



Counter-flow, high-efficiency Heat Recovery Unit CAD-HE EC Series

Serial IDEO 450 ECOWATT

CAD HE 325 EC V BASIC

Heat recovery unit with an aluminium heat exchanger offering up to 92% efficiency which provides a constant air change in the building.

The casing is manufactured from a frameless construction with double skinned mineral wool insulated panels.

All units are equipped with high efficient filters for good air quality. Plug fans with backward curved impeller and EC external rotor motor ensures low energy consumption.

Free cooling is provided by 100% by-pass during summertime.

The integral controls offer Plug & Play.

Sensors as CO2 or RH are also available as accessories to provide Demand Controlled Ventilation.

The units are designed for indoor installation.



Technical data

Technical characteristics

Model	Airflow (m³/h)	Power supply	Fans		Preheater		Max. Sound pressure level at 3m*		
			Total motor power (W)	Maximum absorbed current (A)	Heater power (W)	Maximum absorbed current (A)	Radiated	Inlet	Outlet
Vertical installation									
CAD HE 325 EC V BASIC	480	1~ 230V, 50Hz	230	1,3	-	-	37	43	49
CAD HE 325 EC V BASIC PH	480	1~ 230V, 50Hz	230	1,3	1500	6,8	37	43	49
CAD HE 450 EC V BASIC	540	1~ 230V, 50Hz	345	2,0	-	-	38	42	46
CAD HE 450 EC V BASIC PH	540	1~ 230V, 50Hz	345	2,0	1500	6,8	38	42	46
False ceiling installation									
CAD HE 450 EC H BASIC	620	1~ 230V, 50Hz	252	1,8	-	-	30	38	55
CAD HE 450 EC H BASIC PH	620	1~ 230V, 50Hz	252	1,8	1500	6,8	30	38	55

* Free field conditions.