

Climate 5000 Series - Gen 4

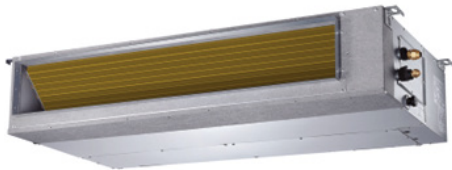
12K BTU Universal Ducted IDU

Engineering
Submittal
Sheet



BOSCH

Overview and Project Information



Project name

Location

Architect

Engineer

General contractor

Reference #

12K Btu Universal Ducted IDU

Indoor part number	8-733-962-710
Indoor model number	BMS500-AAU012-1AHDXD

Electrical Data

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

Liquid side (in/mm)	1/4" / Ø6.35
Gas side (in/mm)	3/8" / Ø9.52

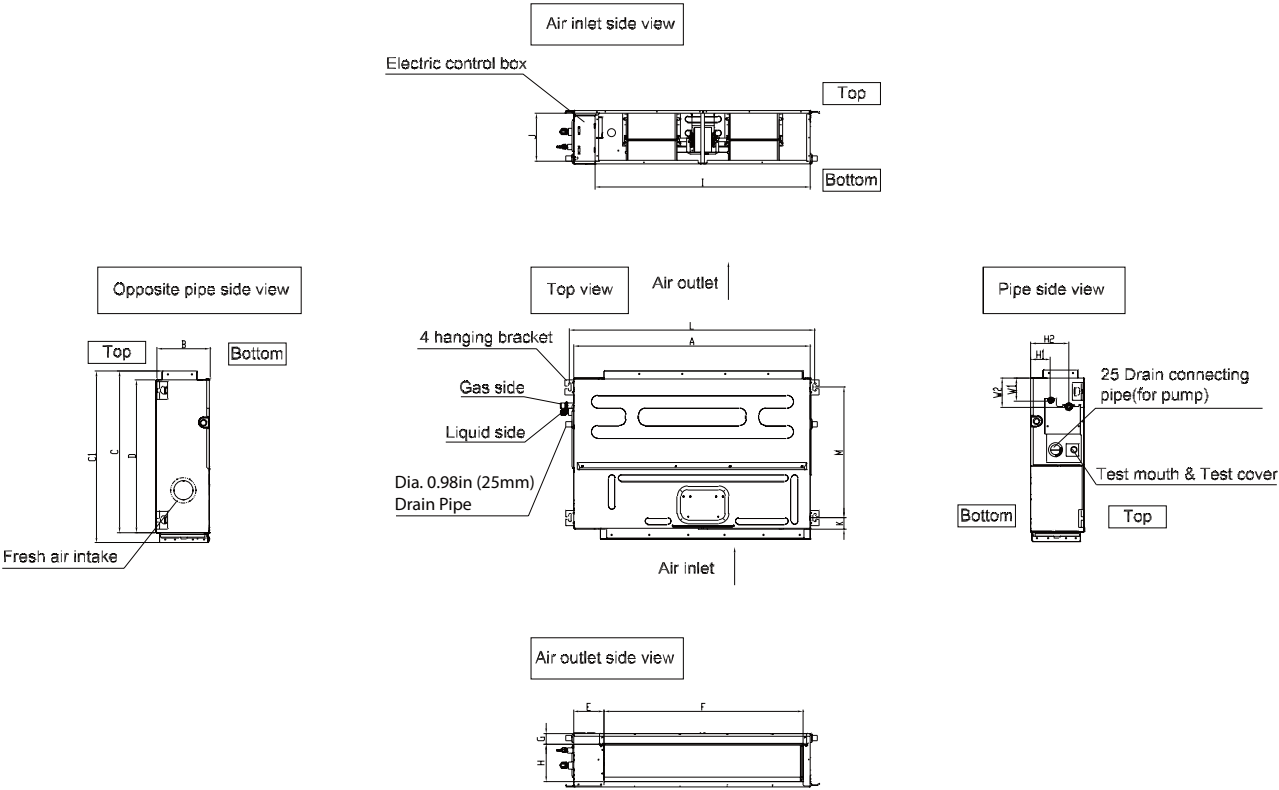
Accessories

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

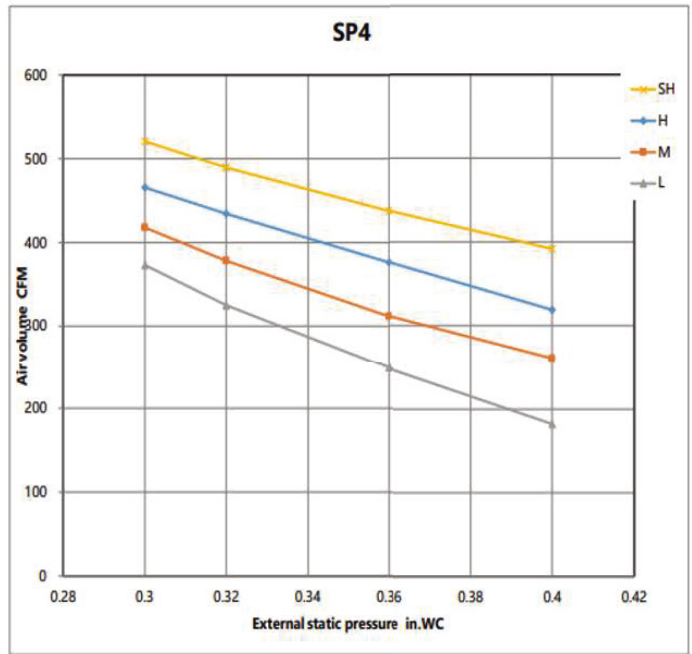
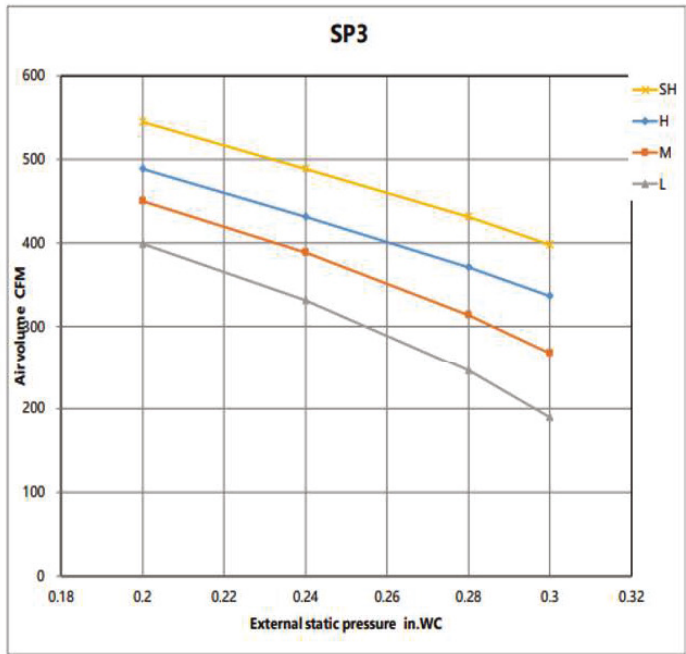
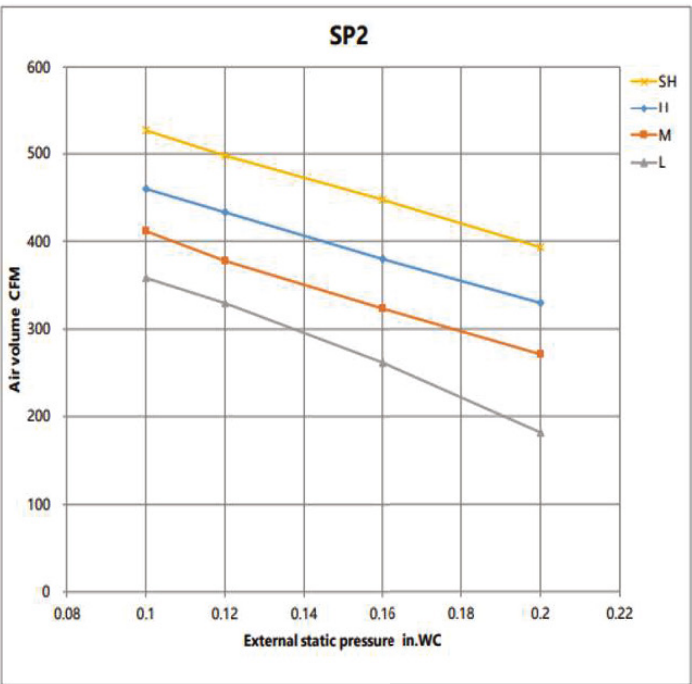
