



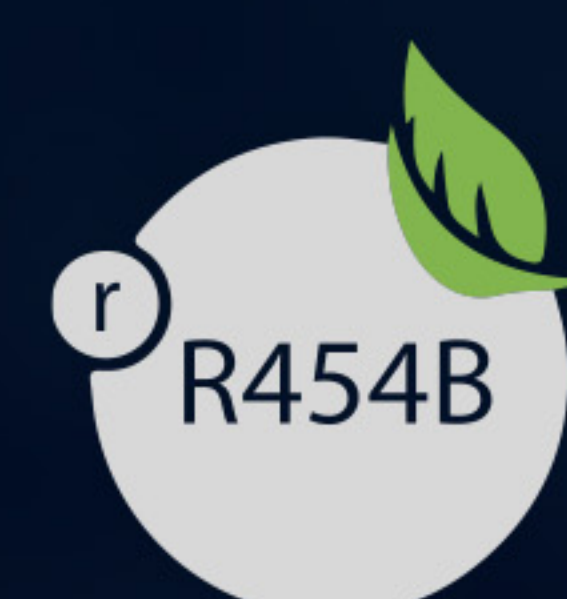
Intelligent cooling
an ICT Company

SMR

Air2o Packaged Closed Loop Economizer Solution



Custom Engineered
Thermal Management Solution for Data Centers





Product Description







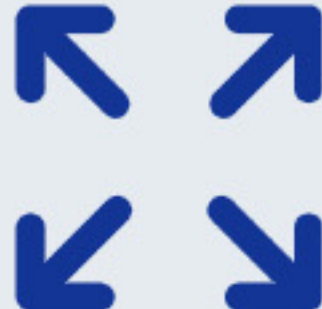
Packaged, 100% return, closed loop economized, mission critical system with DX trim. Available in either rooftop and slab mount, (perimeter), configuration. 3 modes of operation:

