



# YESIR

end-to-end HVAC&R Solution Partner





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## AIR HANDLING UNIT





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## 0. INTRODUCTION

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Yesir Klima Teknik designs and delivers a wide range of marine-type air handling units tailored to customer-specific requirements and fully compliant with the rules of leading classification societies.

From concept to final delivery, compliance with maritime standards is our top priority. Every stage of production is carefully monitored and controlled by Yesir Klima Teknik. Through comprehensive know-how transfer and on-site inspections, we ensure that all equipment meets marine standards, class regulations, and client specifications without compromise.

Manufacturing is performed by our trusted strategic partner, Smartair, in accordance with internationally recognized standards and strict quality assurance processes. This collaboration guarantees high performance, durability, and long-term operational reliability, even under demanding marine conditions.

A variety of custom-configured air handling unit solutions are available to meet diverse project needs. Options include direct expansion cooling coils, chilled water cooling coils, hot water heating coils, electric heaters, and humidification systems, all integrated to deliver optimal comfort and efficiency at sea.

Please contact us for more details. [rfq@yesir.com.tr](mailto:rfq@yesir.com.tr)



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## 1. AIR HANDLING UNIT WITHOUT HUMIDIFIER

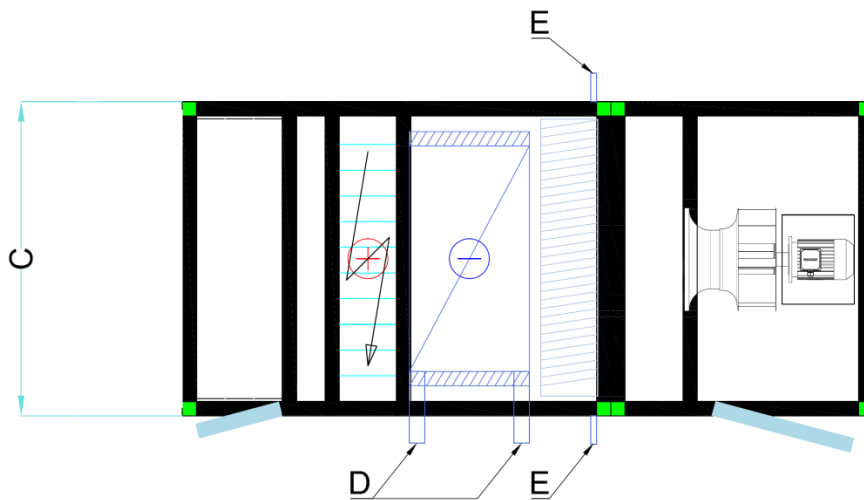
NO	MODEL	TYPE	AIR FLOW RATE	DUST FILTER	ELECTRICAL HEATER	HUMIDIFIER	SWITCHBOARD/ CONTROL PANEL
1	AHU 1	Mixing Air	3.000 m <sup>3</sup> /h	G4 Standart	4 Step	N/A	Seperatly included.
2	AHU 2	Mixing Air	4.500 m <sup>3</sup> /h	G4 Standart	4 Step	N/A	Seperatly included.
3	AHU 3	Mixing Air	6.500 m <sup>3</sup> /h	G4 Standart	4 Step	N/A	Seperatly included.
4	AHU 4	Mixing Air	8.500 m <sup>3</sup> /h	G4 Standart	4 Step	N/A	Seperatly included.
5	AHU 5	Mixing Air	11.000 m <sup>3</sup> /h	G4 Standart	4 Step	N/A	Seperatly included.
6	AHU 6	Mixing Air	13.000 m <sup>3</sup> /h	G4 Standart	4 Step	N/A	Seperatly included.
7	AHU 7	Mixing Air	14.500 m <sup>3</sup> /h	G4 Standart	4 Step	N/A	Seperatly included.
8	AHU 8	Mixing Air	17.000 m <sup>3</sup> /h	G4 Standart	4 Step	N/A	Seperatly included.
9	AHU 9	Mixing Air	20.000 m <sup>3</sup> /h	G4 Standart	4 Step	N/A	Seperatly included.



