



Thermal Management
Innovation
an Eren Groupe Company

EcoFlow

Air₂O Packaged Closed Loop Economizer Solution



Custom Engineered
Thermal Management Solution for Data Centers



Product Description

Packaged, 100% return, closed loop economized, mission critical system with DX trim. Available in either rooftop and slab mount, (perimeter), configuration. 3 modes of operation:

- ▶ Full economization
- ▶ Hybrid, DX and Economized
- ▶ Full DX

Optional adiabatic assist in all 3 modes



Features and Benefits



R454b



PUE as low as 1.1



100% Return Air



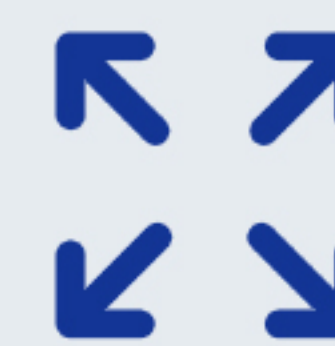
Waterless - Zero WUE



Easily Maintained
& Serviced



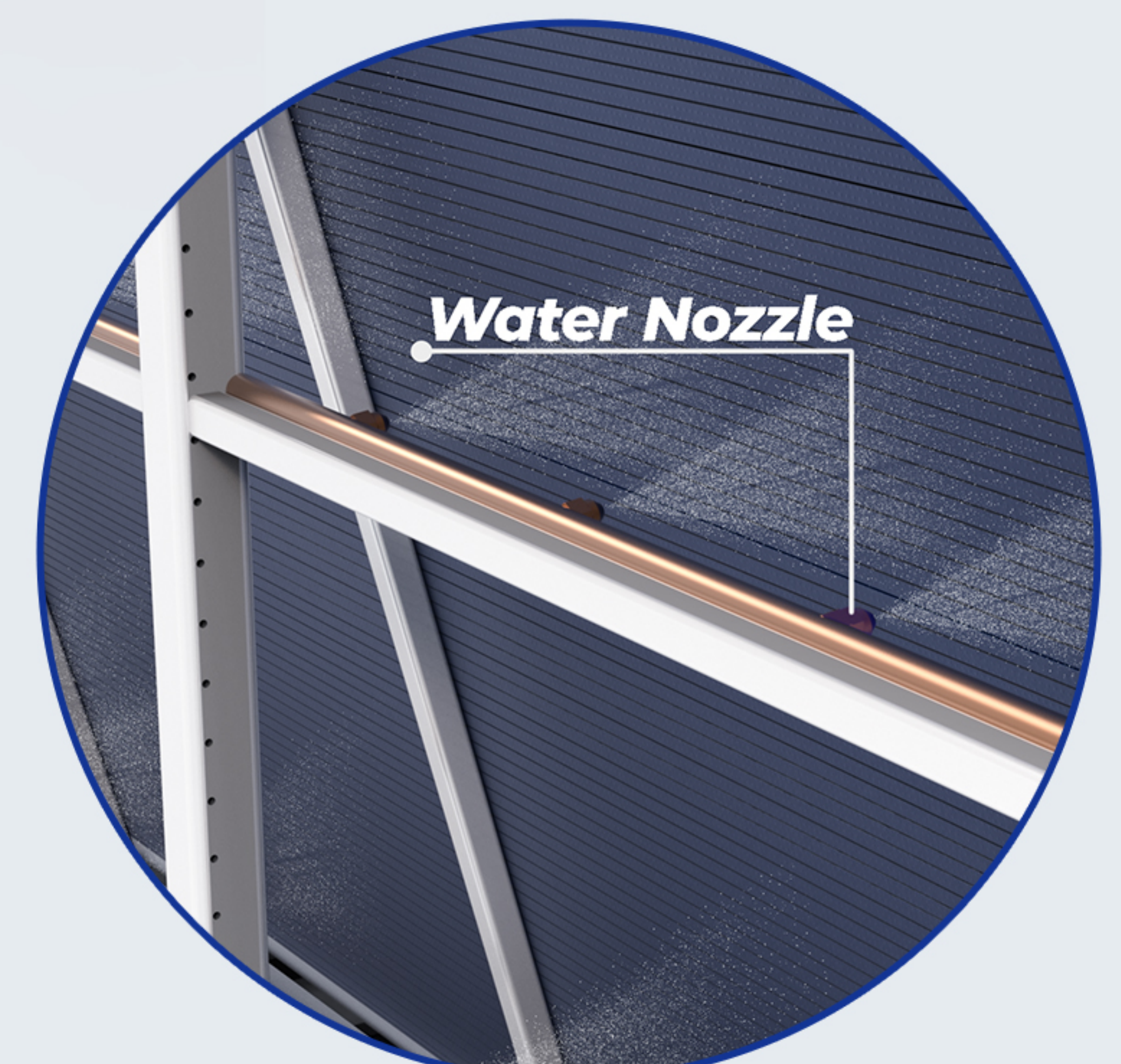
