

Climate 5000 Series 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	8733953103
Indoor model number	BMS500-AAU012-1AHDXB

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)	1/2" / Ø12.7

Accessories

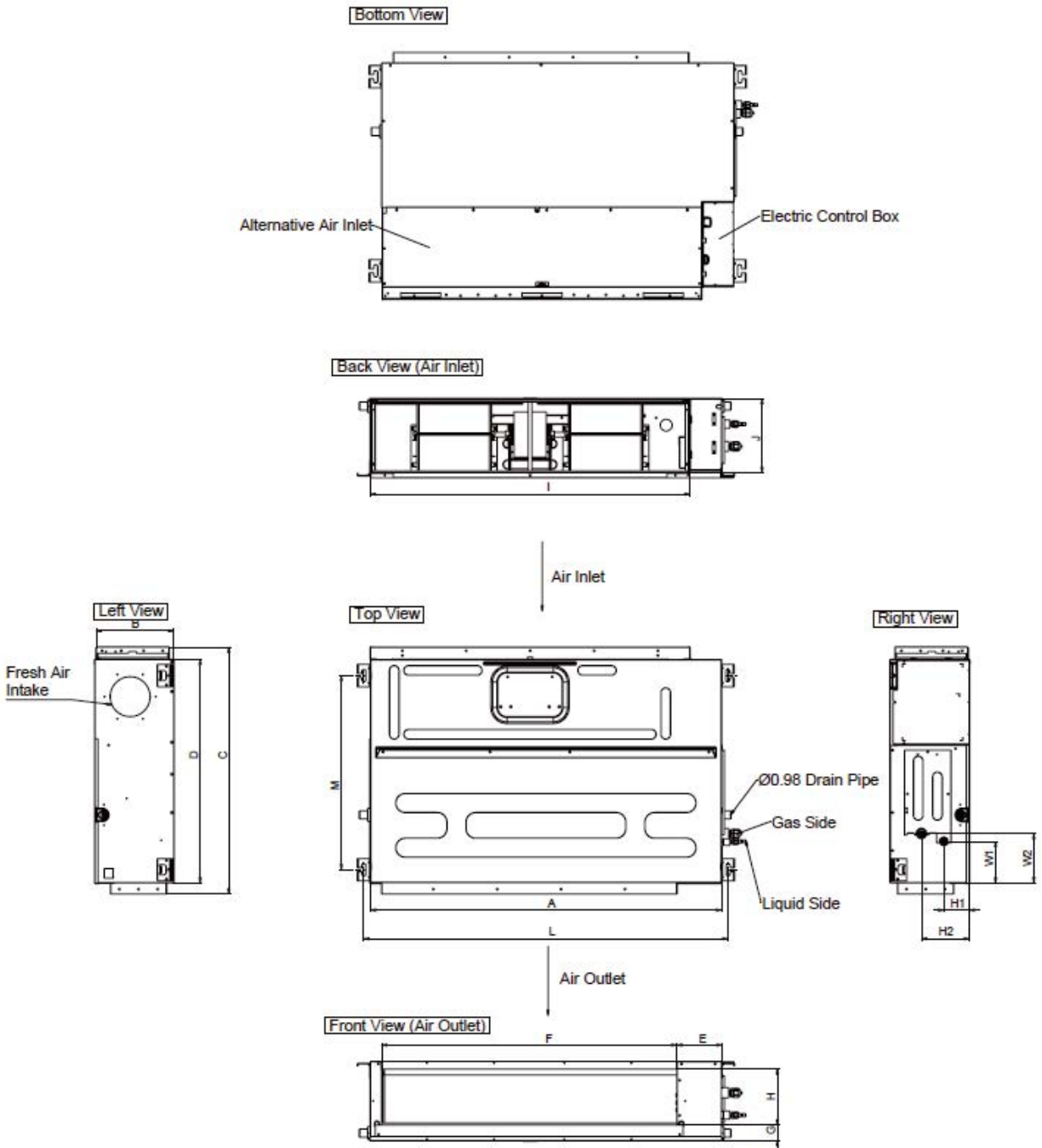
BMS-WT2-XXC (8733956180)	Wired Wall Thermostat
BMS-DRY-XXX (8733953129)	24V Interface

System Data

Refrigerant Type		R410A
Design pressure (PSIG)		550/340
IDU	Fan motor Model	ZKFN-55-8-22-1
	Fan motor qty (ea)	1
	Fan motor input (W)	130
	Fan speed (RPM)	1170 / 1030 / 850
	Air flow, H / M / L (CFM)	352.94 / 282.35 / 176.47
	Net weight (lbs / kg)	37.5 / 17.7
	Gross weight (lbs / kg)	48.3 / 21.9
	ESP range (Pa)	0-40
Drain pipe diameter (mm)		ODØ25



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-AAU012-1AHDXB	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

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Air Volume