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

Optional adiabatic assist in all 3 modes

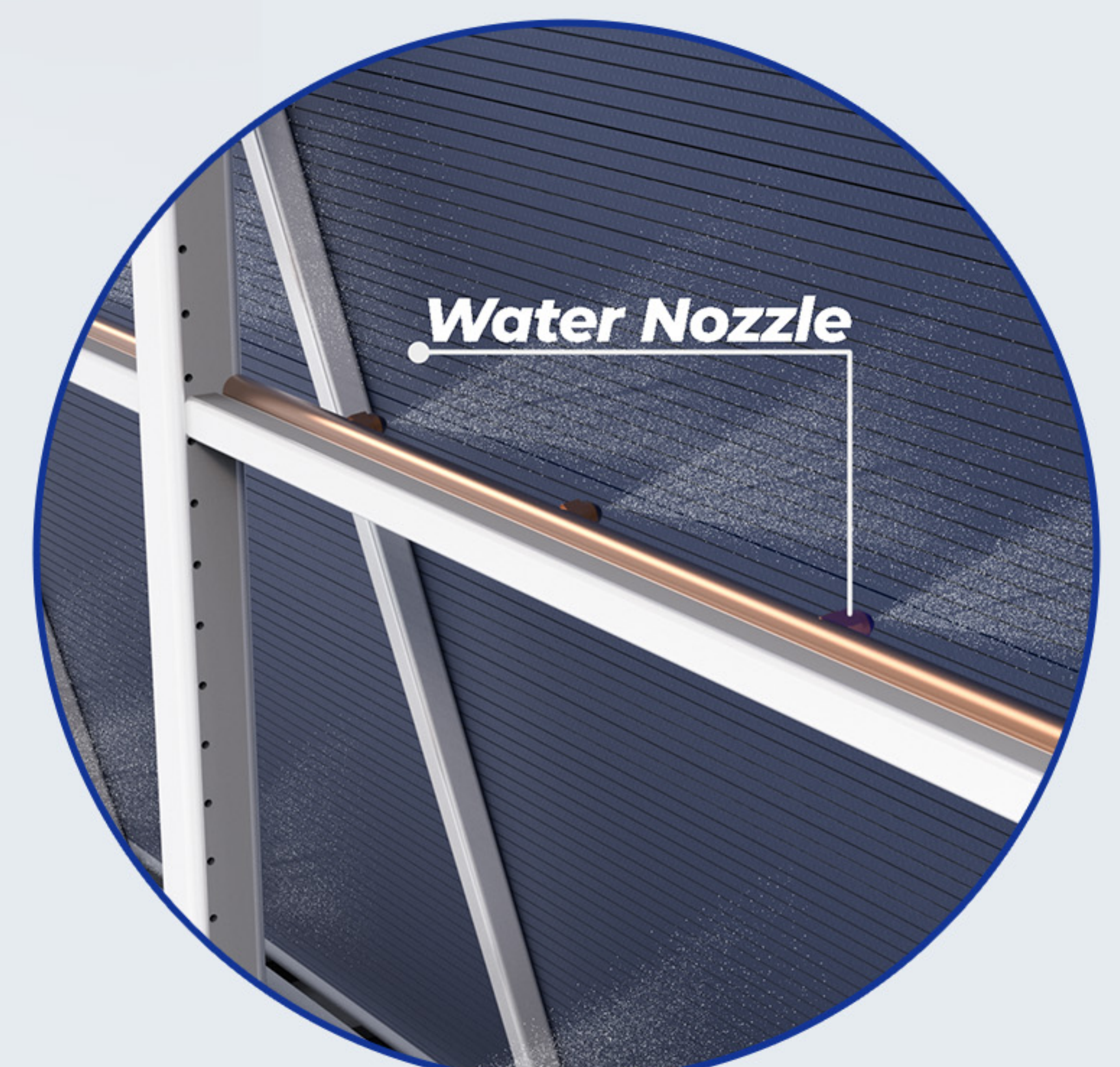


Features and Benefits

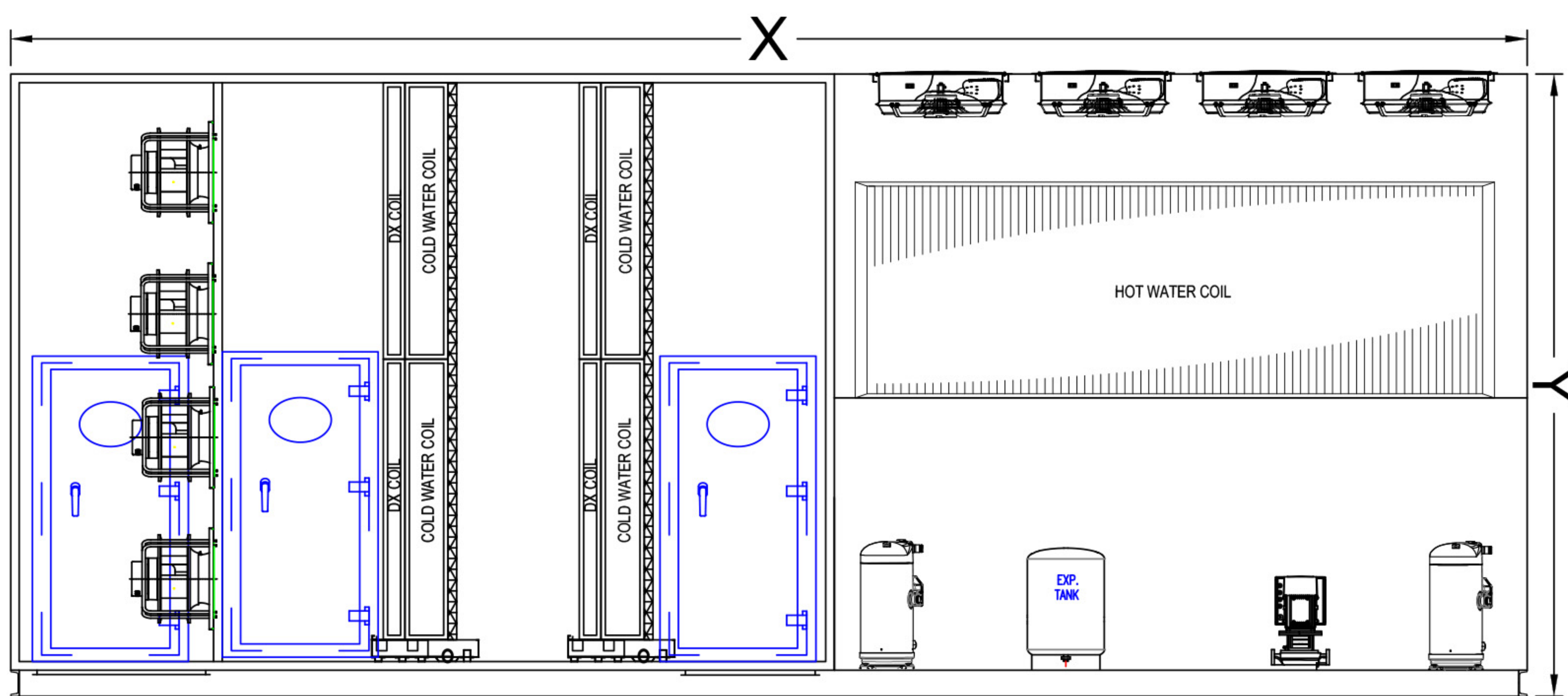