Commonly Available
Components



Scalable

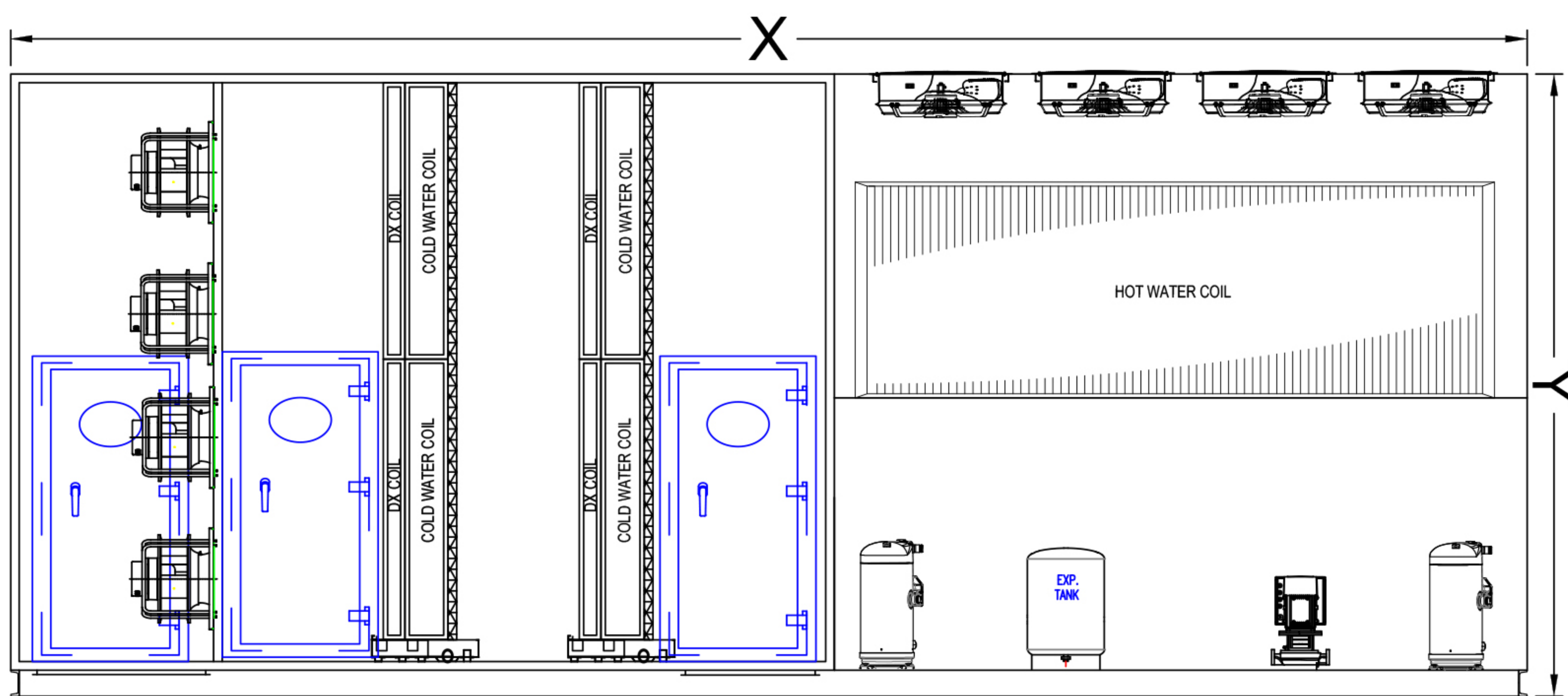
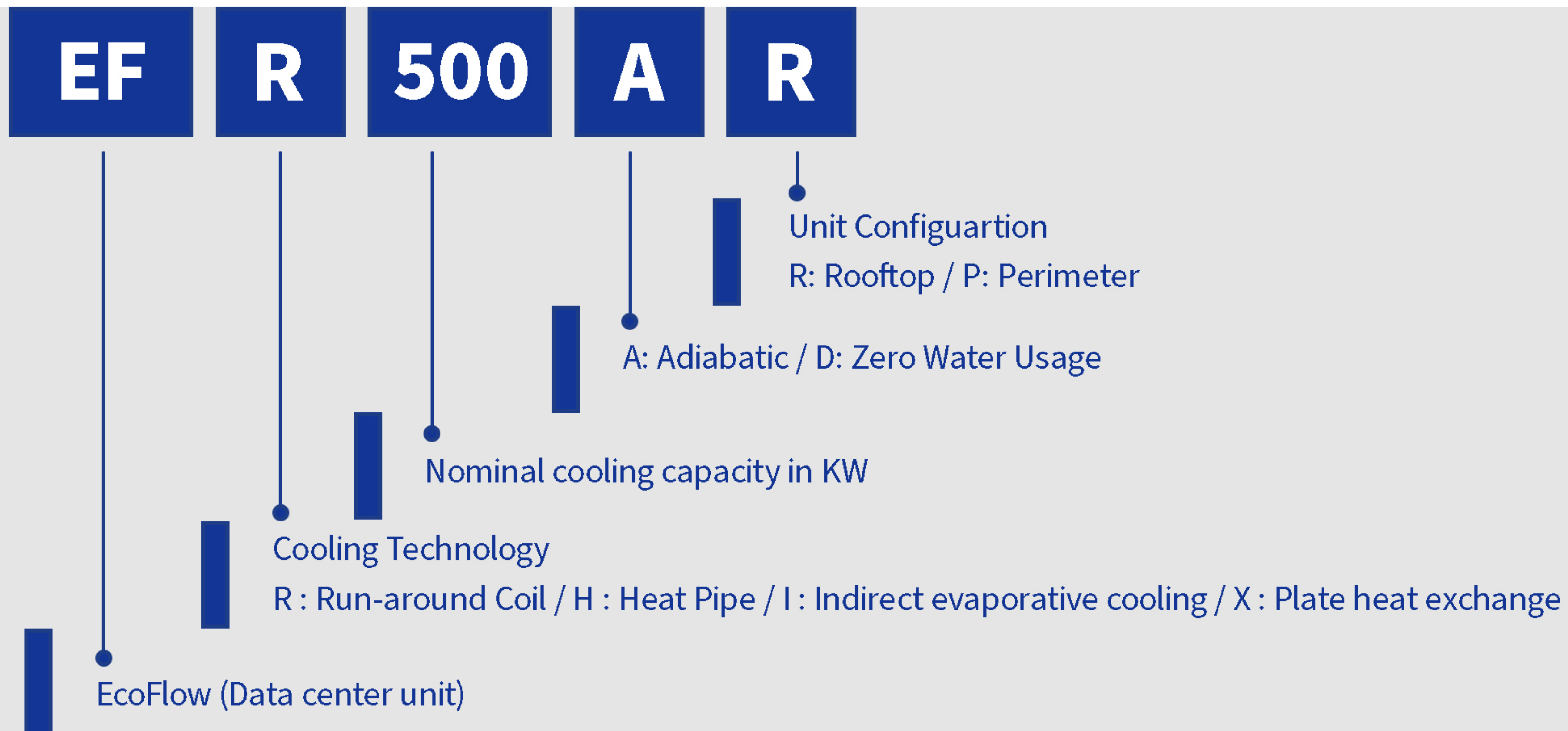
Optional Evaporative Cooling Assisted

Adiabatic assistance - either as power saving mode, (utilize as little power as possible) or in water saving mode, (utilizing evaporative system only when needed.)

