




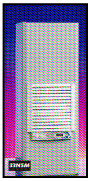





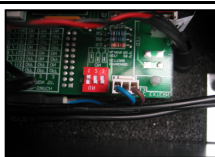
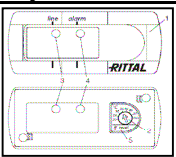
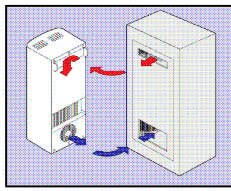



Comparison of Enclosure Cooling Units

Criteria	 KA4C5DP33L	 Genesis 33NSM Series	 DTS 3241	 SK 3304.140 RTT+
Design	 ✗	 ✗	 ✗	 ✓
Cooling Capacity	125°F on the nameplate only (not according to DIN 3168) / Manual shows 4,000 BTU @ 95/95 ✗	Rated 4,000 BTU on the nameplate with no temper.relation / Probably refers to operation at max. temp. of 125°F ✗	Rated 6,825 BTU @ A35/35 ✗ Rated 6,313 BTU @ A50/35 (not according to DIN 3168) ✗	Rated 1,000 Watts (5,123 BTU) on the nameplate (L35 L35 rating to DIN 3168) ✓
Approvals and Standards	UL-Listed; has 3-prong SJO cord (Customer must install socket in enclosure), cutting the cord means losing UL!!! ✗	UL-Listed; has 3-prong SJO cord (Customer must install socket in enclosure), cutting the cord means losing UL!!! ✗	No CSA / No GS / Unclear as to whether the integrated evaporator is UL approved ✗	 ✓
Protection	TYPE 12 and 3R to NEMA/EEMAC/UL50; type 1 for equipment compartment ✗ 	NEMA 12 ✓	IP 54 / NEMA 12 ✓	IP 54 / NEMA 12 ✓
Condensate Management	Hoses from internal/external coils to collection tray at bottom (same area as compressor) ✗	Condenser coil sits in bottom of condensate tray / Potential of pitting & corrosion on coil ✗	Very inefficient since PTC heats the whole pan (greater surface area with no "HOT" warning label) ✗	PTC heats only stainless steel pipe where condensate is collected, very energy efficient, UL approved and clearly marked ✓
Temperature Control	Internal thermostat set at 75°F (high risk of condensation/negative effect on energy efficiency) / Other possible settings (only): 70°F, 79°F ✗	 ✗ Filter needs to be removed to access / Simple potentiometer setting	 ✗ Internal Dip Switch to change to various temperatures	 ✓ Adjustable from 68–131°F
Mounting Options	Can be mounted fully external or fully internal only / Mounting angle require 6 bolts (easy to mount once angle installed) ✗	 ✗ External only	External mounting only (a different p/n must be chosen for partial installation -> DTI 3241) / no door limit switch available ✗	 ✓ External, partially internal and internal with one p/n
Condenser / Fin spacing	Epoxy coating coils (soldering joints are not coated) / Nano coating not possible at Kooltronic ✗	Nano coating or additional protection not applied at McLean ✗	Wider fin spacing (3mm) will still capture debris, especially in oily environments / Nano coating not applied ✗	1.5 mm fin spacing has more surface area to optimize cooling performance / Standard RiNano coating ✓



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