



Fresh Air – Heat Recovery Ventilator - HRV



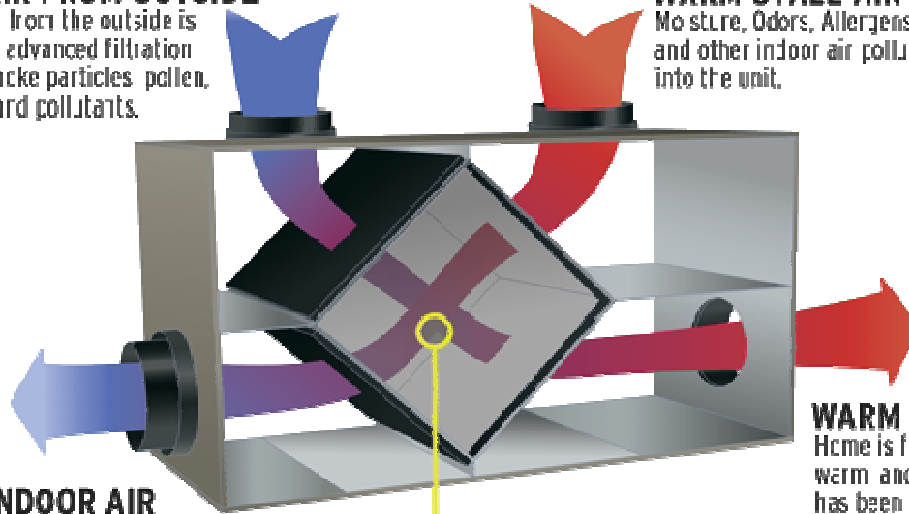
“As building efficiency is improved with insulation and weather stripping, buildings are intentionally made more airtight, and consequently less well ventilated. Since all buildings require a source of fresh air, the need for HRVs has become obvious. While opening a window does provide ventilation, the building's heat and humidity will then be lost in the winter and gained in the summer, both of which are undesirable for the indoor climate and for energy efficiency, since the building's HVAC systems must compensate. *HRV's introduce fresh air into a building and improves climate control, whilst promoting efficient energy use.*” - Wikipedia; HRV

COLD FRESH AIR FROM OUTSIDE

Fresh oxygen rich air from the outside is pulled into the unit's advanced filtration system to remove smoke particles, pollen, and other allergens and pollutants.

WARM STALE AIR FROM INSIDE

Moisture, Odors, Allergens, VOCs, CO and CO₂, and other indoor air pollutants are pulled into the unit.



COOL STALE INDOOR AIR

After the heat is removed from the stale indoor air this air becomes cool and is exhausted outside.

ENERGY RECOVERY CORE

Heat from the stale indoor air is transferred through the unit's core to warm the cold fresh air before it enters the home.

WARM PURIFIED AIR

Home is filled with fresh, warm and oxygenated air that has been purified and tempered by the unit, creating a healthy, efficient, and odor free indoor environment.

The Most Energy Efficient way to mitigate Radon!