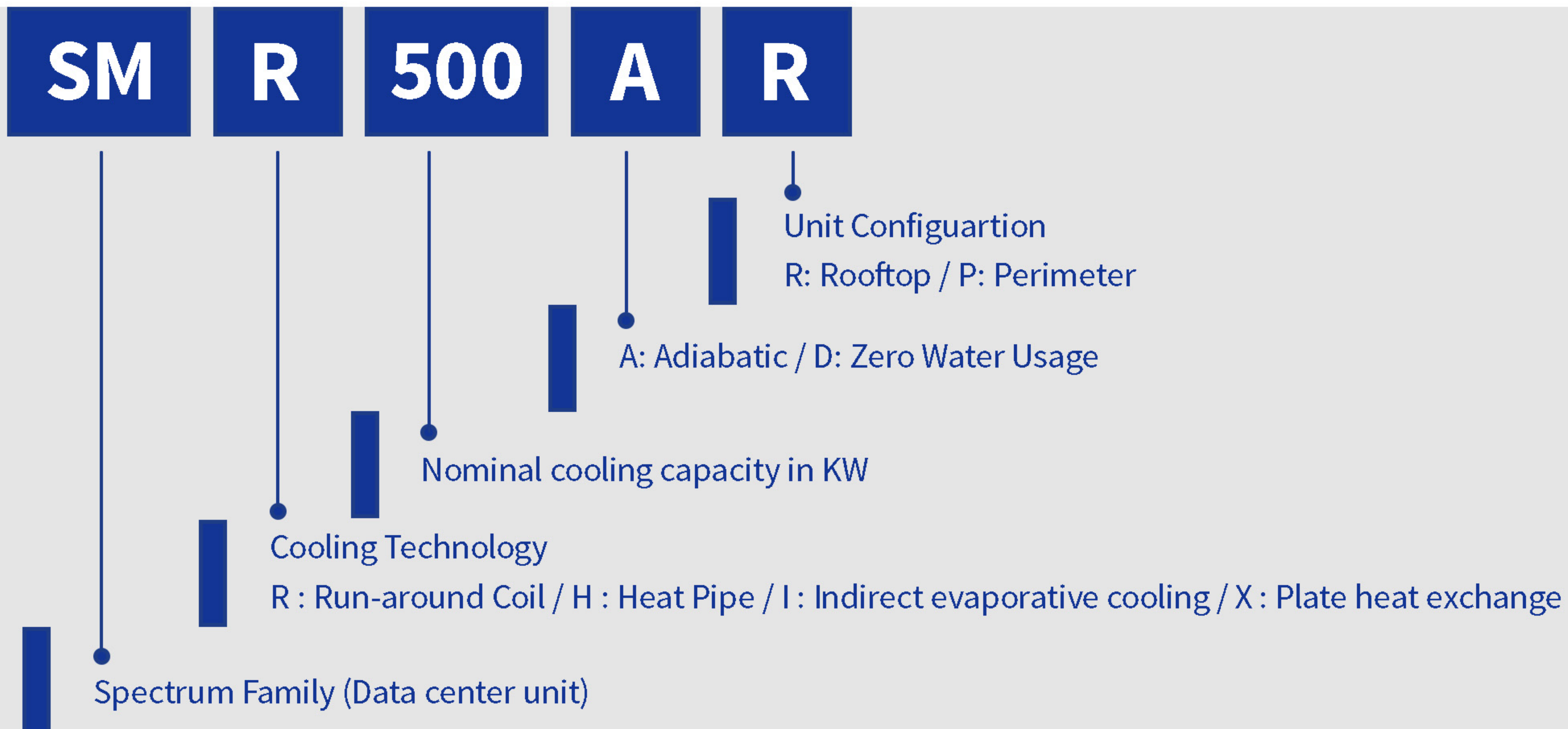
-  R454b
-  PUE as low as 1.1
-  100% Return Air
-  Waterless - Zero WUE
-  Easily Maintained & Serviced
-  Commonly Available Components
-  Scalable

