

ERV's vs HRV's

ERV = Energy recovery ventilator = transfers both heat and humidity

1. Advantage = RenewAire ERV is less likely to over dry the home in the winter while still removing the excess (wet windows) moisture (50% latent transfer)
2. Advantage – ERV will NOT add as much of a load on your AC in the summer = more comfort
3. Advantage – ERV does not have a condensate drain to run = less labor
4. Advantage – Since NO drain – ERV can be mounted in multiple orientation = can save time
5. Advantage – RenewAire ERV's are **more efficient** than almost all HRV's (exception – some dual core units – very expensive)
6. Advantage – RenewAire = fewer moving parts so less maintenance
7. Advantage – RenewAire = vacuum the core and filter maintenance - DO NOT wash the core
8. Advantage – RenewAire ERV's have over 30 years of operation in our cold climate (Made in USA)

HRV = Heat Recovery Ventilator = transfers temperature only

1. HRV's are more likely to over dry the home – humidifier needs to work harder
2. HRV's do not perform well in the summer
3. HRV's require a condensate drain which requires maintenance and can cause water issues
4. HRV's have more moving parts = more service
5. HRV's are fairly efficient in temperature transfer – but no humidity
6. HRV's need to be mounted upright due to drains – not as much flexibility