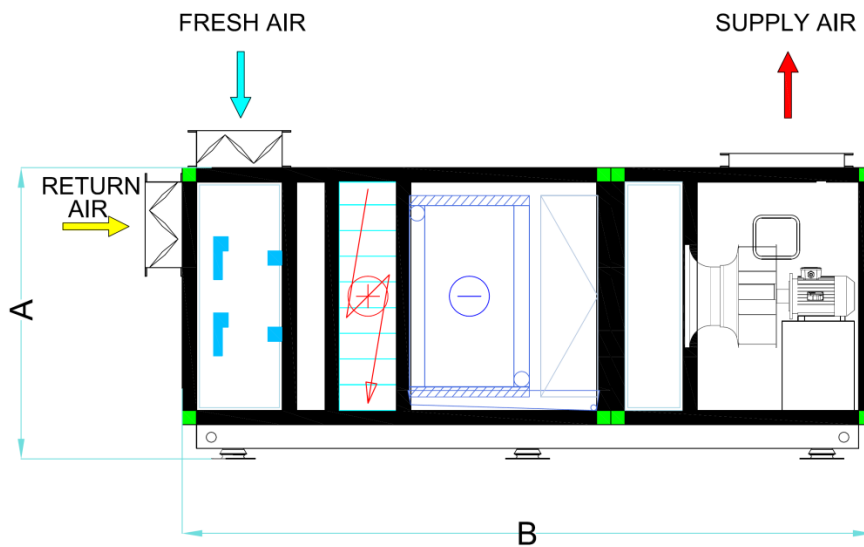
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## TOP VIEW



## SIDE VIEW





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NO	MODEL	TYPE	AIR FLOW RATE	A	B	C	D	E
1	AHU 1	Mixing Air	3.000 m <sup>3</sup> /h	950 mm	2950 mm	800 mm	∅ 42 mm	∅ 20 mm
2	AHU 2	Mixing Air	4.500 m <sup>3</sup> /h	950 mm	3050 mm	1100 mm	∅ 66 mm	∅ 20 mm
3	AHU 3	Mixing Air	6.500 m <sup>3</sup> /h	1250 mm	3150 mm	1100 mm	∅ 66 mm	∅ 20 mm
4	AHU 4	Mixing Air	8.500 m <sup>3</sup> /h	1250 mm	3450 mm	1400 mm	∅ 66 mm	∅ 20 mm
5	AHU 5	Mixing Air	11.000 m <sup>3</sup> /h	1550 mm	3500 mm	1400 mm	∅ 80 mm	∅ 25 mm
6	AHU 6	Mixing Air	13.000 m <sup>3</sup> /h	1550 mm	3650 mm	1400 mm	∅ 80 mm	∅ 25 mm
7	AHU 7	Mixing Air	14.500 m <sup>3</sup> /h	1550 mm	3550 mm	1800 mm	∅ 105 mm	∅ 25 mm
8	AHU 8	Mixing Air	17.000 m <sup>3</sup> /h	1550 mm	3700 mm	1800 mm	∅ 105 mm	∅ 25 mm
9	AHU 9	Mixing Air	20.000 m <sup>3</sup> /h	1550 mm	3700 mm	2100 mm	∅ 105 mm	∅ 25 mm



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## 2. AIR HANDLING UNIT WITH HUMIDIFIER

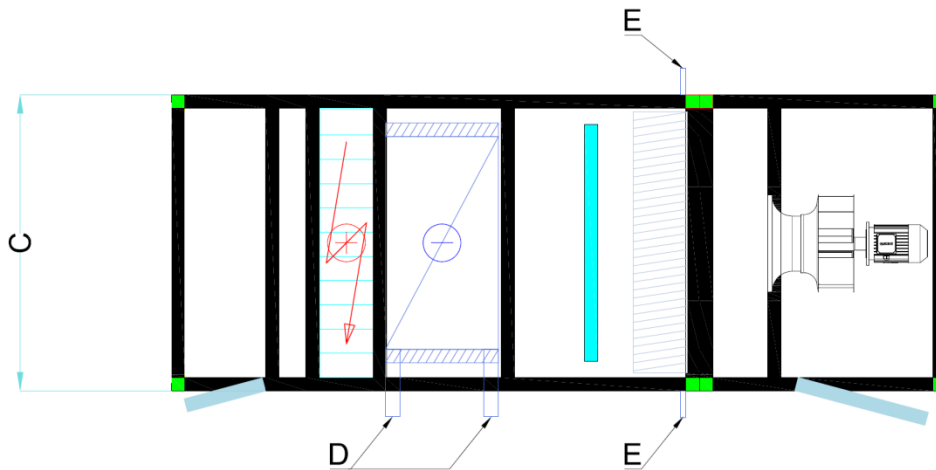
NO	MODEL	TYPE	AIR FLOW RATE	DUST FILTER	ELECTRICAL HEATER	HUMIDIFIER	SWITCHBOARD/ CONTROL PANEL
1	AHU 1A	Mixing Air	3.000 m <sup>3</sup> /h	G4 Standart	4 Step	Steam Humidifier	Seperatly included.
2	AHU 2A	Mixing Air	4.500 m <sup>3</sup> /h	G4 Standart	4 Step	Steam Humidifier	Seperatly included.
3	AHU 3A	Mixing Air	6.500 m <sup>3</sup> /h	G4 Standart	4 Step	Steam Humidifier	Seperatly included.
4	AHU 4A	Mixing Air	8.500 m <sup>3</sup> /h	G4 Standart	4 Step	Steam Humidifier	Seperatly included.
5	AHU 5A	Mixing Air	11.000 m <sup>3</sup> /h	G4 Standart	4 Step	Steam Humidifier	Seperatly included.
6	AHU 6A	Mixing Air	13.000 m <sup>3</sup> /h	G4 Standart	4 Step	Steam Humidifier	Seperatly included.
7	AHU 7A	Mixing Air	14.500 m <sup>3</sup> /h	G4 Standart	4 Step	Steam Humidifier	Seperatly included.
8	AHU 8A	Mixing Air	17.000 m <sup>3</sup> /h	G4 Standart	4 Step	Steam Humidifier	Seperatly included.
9	AHU 9A	Mixing Air	20.000 m <sup>3</sup> /h	G4 Standart	4 Step	Steam Humidifier	Seperatly included.