Optional Evaporative Cooling Assisted

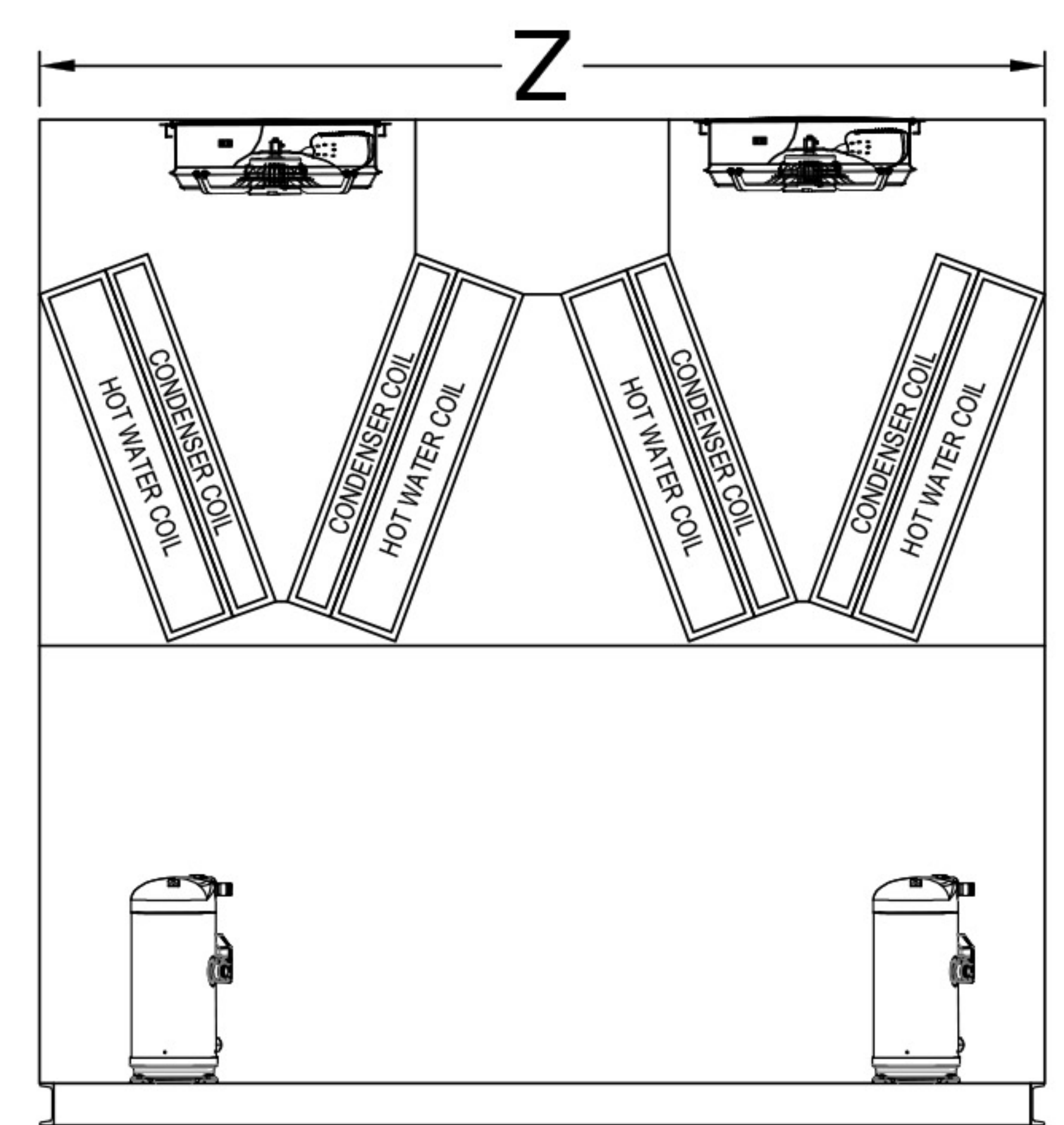
Adiabatic assistance - either as power saving mode, (utilize as little power as possible) or in water saving mode, (utilizing evaporative system only when needed.)



