

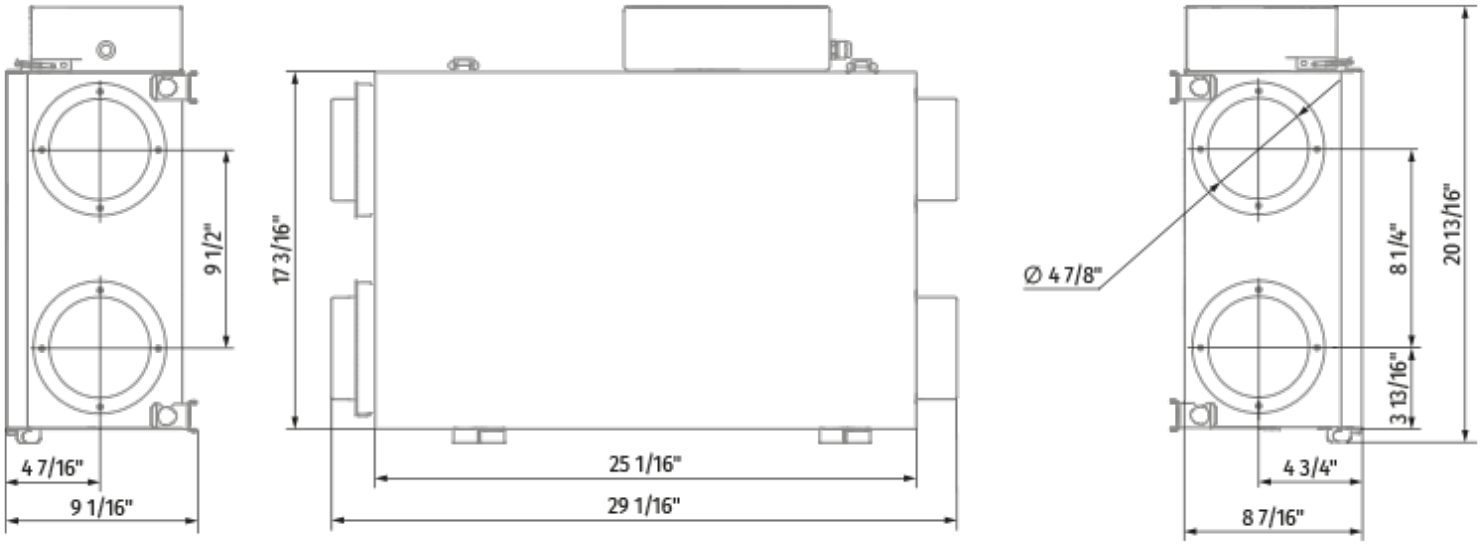
ERV DR 80

Energy Recovery Ventilators are the complete whole house ventilation system designed to bring a continuous supply of fresh air into the house while exhausting an equal amount of stale air

- Heat exchanger type: Cross flow
- Heat exchanger material: Enthalpy
- Supply filter: Poret PPI 20/MERV6
- Extract filter: Poret PPI 20/MERV6
- Sound-insulated casing
- Enthalpy heat exchanger
- Casing material: Aluzinc steel

	Unit of measurement	ERV DR 80
Connected air duct size	in	5”
Minimum supply voltage	V	120
Maximum supply voltage	V	120
Power supply frequency	Hz	60
Rated power	W	74
Maximum unit current	A	0.6
Minimum performance @0.4"	CFM	46
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Enthalpy
Weight	lb	35.3
Supply filter	-	Poret PPI 20/MERV6
Extract filter	-	Poret PPI 20/MERV6
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-25
Ambient air temperature max	°C	40
Ambient air temperature min	°C	1
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44
Ambient air humidity max	%	80

Dimensions


9 1/2"
4 7/16"
9 1/16"
17 3/16"
25 1/16"
29 1/16"
Ø 4 7/8"
8 1/4"
3 13/16"
20 13/16"
4 3/4"
8 7/16"

Accessories

Controls

Name	Photo	Description
S52		20/40/60 Push Button Timer
CDP-3/5		Wall Speed Controller
AC208EM2+LP		Wall Control Panel

Other accessories

Name	Photo	Description
CD-1		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 CO_2 concentration is an efficient energy saving solution.
CD-2		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 CO_2 concentration is an efficient energy saving solution.
HR-S		The humidistat is designed for controlling humidification and/or dehumidification in ventilation, air conditioning and heating systems. Can also be used to alarm when the humidity exceeds or falls below a pre-set level.