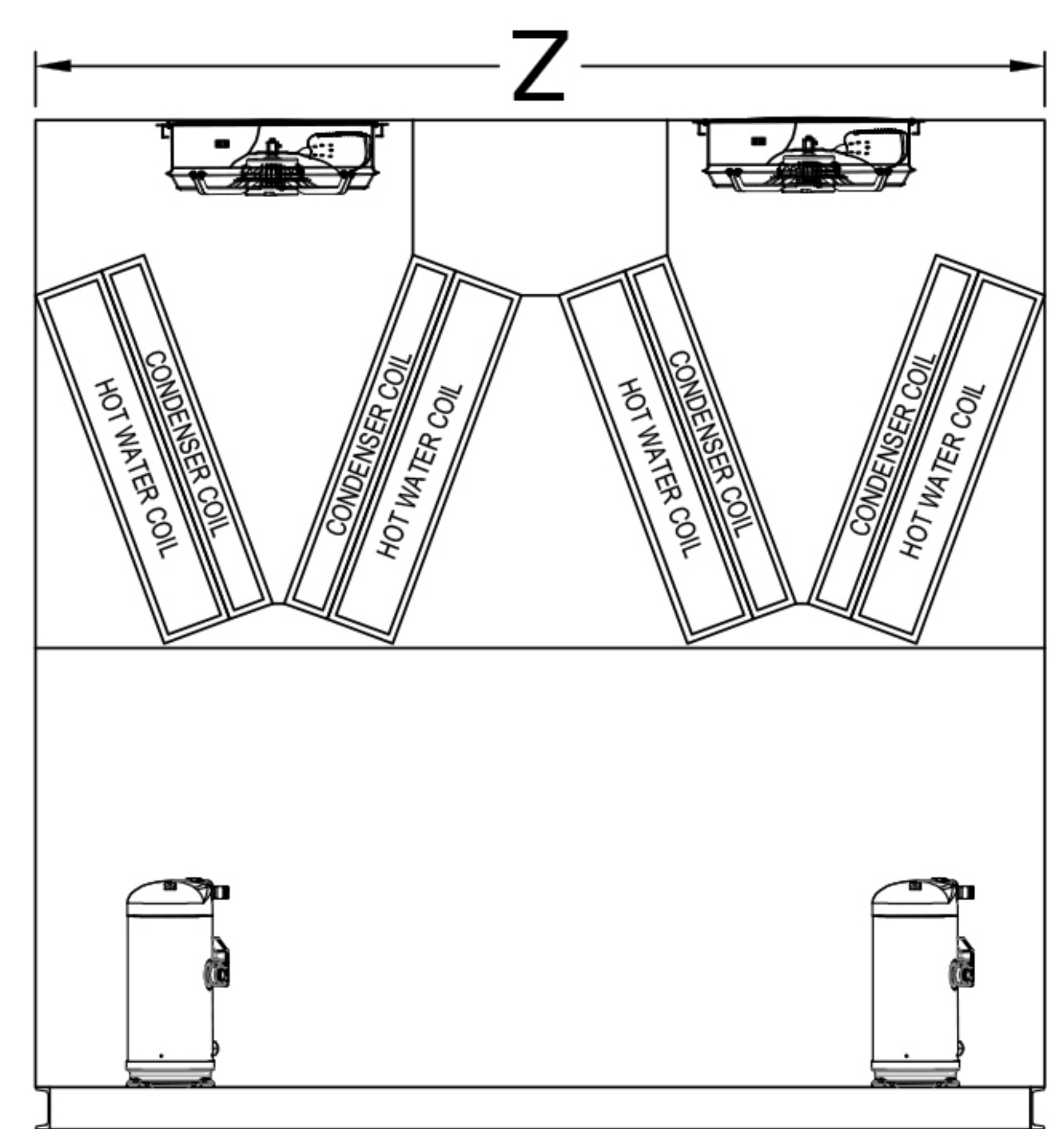


Water Nozzle

Product Model Name Convention



FRONT VIEW



SIDE VIEW

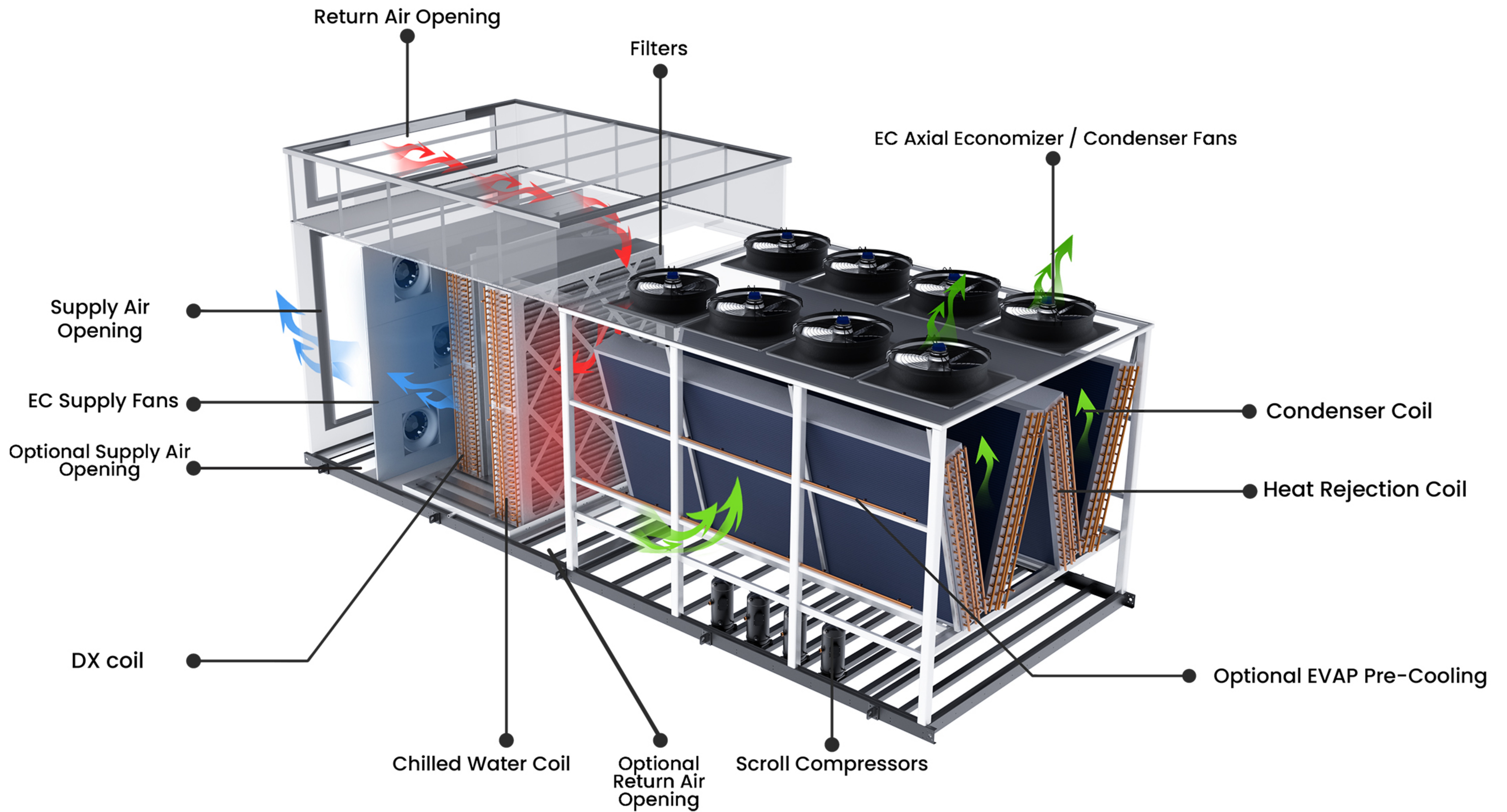
	X	Y	Z
500 kW	347 1/4	144	144
400 kW	347 1/4	144	144
300 kW	310	127	131
200 kW	307 1/4	121	121
100 kW	241 1/4	121	61

(in)

	X	Y	Z
500 kW	8820	3658	3658
400 kW	8820	3658	3658
300 kW	7874	3226	3327
200 kW	7804	3073	3073
100 kW	6128	3073	1549

