

ERV Energy Code Requirements By Climate Zone (ASHRAE 90.1-2010/IECC-2012)

NEW ENERGY RECOVERY VENTILATION REQUIREMENTS

- Based on DOE Climate Zone
- Cost Justified by Zone
- Broadened Building Applications
- Previously ≥ 5000 cfm Supply and $\geq 70\%$ Outdoor Air – all Zones

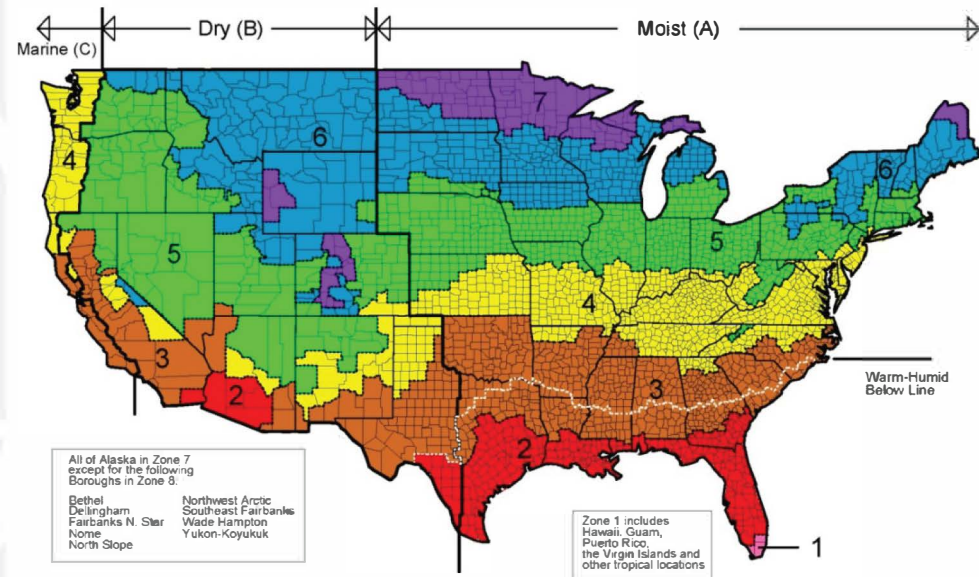


Table 6.5.6.1 Energy Recovery Requirement (IP)

Zone	% Outdoor air at full design airflow rate					
	$\geq 30\%$ and < 40%	$\geq 40\%$ and < 50%	$\geq 50\%$ and < 60%	$\geq 60\%$ and < 70%	$\geq 70\%$ and < 80%	$\geq 80\%$
3B, 3C, 4B, 4C, 5B	NR	NR	NR	NR	≥ 5000	≥ 5000
1B, 2B, 5C	NR	NR	≥ 26000	≥ 12000	≥ 5000	≥ 4000
6B	≥ 11000	≥ 5500	≥ 4500	≥ 3500	≥ 2500	≥ 1500
1A, 2A, 3A, 4A, 5A, 6A	≥ 5500	≥ 4500	≥ 3500	≥ 2000	≥ 1000	> 0
7, 8	≥ 2500	≥ 1000	> 0	> 0	> 0	> 0