



Washington State Building Code Council

Improving the built environment by promoting health, safety and welfare

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STATE BUILDING CODE OPINION NO. 24-05

CODE: 2021 Washington State Energy Code

SECTION: R406 Supplemental heating for air source heat pumps

QUESTION: Under what circumstances can base pan warmers be provided and meet requirements for System Type 4 with Table R406.3 option 3.3 or 3.6?

ANSWER: **Electric resistance supplemental heat within a unit can be installed provided the unit performs per the federal definition for a cold climate heat pump and it is included in the NEEP qualified products list. Base pan heaters in outdoor compressors are acceptable in any heat pump system as needed. Footnote a allows additional supplemental heat for the dwelling unit.**

SUPERSEDES: None

REQUESTED BY: City of West Richland