(mm)

EcoFlow Outdoor Economized Packaged Unit



Rooftop



Perimeter

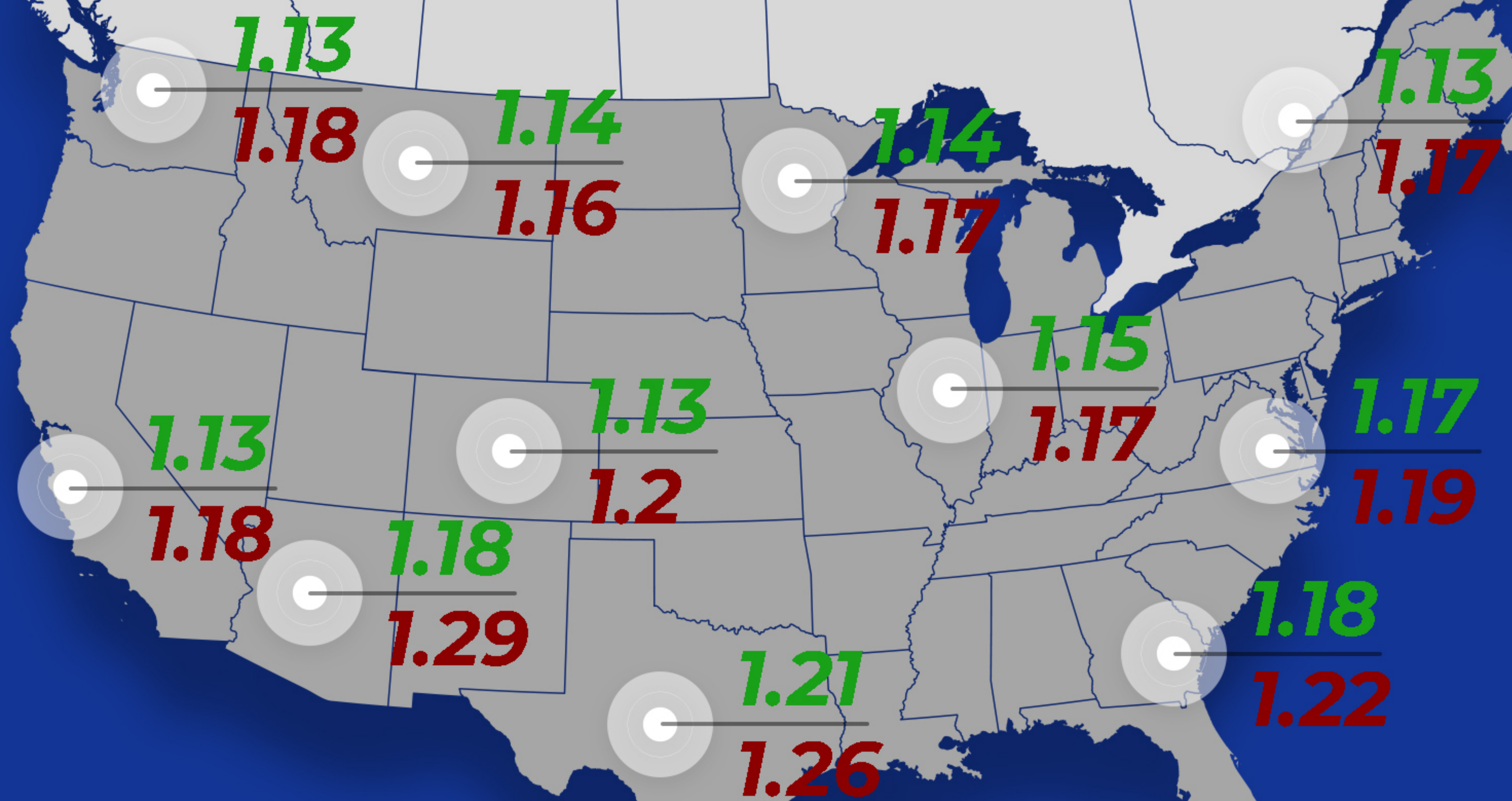


Sample efficiencies (Annualized PUE)

Adiabatic - Waterless



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* Annualized PUE calculation based on 95°F hot isle / 75°F cold isle