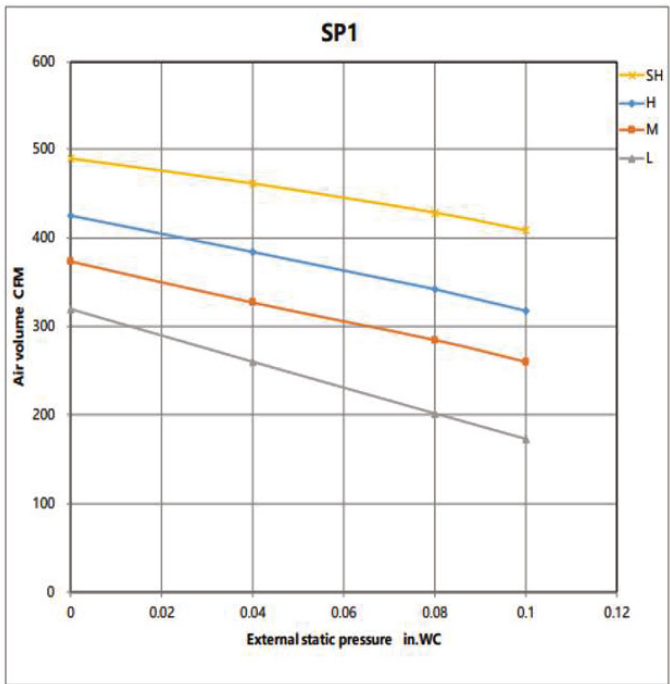
Refrigerant type		R454B
Design pressure (PSIG)		550 / 340
	Fan motor model	ZKFN-81-8-1
	Fan motor qty (ea)	1
	Fan motor input (W)	150.0
	Fan speed, H / M / L (RPM)	1070 / 990 / 910
	Air flow, Turbo / H / M / L / Si (CFM)	400.2 / 323.7 / 264.9 / 176.6 / 117.7
	Noise level, Turbo / H / M / L / Si (dB(A))	N/A / 37 / 35 / 33.5 / 26
	Net weight (lbs / kg)	39.46 / 17.9
	Gross weight (lbs / kg)	46.74 / 21.2
	ESP range (Pa)	0-100
	Drain pipe outside diameter in. (mm)	OD 0.98 (25)

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-AAU012-1AHDXD	27.6	7.9	19.9	17.7	5.4	21.1	1.2	6.0	23.6	7.3	2.0	29.2	14.2	3.3	5.5	3.3	3.3

Air Volume



Air Volume