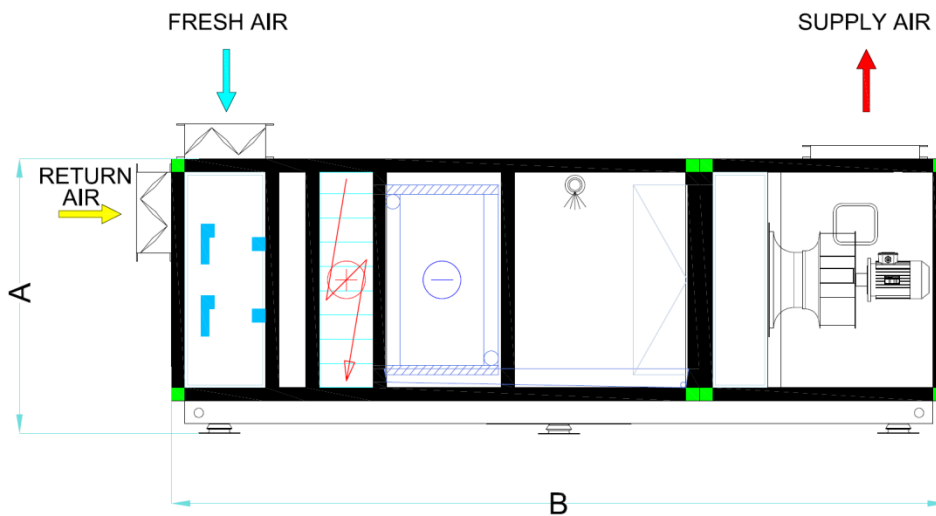
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## TOP VIEW



## SIDE VIEW





# YESIR

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NO	MODEL	TYPE	AIR FLOW RATE	A	B	C	D	E
1	AHU 1A	Mixing Air	3.000 m <sup>3</sup> /h	950 mm	3350 mm	800 mm	Ø 42 mm	Ø 20 mm
2	AHU 2A	Mixing Air	4.500 m <sup>3</sup> /h	950 mm	3450 mm	1100 mm	Ø 66 mm	Ø 20 mm
3	AHU 3A	Mixing Air	6.500 m <sup>3</sup> /h	1250 mm	3550 mm	1100 mm	Ø 66 mm	Ø 20 mm
4	AHU 4A	Mixing Air	8.500 m <sup>3</sup> /h	1250 mm	3850 mm	1400 mm	Ø 66 mm	Ø 20 mm
5	AHU 5A	Mixing Air	11.000 m <sup>3</sup> /h	1550 mm	4250 mm	1400 mm	Ø 80 mm	Ø 25 mm
6	AHU 6A	Mixing Air	13.000 m <sup>3</sup> /h	1550 mm	4700 mm	1400 mm	Ø 80 mm	Ø 25 mm
7	AHU 7A	Mixing Air	14.500 m <sup>3</sup> /h	1550 mm	4500 mm	1800 mm	Ø 105 mm	Ø 25 mm
8	AHU 8A	Mixing Air	17.000 m <sup>3</sup> /h	1550 mm	4850 mm	1800 mm	Ø 105 mm	Ø 25 mm
9	AHU 9A	Mixing Air	20.000 m <sup>3</sup> /h	1550 mm	5300 mm	2100 mm	Ø 105 mm	Ø 25 mm