

DVUT 500 HB EC A21

Floor-mounted single-room air handling units in a heat and sound-insulated casing

• Heat exchanger type: Counter flow

Extract filter: MERV 8Supply filter: MERV14

Motor type: ECBypass: Auto

• BMS protocol: ModBus

Control: Built-in control panelCasing material: Galvanized steelHumidity sensor: Optional

Humidity sensor: Optional
CO2 sensor: Optional
VOC sensor: Optional
PM2.5 sensor: Optional
Temperature sensor: Built-in

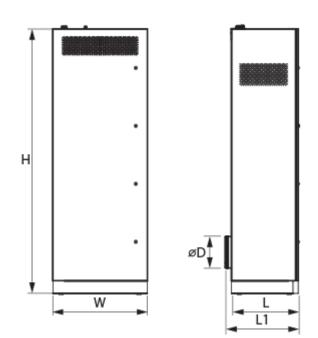
• Sound pressure level LpA at 10 ft: 1.6

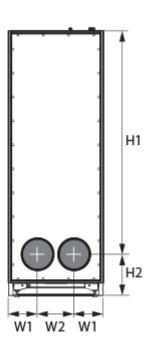
	Unit of measurement	DVUT 500 HB EC A21		
Connected air duct size	in	9 13/16"		
Speed	-	1		
Phases	-	1		
Minimum supply voltage	V	120		
Maximum supply voltage	V	120		
Power supply frequency	Hz	50/60		
Rated power	W	310		
Maximum unit current	A	3.9		
Maximum performance @0.1"	CFM	300		
rotation speed at 50hz	-	2450		
rotation speed at 60hz	-	2450		
Heat recovery efficiency, max	%	93		
Heat exchanger type	-	Counter flow		
Heat exchanger material	-	Aluminum		
Extract filter	-	MERV 8		
Supply filter	-	MERV14		
Extract filter	-			
Sound pressure level LpA at 10 ft	Sones	1.6		



Dimensions

w	W1	W2	L	L1	Н	H1	H2	D
29 1/2"	11 7/16"	9 1/16"	21 1/16"	23"	85 7/16"	72 3/16"	13 1/4"	9 13/16"





Accessories

Controls

Name	Photo	Description			
<u>CO2-1</u>	(a)	The sensor is designed for indoor carbon dioxide concentration measurement and respective air capacity regulation through the control output signal to the fan. Air capacity control based on CO2 concentration is an efficient energy saving solution			
CO2-2	Change	The sensor is designed for indoor carbon dioxide concentration measurement an respective air capacity regulation through the control output signal to the fan. Ai capacity control based on CO2 concentration is an efficient energy saving solution			
HR-S	THE PARTY OF THE P	The humidistat is designed for controlling humidification and/or dehumidification ventilation, air conditioning and heating systems. Can also be used to alarm whe the humidity exceeds or falls below a pre-set level			