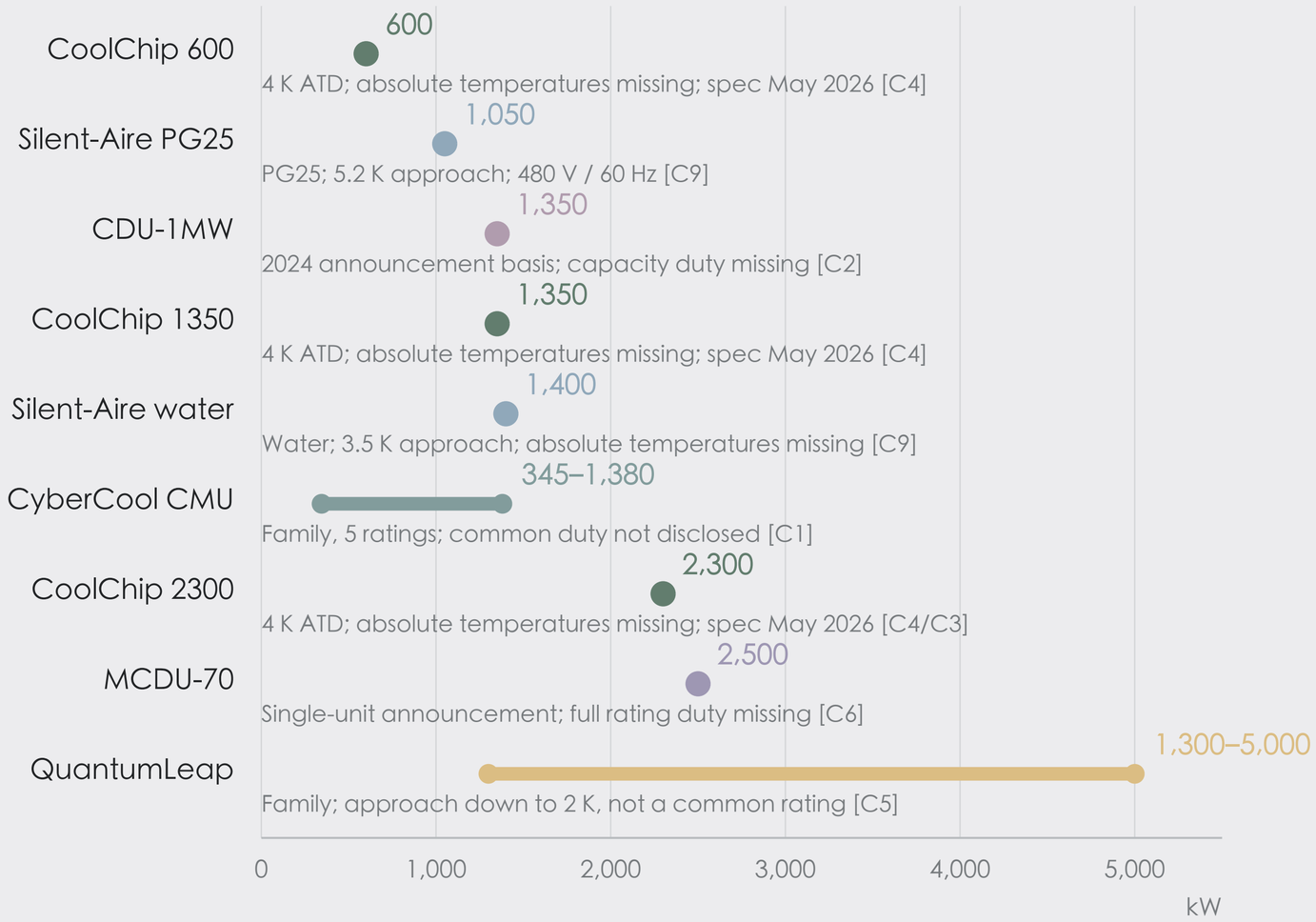
Coolant distribution units · Product benchmark

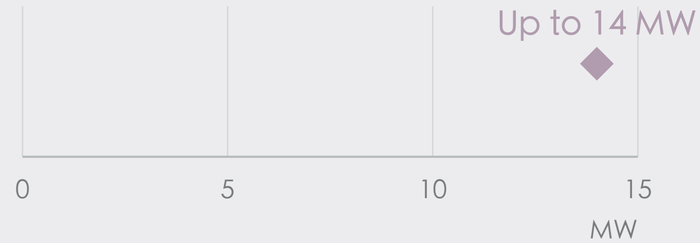
Disclosed cooling capacity and capacity per enclosure area; duty, configuration and source edition remain explicit.

Vertiv · Silent-Aire · LiquidStack · STULZ · Motivair · Carrier

Single units / product families · kW



Modular system · MW (separate)



LiquidStack GigaModular: commercial disclosure May 2026 [C8]. Multi-module platform, not one 14 MW unit.

Enclosure density · derived kW/m²

CoolChip 600	833.3
CoolChip 1350	1,206.8
CoolChip 2300	1,597.2
Silent-Aire PG25	968.8

Vertiv: 4 K ATD [C4]; PG25: 5.2 K approach [C9]. Absolute temperatures are incomplete; no normalized ranking. Water design does not inherit PG25 geometry.

Dots = disclosed ratings / claims; lines = family envelopes. Duties and liquids differ; capacity is not efficiency. Density uses capacity ÷ paired enclosure rectangle, excluding service area. Carrier’s approach can be as low as 2 K, not a common rating point for every capacity.