Product Model Name Convention



FRONT VIEW



SIDE VIEW

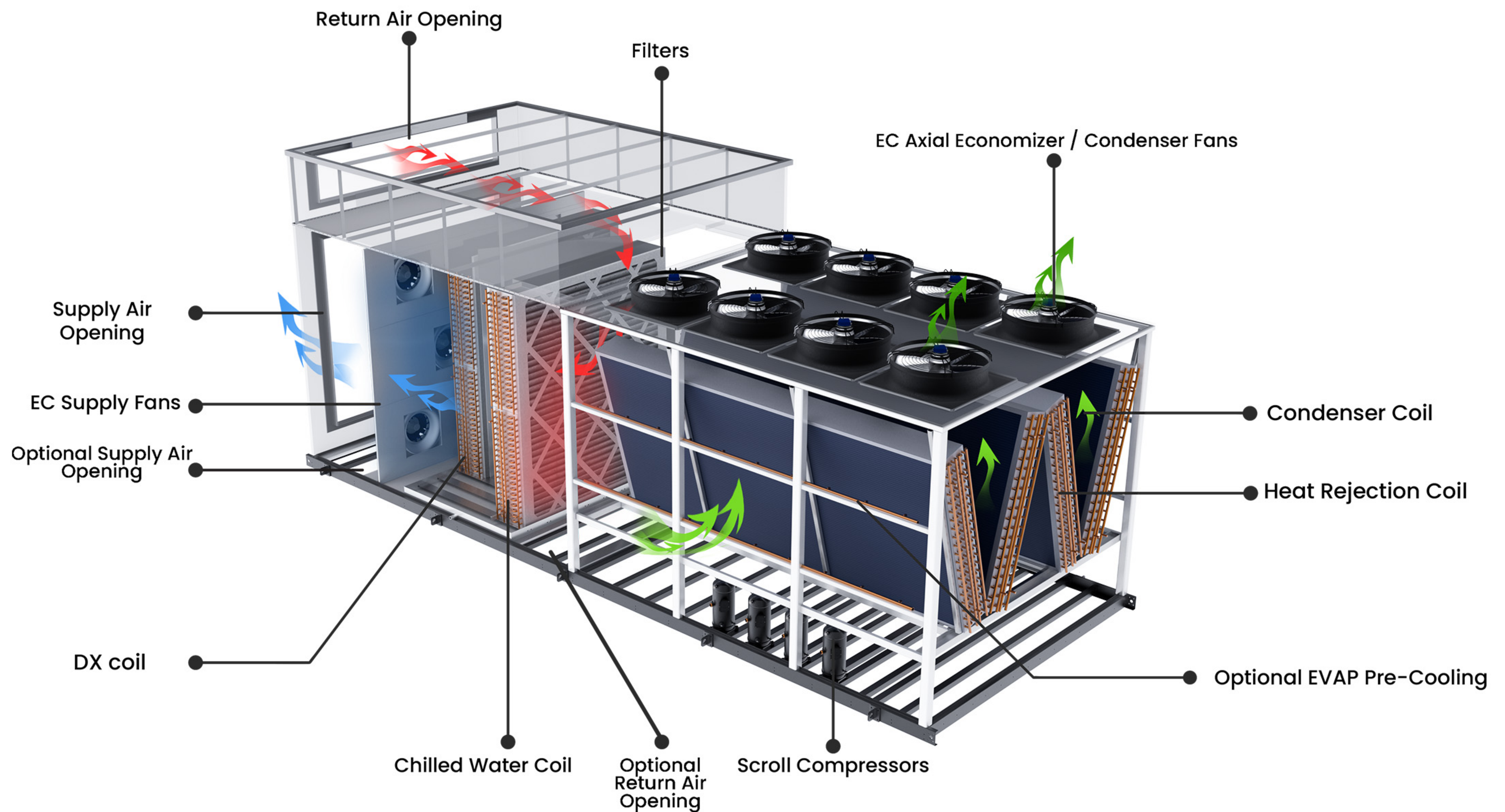
	X	Y	Z
500 kW	347 1/4	144	144
400 kW	347 1/4	144	144
300 kW	310	127	131
200 kW	307 1/4	121	121