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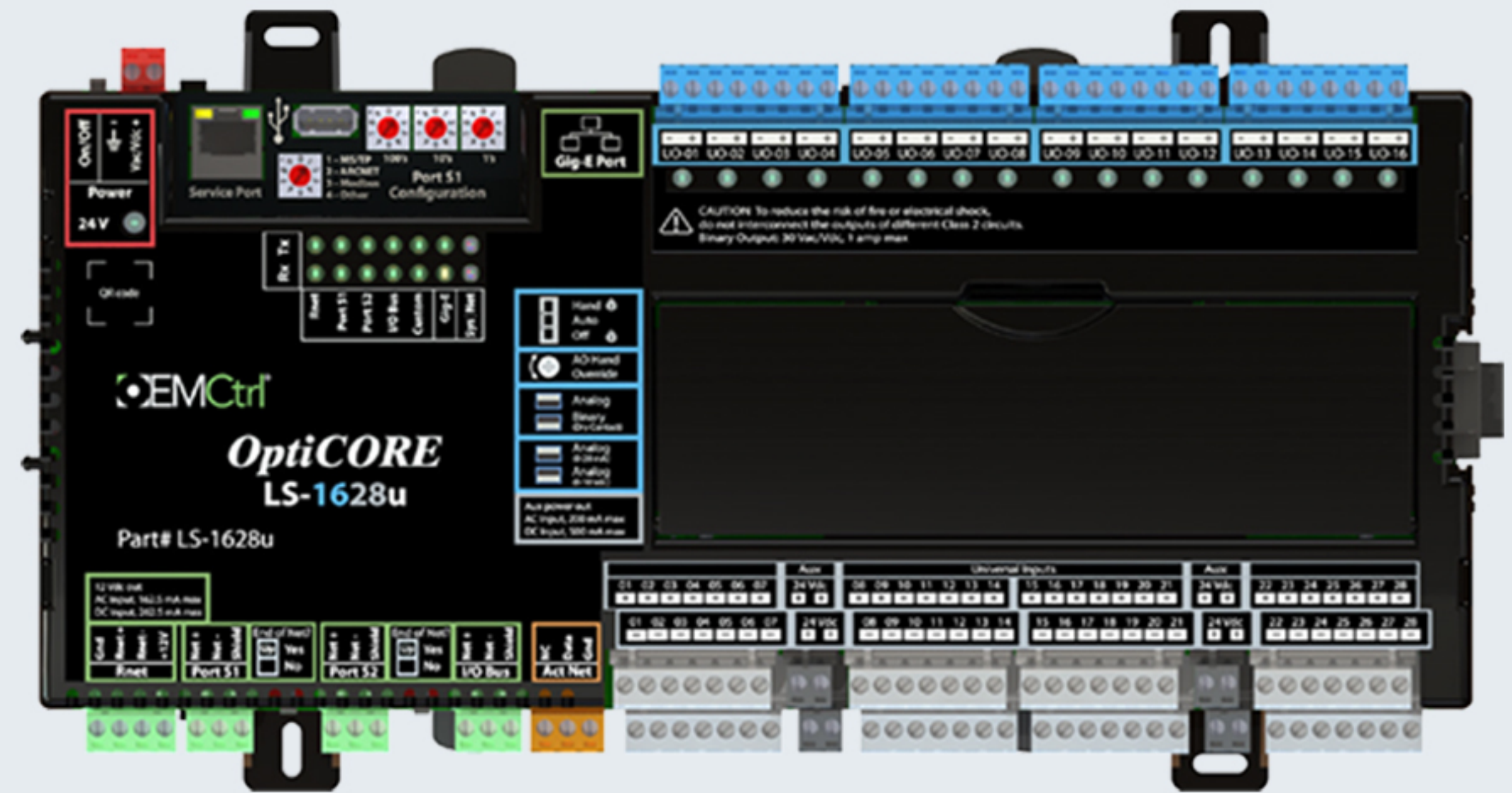
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EcoFlow

