Thermostat
BMS-DRY-XXX (8733953129)	24V Interface

System Data		
Refrigerant type		R410A
Design pressure (PSIG)		550/340
IDU	Fan motor model	ZKFN-300-8-1
	Fan motor qty (ea)	1
	Fan motor input (W)	250
	Fan speed (RPM)	1130 / 1050 / 990
	Air flow, H / M / L (CFM)	1081.76 / 912.35 / 702.94
	Net weight (lbs / kg)	106 / 48.3
	Gross weight (lbs / kg)	122 / 55.5
	ESP range (Pa)	0-160
	Drain pipe diameter (mm)	ODΦ25

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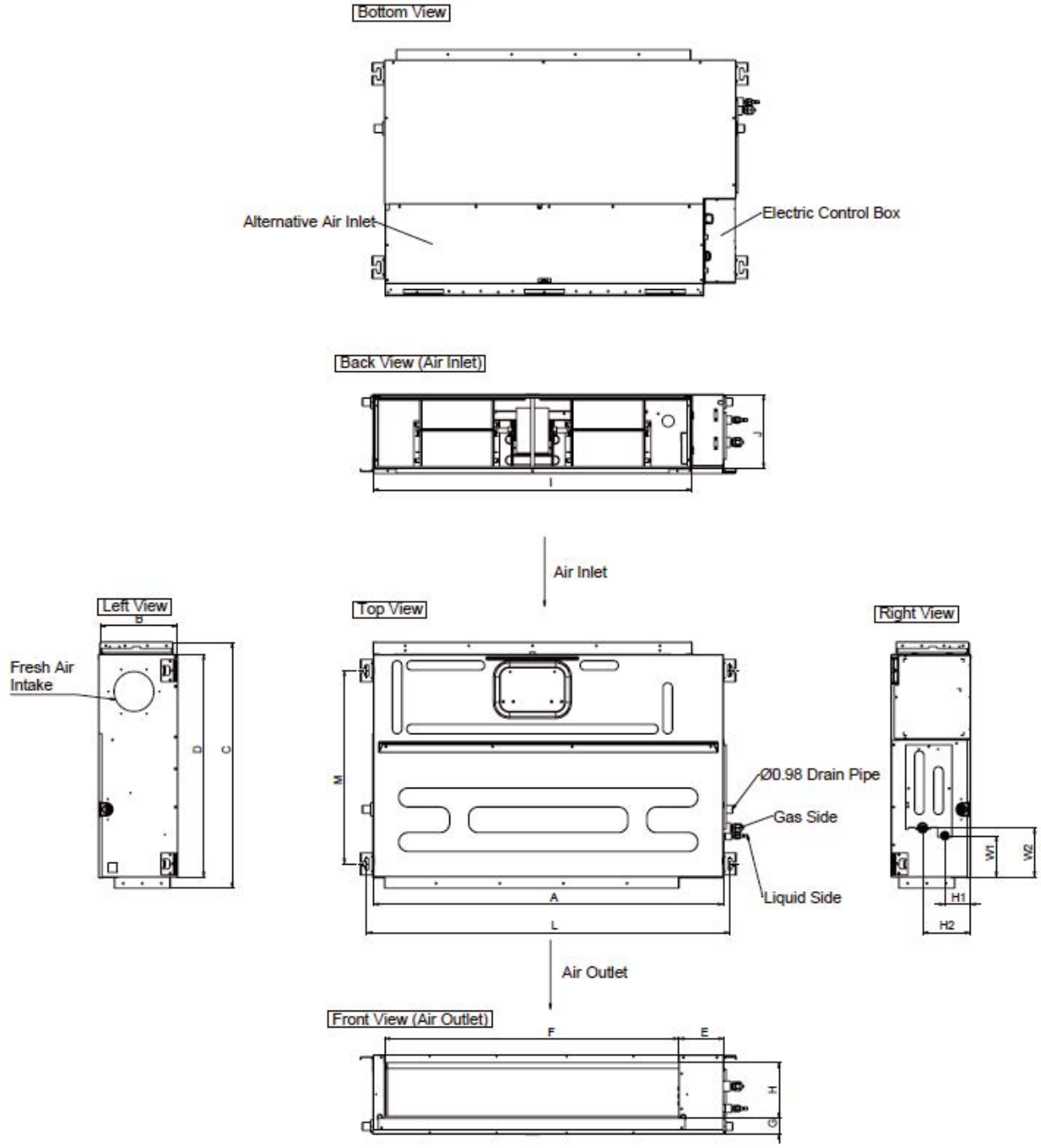
Indoor Unit Dimensions and Connections



Model	Outline dimension (in)				Air outlet dimension (in)				Return air (in)			Mounting (in)		Gas and liquid valve (in)			
	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
BMS500-AAU036-1AHDXB	53.5	9.8	30.5	27.6	5.5	46.7	2.0	6.9	49.6	9.0	2.0	55.1	23.5	3.1	5.9	5.1	6.1

