

AIR COOLED DC MINI SPLIT SYSTEMS COMPARISON

							
MODEL	<i>VES Classic s</i>	<i>VES Classic L</i>	<i>VES Deluxe ICEBOX L</i>	<i>VES Deluxe ULTRA S</i>	<i>VES Deluxe ULTRA L</i>	<i>HD Deluxe HD-12L HD-24L HD-48L</i>	<i>VES Deluxe MAXX</i>
OPERATING VOLTAGE	12s- 10-15 VDC 24s- 20-31 VDC	12L- 10-15 VDC 24L- 20-31 VDC	12L- 10-15 VDC 24L- 20-31 VDC 48L- 40-62 VDC	12s- 10-15 VDC 24s- 20-31 VDC	12L- 10-15 VDC 24L- 20-31 VDC	12L- 10-15 VDC 24L- 20-31 VDC 48L- 40-62 VDC	12L- 10-15 VDC 24L- 20-31 VDC
CURRENT CONSUMPTION	12s- 35-38 AMPS** 24s- 20-27 AMPS**	12L- 49-55 AMPS** 24L- 29-33 AMPS**	12L- 38-55 AMPS** 24L- 25-33 AMPS** 48L- 8-16 AMPS**	12s- 35-38 AMPS** 24s- 20-27 AMPS**	12L- 38-55 AMPS** 24L- 25-33 AMPS** 48L- 8-16 AMPS**	12L- 38-55 AMPS** 24L- 25-33 AMPS** 48L- 8-16 AMPS**	12L- 75-95 AMPS** 24L- 50-65 AMPS**
COOLING CAPACITY	12s- 6k BTU* 24s- 7k BTU*	12L- 8.5k BTU* 24L- 9.5k BTU*	12L- 10k BTU* 24L- 11k BTU* 48L- 12k BTU*	12s- 6k BTU* 24s- 7k BTU*	12L- 8.5k BTU* 24L- 9.5k BTU* 48L- 11K BTU*	12L-10k BTU* 24L-11k BTU* 48L-12k BTU*	12L- 18k BTU* 24L- 19k BTU*
FEATURES							
THERMOSTAT COMPATABLE	NO	NO	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
Hydronic heat coil built in. Customer supplies hydronic heater and components	Available on some evaporators call for details	Available on some evaporators call for details	NO	YES	YES	NO	NO
ECO POWER SAVING MODE	NO	NO	YES <i>ECOCRUISE</i>	YES <i>ECOCRUISE</i>	YES <i>ECOCRUISE</i>	YES <i>ECOCRUISE</i>	YES <i>ECOCRUISE</i>
REFRIGERANT	R134a	R134a	R134a	R134a	R134a	R134a	R134a

- All “s” versions and “L” versions have the same size components, but the compressor size of the “s” version is a smaller displacement and physical size inside the compressor box.
- All Deluxe systems have infinite variable speed evaporator blowers, are thermostat capable and utilize *ECOCRUISE* variable speed compressor settings.
- All units (except for classics and any units manufactured before 9-2022) have the ability to adjust the compressor baseline speed for reduced current consumption. As with all variable speed compressors, reducing the compressor speed reduces the BTU’s of the unit.
- All Classic systems have a 4 position off / low / medium / high blower speed knob for the evaporator and are not plug and play thermostat capable. Also, the compressor speed on these models is fixed.
- Like adaptive cruise control on a vehicle, Cruise N Comfort’s *ECOCRUISE* is a system that automatically controls the speed and current consumption of our variable speed true DC compressor. Unlike other systems, *ECOCRUISE* is always active and takes over control of the compressor after the first 30 seconds of operation to maintain the best and most economical setting based on operating conditions.

*Maximum BTU ratings shown. BTU ratings vary depending on voltage, installation, condenser options and *ECOCRUISE* mode settings **Current ratings are nominal. Current ratings can fluctuate depending on accessories and or operating conditions.