EcoFlow Controller OPTICORE LS-1628u

BACnet, Modbus serial
communications standard

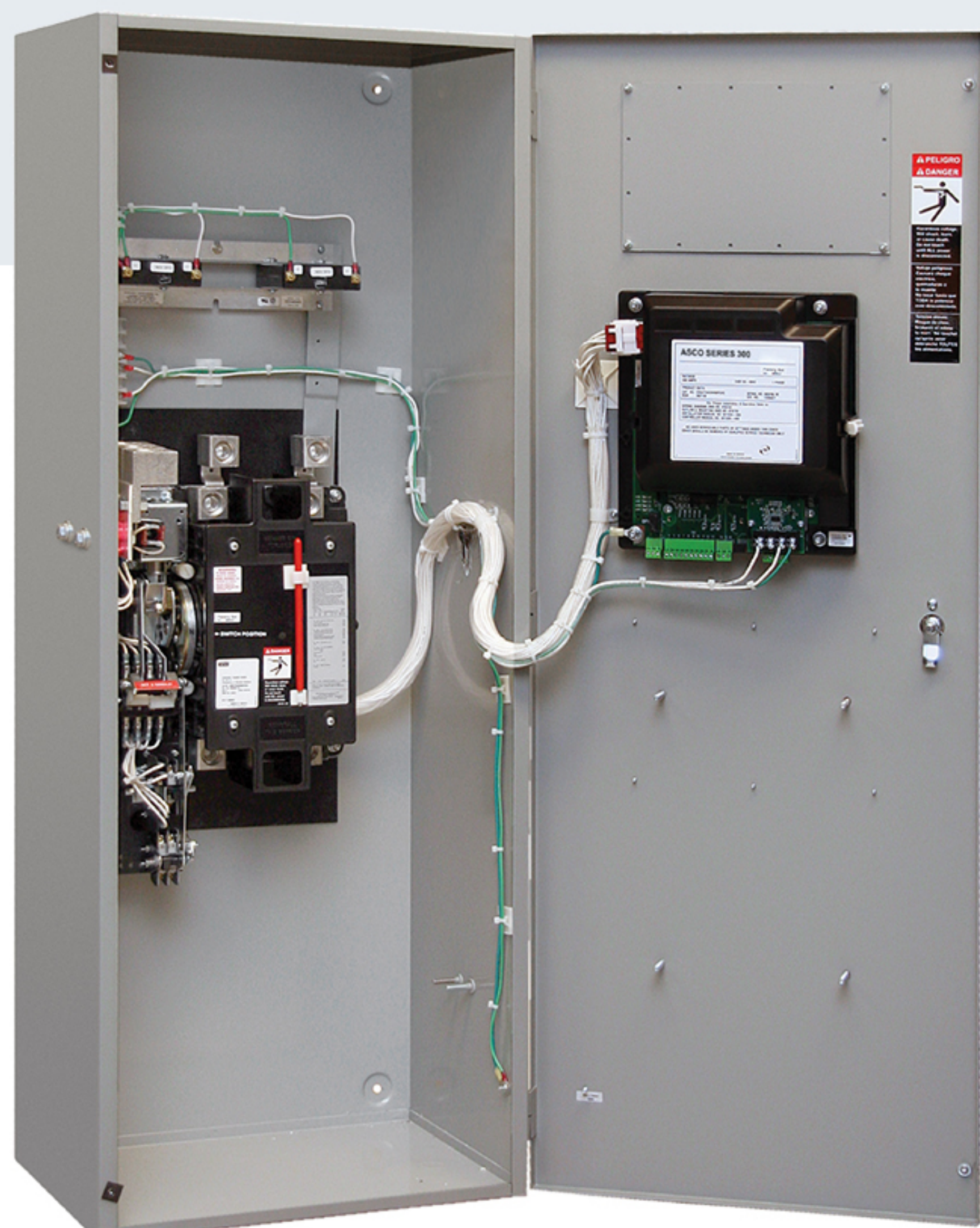
Redundancy
(Back up controller option)



10" Display

Optional Remote Access

Common control components



Linkage kits available
(supporting indirect mounting or
pneumatic retrofit projects)

Life cycle testing

Auxiliary switches



Modulating models available

Long service life

Standard ATS

Primary source Automatic
Transfer Switch (Standard).

Compliance/Listing





**Thermal Management
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