

EdgeChill™ Free Cool

Air-Cooled Chiller 200 - 1010kW

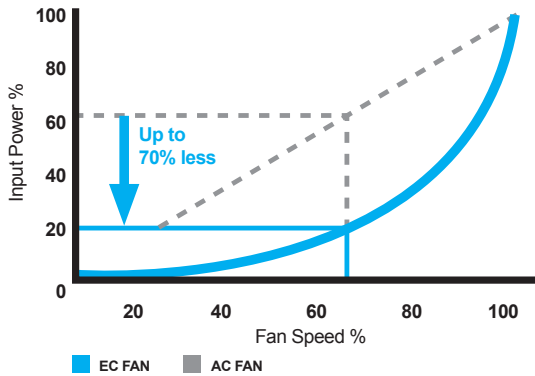
200-1010kW

- EER up to 12
- Intelligent control and optimization
- Purpose built for data center operation
- Free-cooling function operational up to 95% of time in a year

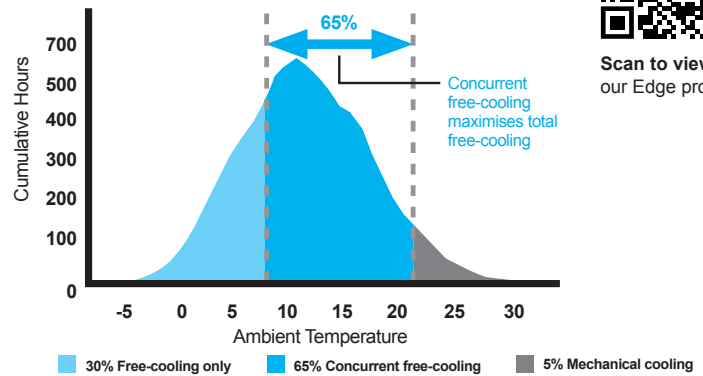


Efficiency & Intelligence

EC fan: Up to 70% more efficient than an AC fan at part load



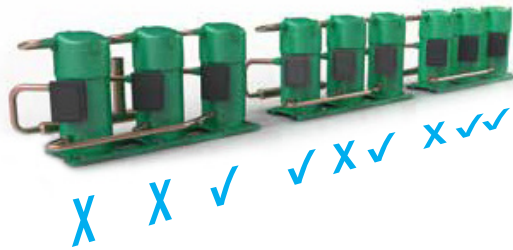
Up to 95% of the year spent in free-cooling



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Compressor Staging

Staging multiple compressors in a chiller enables precise match of capacity to load and even wear of the system.



Chiller Group Sequencing

Optimization among a group of up to 8 chillers based on ambient temperature ensures maximum free cooling.



Case Size	Chiller Model	No. of Circuits	Nominal Cooling (kW / Ton) ¹	EER MBH/kW ²	IPLV ³	Free-cooling (kW) ⁴	Free-cooling COP ⁵	Sound Pressure @ 10m (dBA)
Regular Quiet								
6 fan case - size 2: (in): 103(H) x 86.6(W) x 145.3(L)	ECF020DR-06	2	212 / 60.3	11.8	13.9	226	17.76	62.0
	ECF026DR-06	2	263 / 74.8	11.3	14.6	251	19.66	59.7
8 fan case - size 3: (in): 103(H) x 86.6(W) x 189.8(L)	ECF032DR-08	2	326 / 92.7	11.4	14.7	324	19.06	64.4
10 fan case - size 5: (in): 103(H) x 86.6(W) x 234.5(L)	ECF039DR-10	2	400 / 113.7	11.5	14.7	401	18.89	64.6
10 fan case - size 6: (in): 105.6(H) x 86.6(W) x 235.4(L)	ECF049DR-09	2	490 / 139.3	10.3	13.7	406	21.26	59.3
12 fan case - size 8: (in): 105.6(H) x 86.6(W) x 279.9(L)	ECF058DR-11	2	572 / 162.6	10.3	13.8	471	20.18	59.7
14 fan case - size 9: (in): 105.6(H) x 86.6(W) x 324.5(L)	ECF066DR-14	2	650 / 184.8	11.0	14.3	597	20.09	59.9
16 fan case - size 10: (in): 105.6(H) x 86.6(W) x 369.1(L)	ECF075TR-16	3	737 / 209.6	10.9	14.0	683	20.11	60.4
18 fan case - size 11: (in): 105.6(H) x 86.6(W) x 413.6(L)	ECF080TR-17	3	795 / 226.0	10.9	13.9	730	20.23	60.2
	ECF088TR-17	3	871 / 247.7	10.4	13.6	738	20.43	61.0
22 fan case - size 13: (in): 105.6(H) x 86.6(W) x 502.8(L)	ECF098TR-21	3	954 / 271.3	11.0	14.4	891	19.98	60.8
	ECF103TR-21	3	1,010 / 287.2	11.6	14.1	912	20.45	62.1



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