100 kW	241 1/4	121	61

(in)

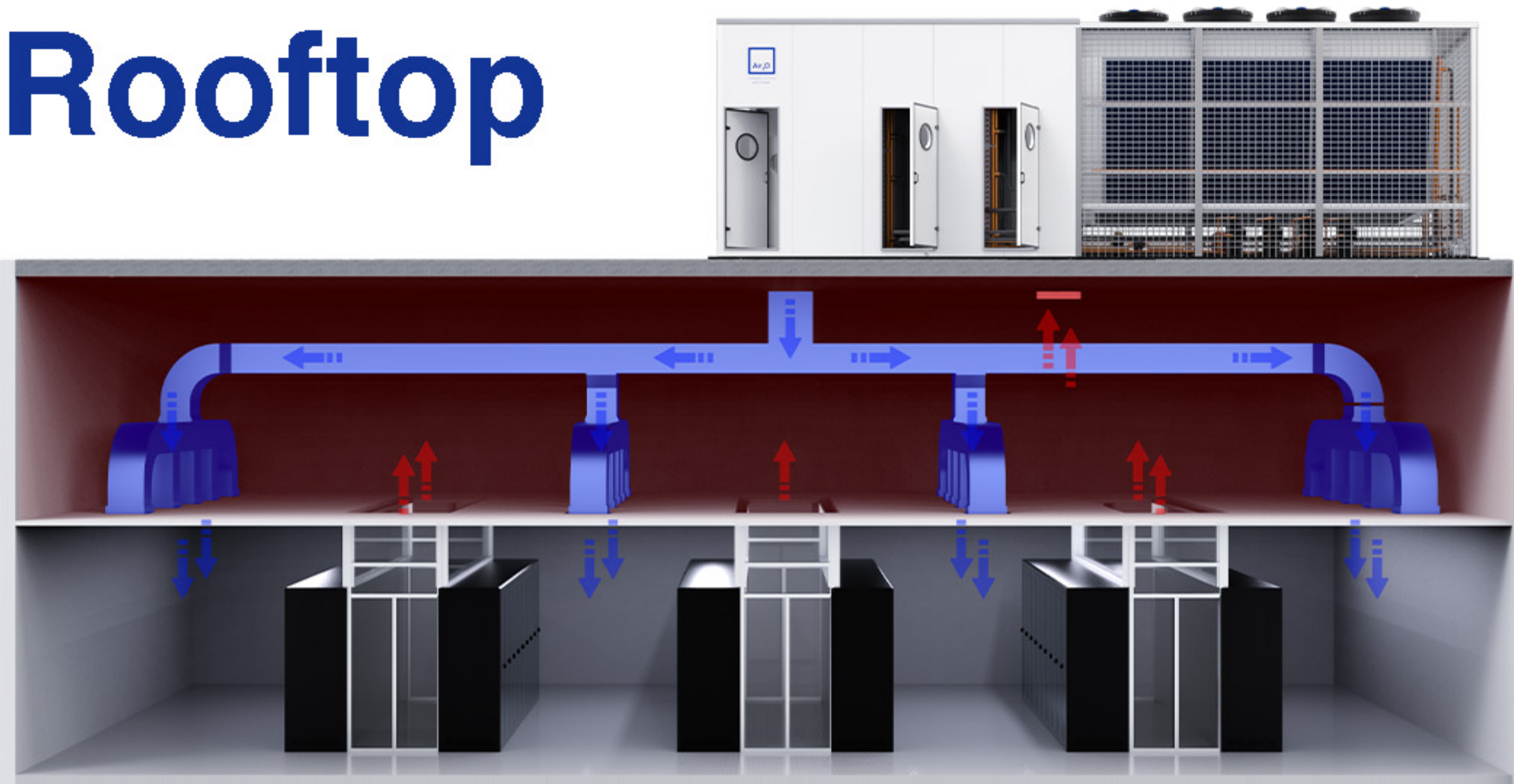
	X	Y	Z
500 kW	8820	3658	3658
400 kW	8820	3658	3658
300 kW	7874	3226	3327
200 kW	7804	3073	3073
100 kW	6128	3073	1549

