

AIR-COOLED VARIABLE REFRIGERANT FLOW (VRF)—MULTI-SPLIT HEAT PUMP

EQUIPMENT ¹	REQUIREMENTS	ESTIMATED AVERAGE SAVINGS	UNIT INCENTIVE
Air-Cooled VRF— Multi-Split Heat Pump Non-ducted, Office	Limited to projects ≥ 25,000 sq ft Install dedicated outdoor air system (DOAS) with energy recovery meeting a 50% enthalpy recovery efficiency minimum DOAS air supplied at a neutral space temperature Each condenser unit has a rated cooling capacity greater than 5 tons with variable speed compressor operation and serves multiple ductless indoor evaporator units Meet or exceed 2016 CEE Tier 1 air-cooled VRF efficiency levels ² Majority of indoor fans are set to cycle rather than running continuously during occupied hours	5.54 kWh/sq ft of area served by VRF	\$1.00/sq ft of area served by VRF
Air-Cooled VRF— Multi-Split Heat Pump Ducted, Office	Limited to projects ≥ 25,000 sq ft Install DOAS with energy recovery meeting a 50% enthalpy recovery efficiency minimum DOAS air supplied at a neutral space temperature Each condenser unit has a rated cooling capacity greater than 5 tons with variable speed compressor operation and serves multiple ducted indoor evaporator units Meet or exceed 2016 CEE Tier 1 air-cooled VRF efficiency levels ² Majority of indoor fans are set to cycle rather than running continuously during occupied hours	4.86 kWh/sq ft of area served by VRF	\$1.00/sq ft of area served by VRF
Air-Cooled VRF— Multi-Split Heat Pump Non-ducted, School	Limited to projects ≥ 25,000 sq ft Install DOAS with energy recovery meeting a 50% enthalpy recovery efficiency minimum DOAS air supplied at a neutral space temperature Each condenser unit has a rated cooling capacity greater than 5 tons with variable speed compressor operation and serves multiple ductless indoor evaporator units Meet or exceed 2016 CEE Tier 1 air-cooled VRF efficiency levels ² Majority of fans are set to cycle rather than running continuously during occupied hours	6.35 kWh/sq ft of area served by VRF	\$1.00/sq ft of area served by VRF
Air-Cooled VRF— Multi-Split Heat Pump Ducted, School	Limited to projects ≥ 25,000 sq ft Install DOAS with energy recovery meeting a 50% enthalpy recovery efficiency minimum DOAS air supplied at a neutral space temperature Each condenser unit has a rated cooling capacity greater than 5 tons with variable speed compressor operation and serves multiple ducted indoor evaporator units Meet or exceed 2016 CEE Tier 1 air-cooled VRF efficiency levels ² Majority of fans are set to cycle rather than running continuously during occupied hours	5.80 kWh/sq ft of area served by VRF	\$1.00/sq ft of area served by VRF

Incentives apply only to equipment purchased on or after July 1, 2018. Incentives are subject to funding and availability, and may change. Savings estimates are based on annual averages. Your actual savings may vary.

¹The incentive is limited to offices and schools.

²2016 CEE Tier 1 VRF Air Cooled efficiency levels listed on pages 4–5 of “Appendix A: 2016 Through 2018 Commercial Unitary Air Conditioning and Heat Pumps Specification; Effective January 12, 2016 through December 31, 2018”: https://www.energytrust.org/wp-content/uploads/2018/07/Appendix_A_2016-18_CEE_ComACHP_UnitarySpec.pdf