

Climate 5000 Series 18K BTU Universal Ducted IDU

Engineering
Submittal
Sheet



BOSCH

Overview and Project Information



Project Name

Location

Architect

Engineer

General Contractor

Reference #

18K Btu Universal Ducted IDU

Indoor part number	8733953104
Indoor model number	BMS500-AAU018-1AHDXB

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

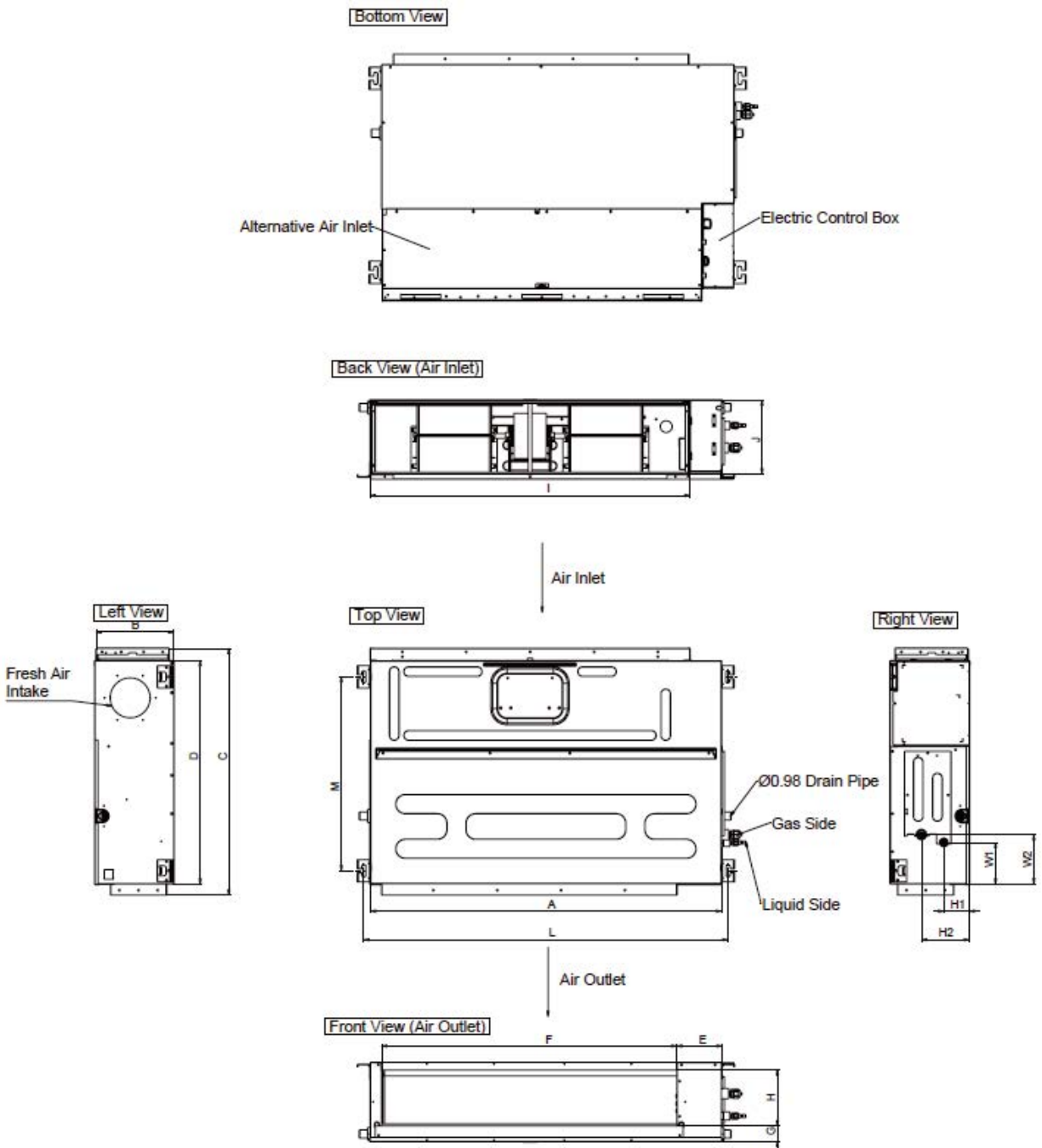
BMS-WT2-XXC (8733956180)	Wired Wall Thermostat
BMS-DRY-XXX (8733953129)	24V Interface

System Data

Refrigerant type		R410A
Design pressure (PSIG)		550/340
IDU	Fan motor model	ZKFN-160-8-1-2
	Fan motor qty (ea)	1
	Fan motor input (W)	90
	Fan speed (RPM)	850 / 700 / 450
	Air flow, H / M / L (CFM)	529.41 / 450.00 / 370.59
	Net weight (lbs / kg)	54 / 24.5
	Gross weight (lbs / kg)	66 / 30
	ESP range (Pa)	0-100
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-AAU018-1AHDXB	34.6	8.3	26.5	23.6	5.5	27.8	2.0	5.4	30.8	7.5	2.0	36.2	20.0	3.1	5.8	3.5	4.4

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Air Volume