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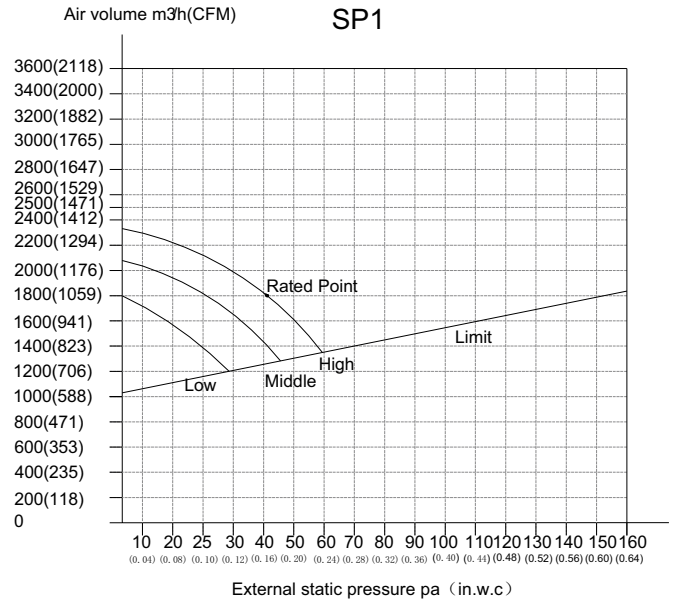
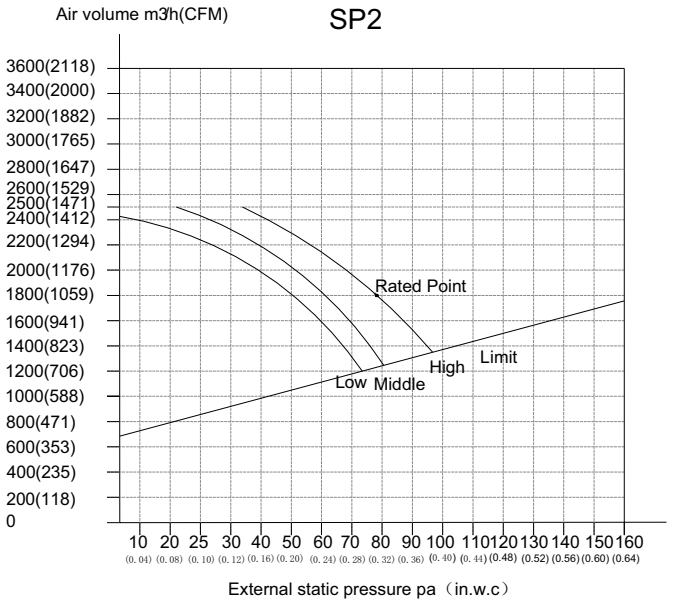
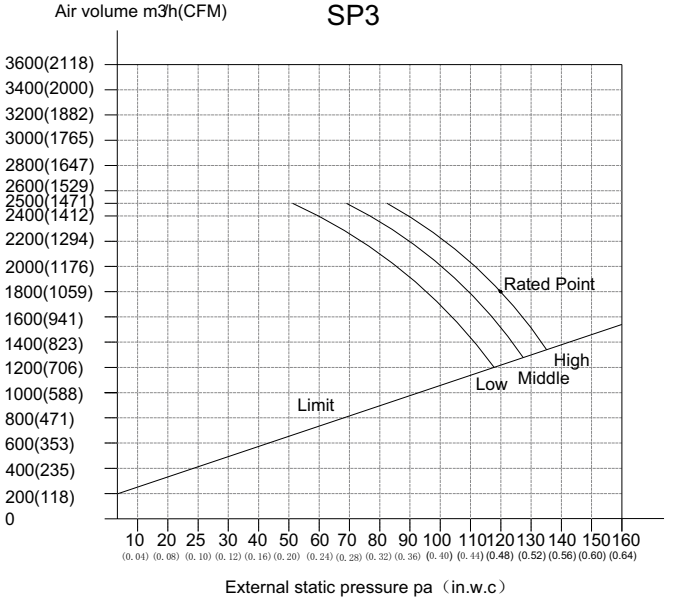
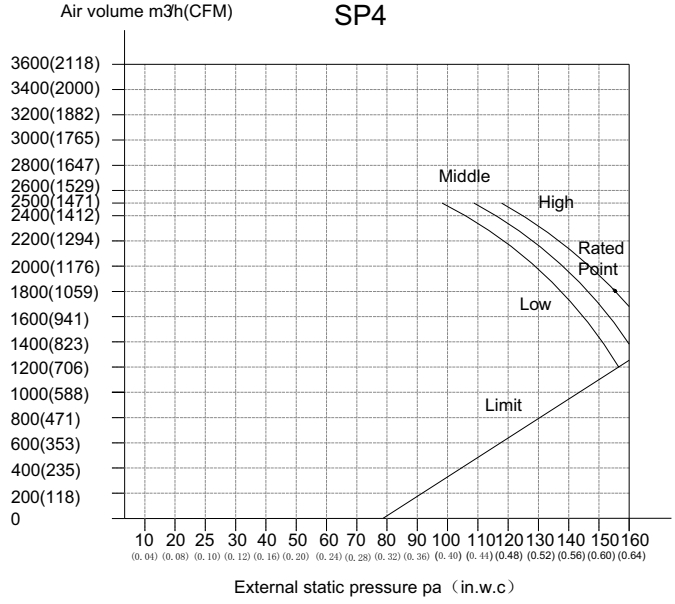
Air Volume









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