(mm)

SMR Outdoor Economized Packaged Unit



Rooftop



Perimeter

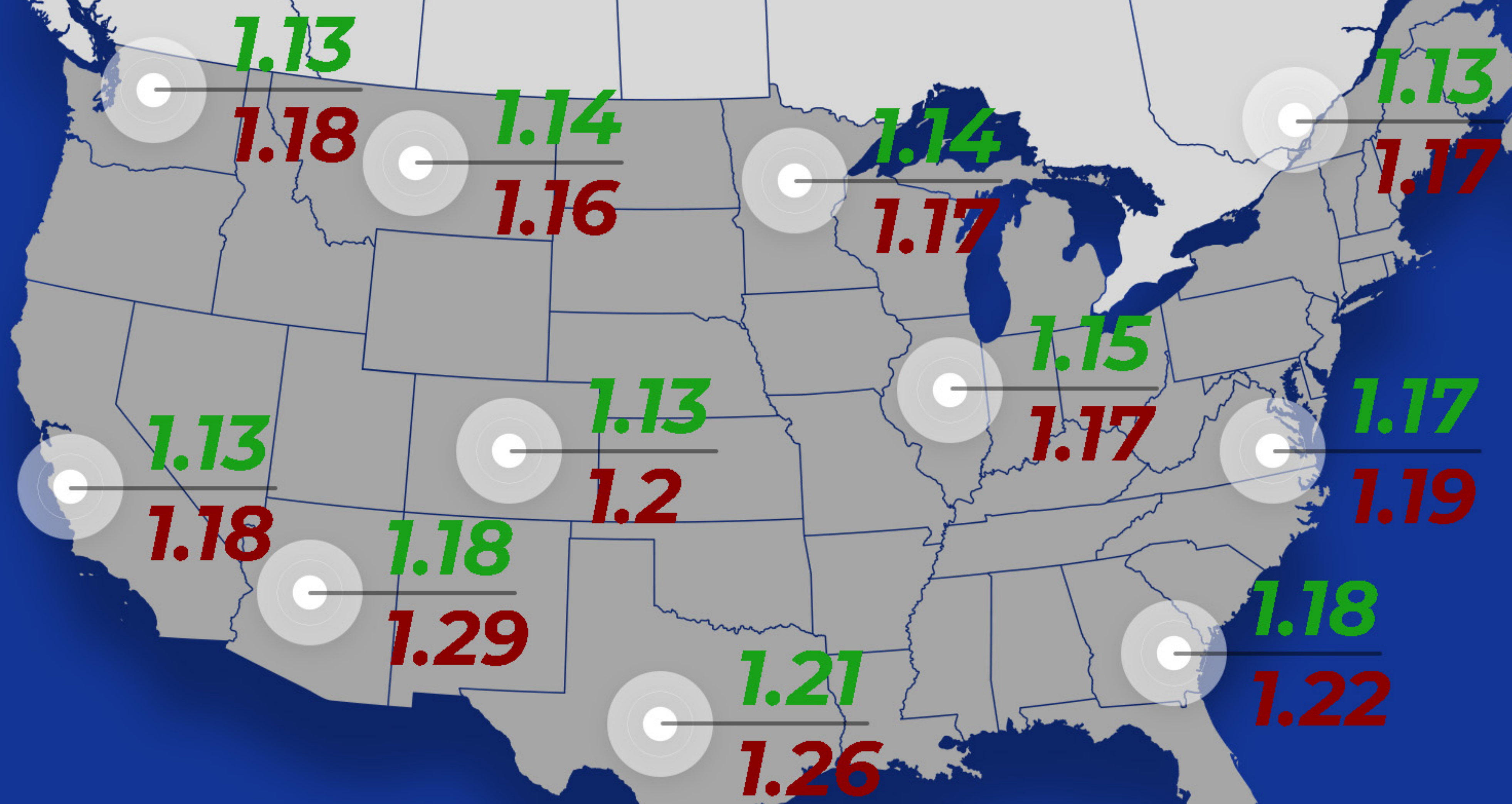


Sample efficiencies (Annualized PUE)

Adiabatic - Waterless



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



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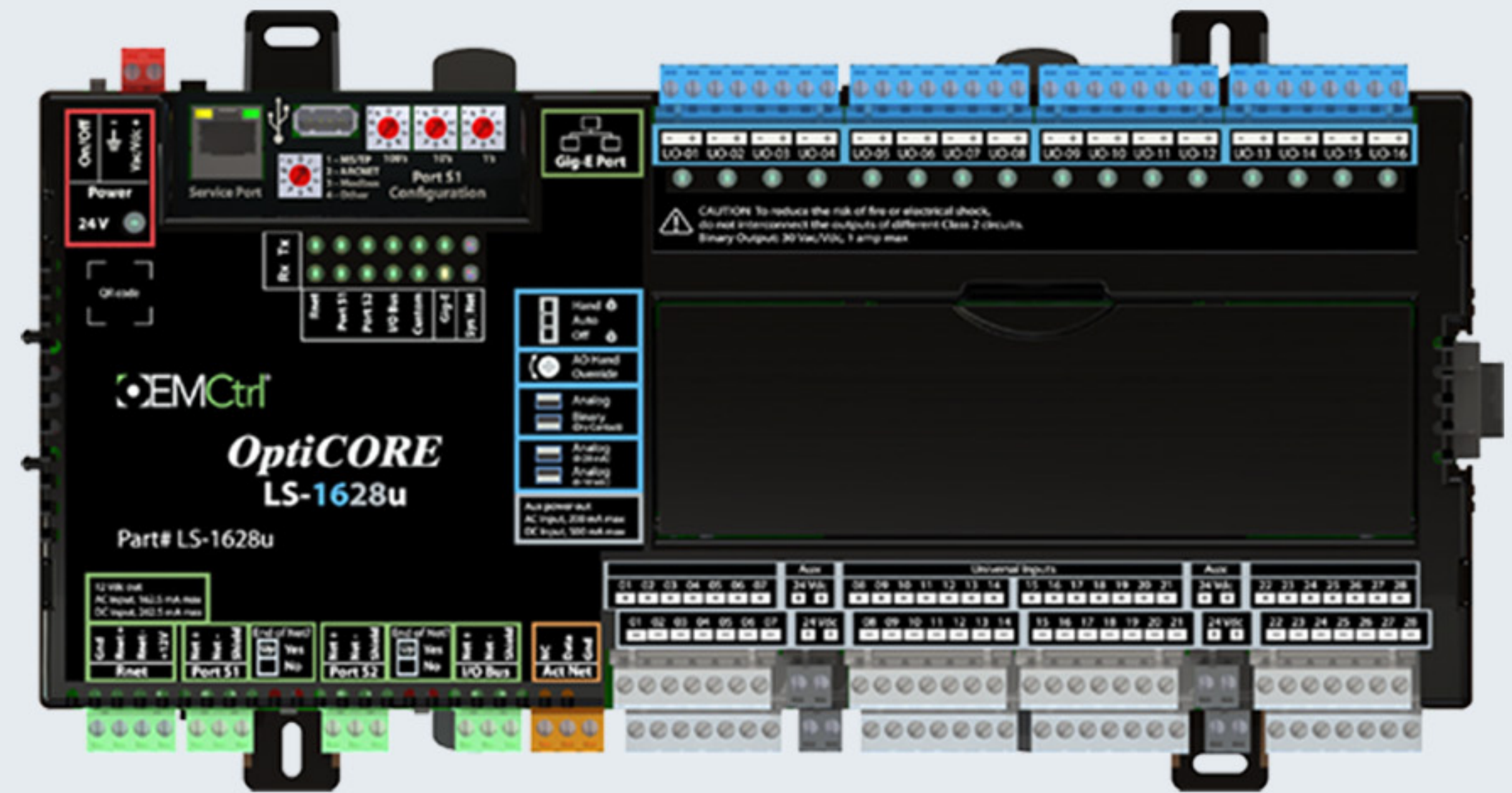
SMR

