

Climate 5000 Series 24K BTU Universal Ducted IDU

Engineering
Submittal
Sheet



BOSCH

Overview and Project Information



Project Name

Location

Architect

Engineer

General Contractor

Reference #

24K Btu Universal Ducted IDU

Indoor part number 8733953105

Indoor model number BMS500-AAU024-1AHDXB

Electrical Data

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

Piping

Liquid side (in/mm) 3/8" / Ø9.52

Gas side (in/mm) 5/8" / Ø15.9

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-160-8-1-2

Fan motor qty (ea) 1

Fan motor input (W) 90

Fan speed (RPM) 880 / 820 / 690

Air flow, H / M / L (CFM) 775.47 / 693.06 / 434.88

Noise level, H / M / L (dB(A)) 44 / 40 / 35.5

Net weight (lbs / kg) 87 / 39.4

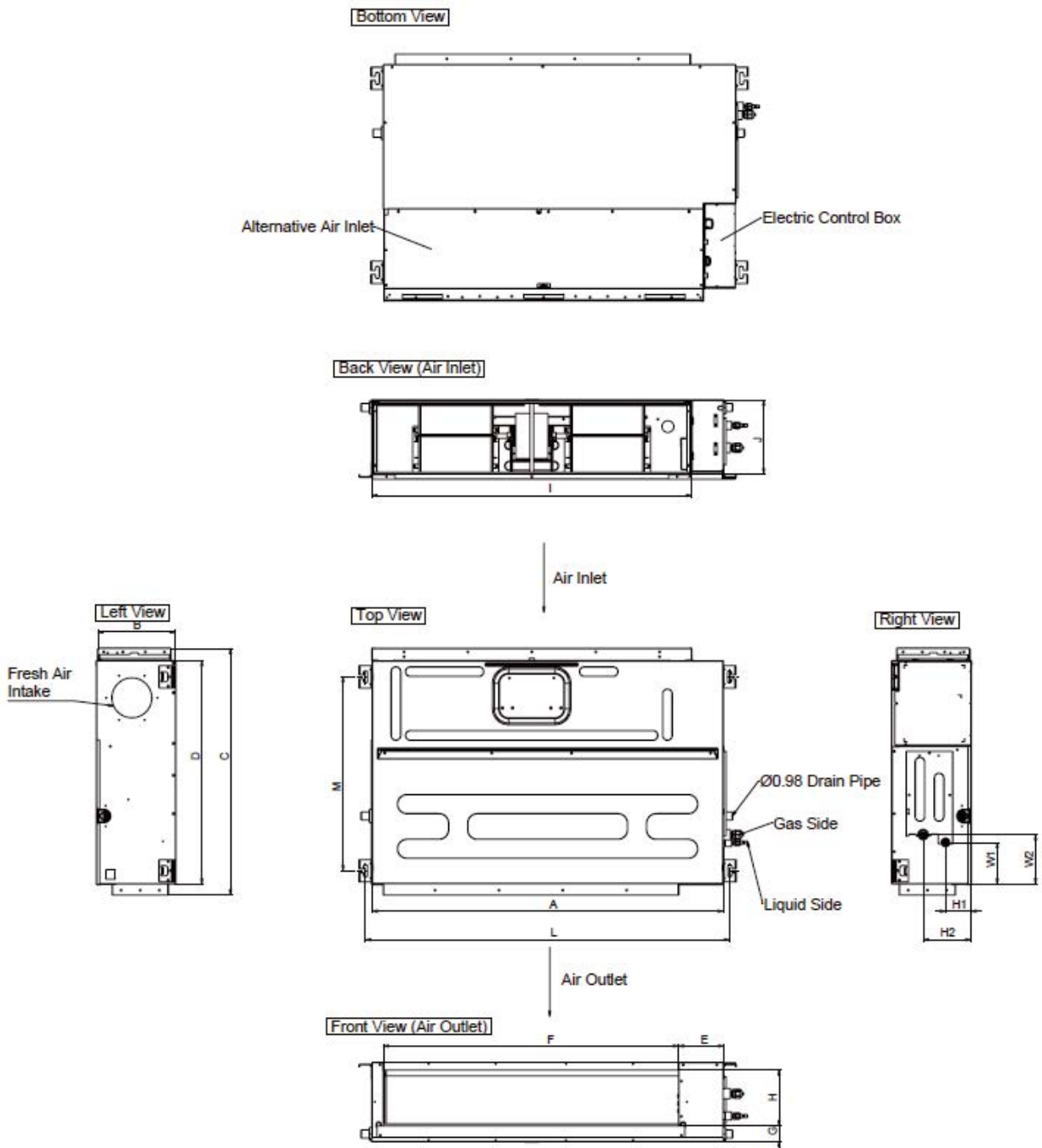
Gross weight (lbs / kg) 103 / 46.7

ESP range (Pa) 0-160

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-AAU024-1AHDXB	43.3	9.8	30.5	27.6	5.5	36.5	2.0	6.9	39.4	9.0	2.0	44.9	23.5	3.1	5.9	5.1	6.1



Air Volume

