

Airflow

Fresh air volume		
Indoor	Type	ECM centrifugal
	CFM	226-400
	Available ESP	0.6" WC
	Supply connection	3.9" H x 29.1" W
	Return connection	Two 6" round on sides or bottom 8.7" x 22.1"
	Speeds	Low, med, high, boost, auto
	Filter	MERV 3
Outdoor	Type	ECM centrifugal
	CFM	385-638
	Available ESP	0.7" WC
	Intake connection	
	Exhaust connection	8" round

ERV

General	
Flow type	Counterflow enthalpy exchanger
Material	Mold and bacteria resistant, washable polymer membrane
ASHRAE compliance	62.1 And 62.2 When used with the ERV module

	40 CFM	60 CFM	60 CFM
Efficiency of core in winter			
Sensible %	86.7	85.2	83.1
Latent	72.5	65.1	60.3

	40 CFM	60 CFM	60 CFM
Efficiency of core in summer			
Sensible %	71.1	69.4	68.1
Latent	56.2	54.5	51.2

Filter	
Indoor air	MERV 3 / optional MERV 13
Outside air	MERV 13

Leakage				
Internal	WC	2.6% at 0.40"	2.4% at 0.40"	2.2% at 0.40"
External		2.8% at 1.0"	2.7% at 1.0"	2.5% at 1.0"

General

Compressor		
Refrigerant	Type	R32
	Oz.	23.97
Oil	Type	Fv50s
Type	BLDC twin rotary inverter	

Controls	
Basic functionality	Dependent on controller
WiFi	Optional module available
Dry contact	Yes

Modes	
Operation	Cool+ fresh air, cool only, heat+ fresh air, heat only, auto
Restricted modes	Heat only, cool only, temperature limiting
Timers	Dependent on controller

Condensate		
Pipe	Size	3/4" Outside diameter
	Material	Rubber

Sound

Sound		
Indoor	dB(A)	27-43
	STC	40
	OITC	35
Outdoor	dB(A)	28-55

Dimensions

Physical data		
Dimensions	Net	41.4 W x 45.7" D x 11" H
Weight	Net	170 lb
	Gross	190 lb
Cabinet	Finish	Black covered with dark gray EPDM
	Material	Steel