SMR Controller

OPTICORE LS-1628u

BACnet, Modbus serial
communications standard

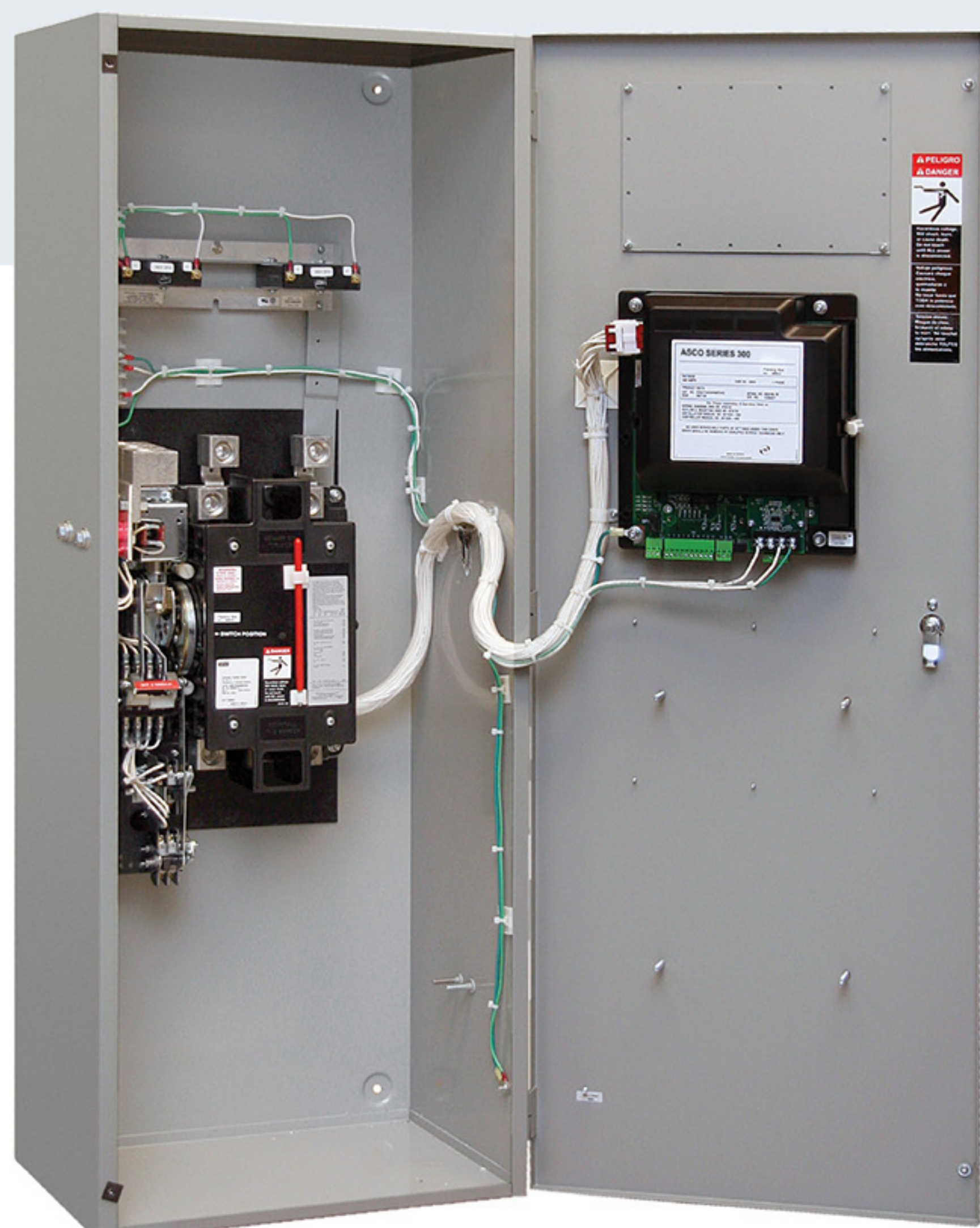
Redundancy
(Back up controller option)



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





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Our Offices

North America

425 E Pinnacle Peak, Suite 100
Scottsdale, Arizona 85027
1-(602)-699-3766

Europe

Unit 9 Top Deck Industrial Estate
Smethurst Lane, Bolton
BL4 0AN
+44 (0)845 873 0660

Middle East

Kingdom of Saudi Arabia, Riyadh,
Al-Wrood District ,7155 Al-Olaya,
Tashkeel Tower, P.O. Box: 2323,
Riyadh 12253

South East Asia

La Fuerza Compound, 2241
Chino Roces Ave, Makati,
2241 Metro Manila, Philippines