

## SINGULAR & ROW BASED COOLING:

Where cabinets are to be arranged in rows, as in a single row data centre or network core, the Cannon Cool units maybe mounted between them. This allows the system to share the cooling along the row without the need for an aisle containment system.

The cabinets must be 42U or taller and be at least 1200mm deep for an in-row cooling solution.

300mm mid row (200mm end row) cooling units have a maximum capacity of 30kw with water coils and 25kw with DX units. (optional 600mm 50-90 kW water cooled version). Additional side mount cooling units may also be installed on the row ends to increase both capacity and resilience.

The layout examples below have a total capacity of 60kw across the four cabinets, with two off WIRC 30kw water cooled units giving a total load of up-to 25kw in each cabinet. (50kw sensible)

Two off end of row units could be added, then 120kw of cooling is available, giving 30kw\* per cabinet, or 22.5kw\* with n+1 redundancy.

\*These are total cooling values.



MIDC42121450KWDX

HEIGHT U	WIDTH/DEPTH	ORDER CODE	COOLING MEDIUM	COMMENTS
42	800 (600 + 200) / 1200	MIDC42601230KWLH	30kW Water	600W Cab with WIRC to Left Hand
42	1000 (800 + 200) / 1200	MIDC42801230KWLH	30kW Water	800W Cab with WIRC to Left Hand
42	1000 (800+200) / 1200	MIDC42801225KWDX	25kW DX	800W Cab with WIRC to Left Hand
42	1000 (800 + 200) / 1200	MIDC42201230KW	30kW Water	Solo WIRC Unit Only – Add Cab below*
42	1000 (800 + 200) / 1200	MIDC42201225KWDX	25kW DX	Solo WIRC Unit – Add Cab below*
42	1100 (800 + 300) / 1200	MIDC42301230KW	30kW Water	Multi-cab possible*
42	1100 (800 + 300) / 1200	MIDC42301230KWDX	25kW DX	Multi-cab possible*
42	800 / 1200	MIDC428012000101	-	Additional cab only for above*
42	800 / 1200	MIDC428012302101	-	Additional cab only for above* including split (wardrobe)front door
42	600 / 1200	MIDC426012	-	Additional cab only for above*
42	1200 / 1400	MIDC42121450KWDX	50kW DX	**800W Cab with WIRC to LH & RH sides
42	800 / 1400	MIDC428014000101	-	Additional cab only for above**

## FEATURES:

- Rows may be extended easily by adding more cooling units and cabinets as and when required.
- These data centre ‘PODS’ may be used within any space or inside a traditional data centre, if required, with no impact upon the existing cabinets or cooling infrastructure. Quick to deploy and simple to configure.
- As ‘Stand Alone’ units they offer huge amounts of processing or networking in a small footprint.
- Particularly suitable for SAN, CCTV, Card Services, Network cores and High Density computing.
- Also available in external weatherproof cabinets for CCTV, Broadcast, Traffic, Rail, Telecoms/Cellular etc.
- Extreme security versions available