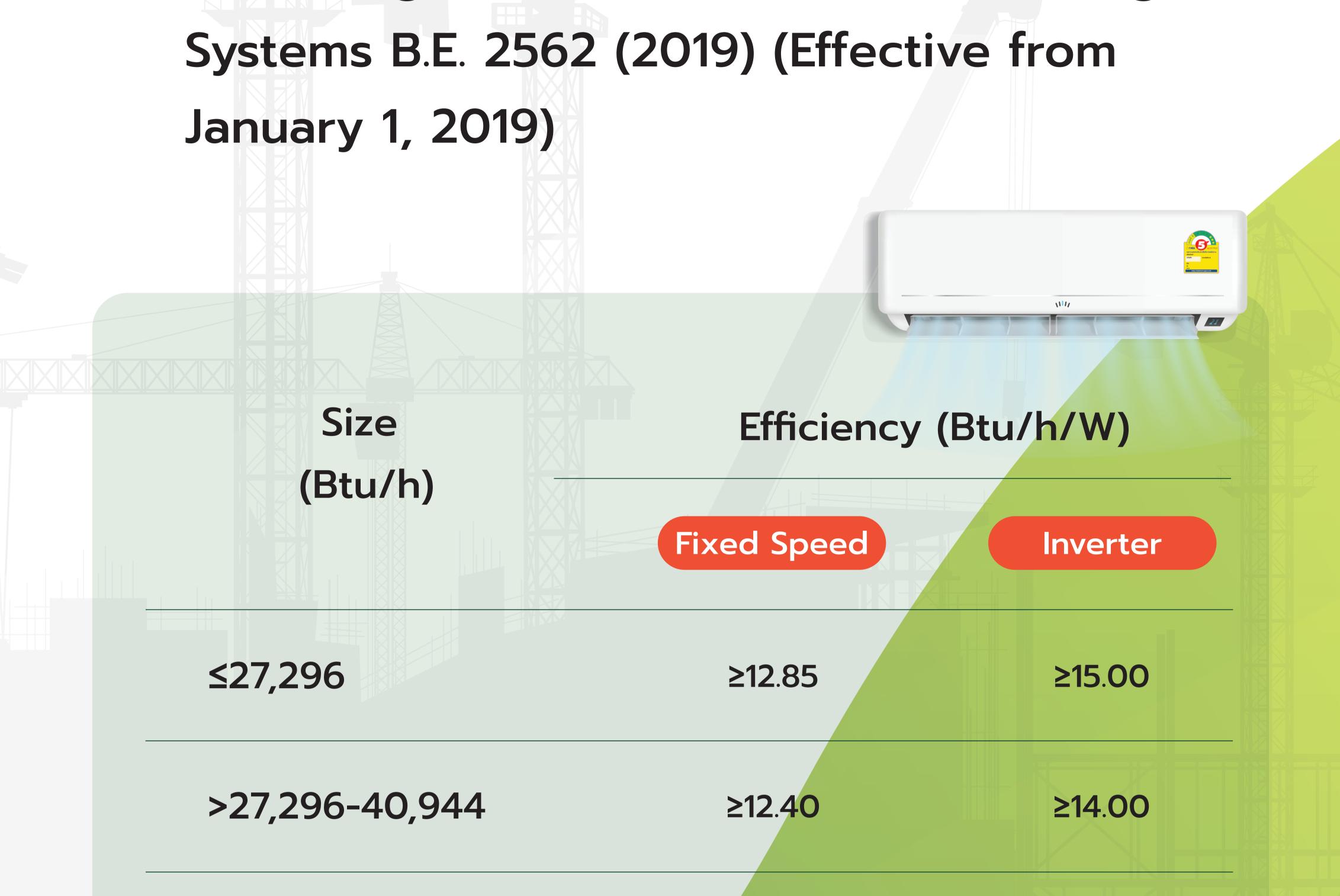


Department of Alternative Energy Development and Efficiency MINISTRY OF ENERGY



Air - Conditioning System & Chiller

The Energy Efficiency of Air Conditioning



>40,944-61,416		≥10.00	≥14.00
			<image/>
Water Chiller		Full Load	Power rate per Tonne
Type		Chiller Size	of Refrigerant
Cooling Method	Condenser Type	ton	kW/ton
Air-cooled	All types	All types	≤1.12
	Reciprocating Type	All types	≤ 0.88
	Rotary or Screw Type	All types	≤0.70
	Scroll Type	All types	≤0.89
	Centrifugal Type	≤300	≤0.67
		>300	≤0.61

- * Based on a standard testing condition where a chilled water supply system has a water temperature of 7.2 degrees Celsius and a chilled water return system has a water temperature of 32.2 degrees Celsius.
- * The other components of the electrical system such as the cooling system, cold water supply system, and air-cooling system, The total value must not exceed
 0.5 kilowatts per ton of cooling capacity.



Building Energy Code

https://bec.dede.go.th



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