

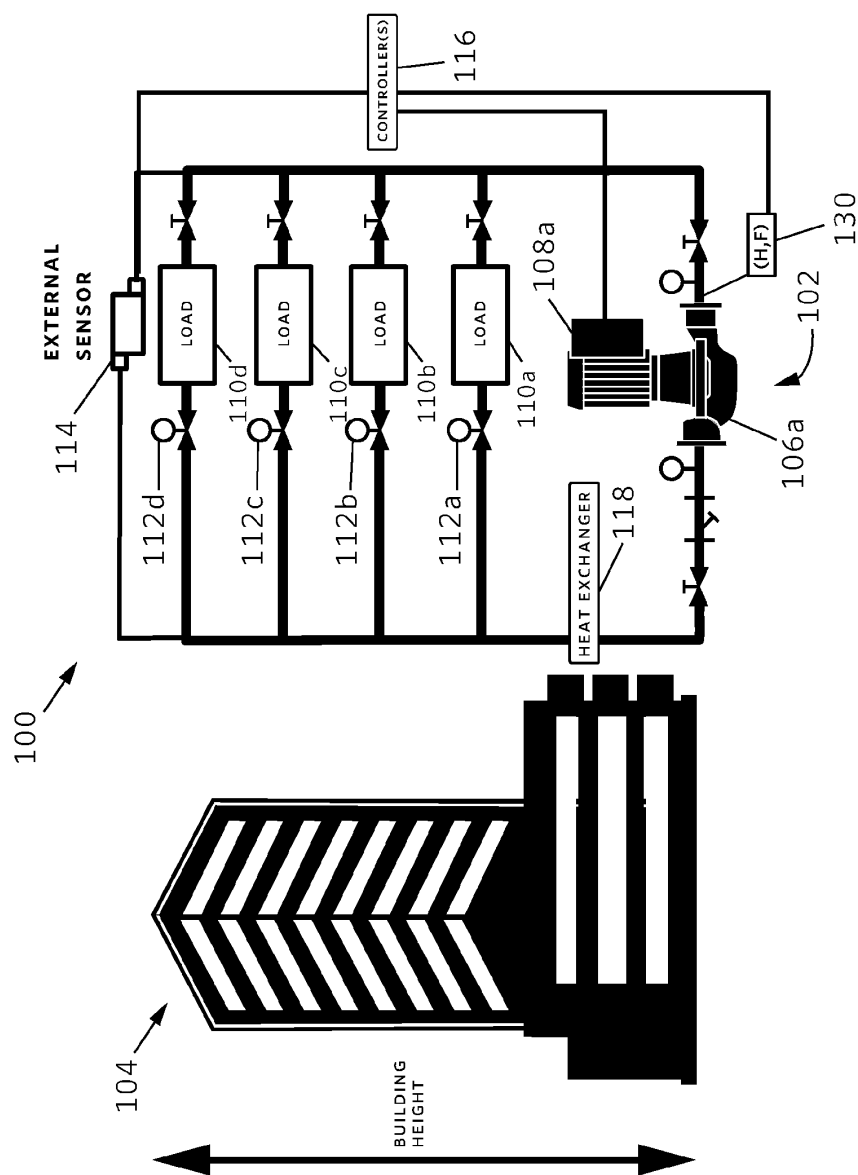


FIGURE 1B

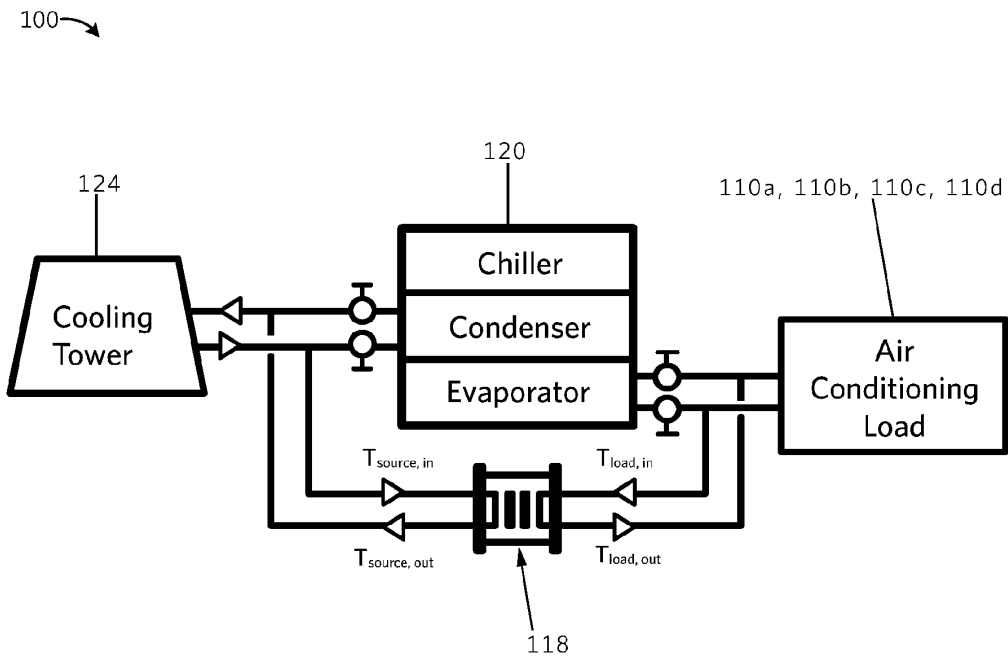


FIGURE 1C

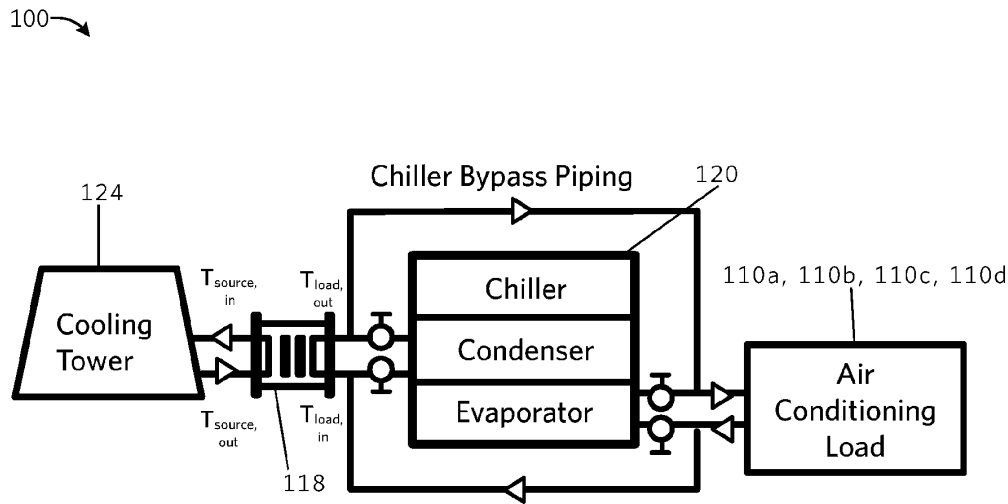


FIGURE 1D

100

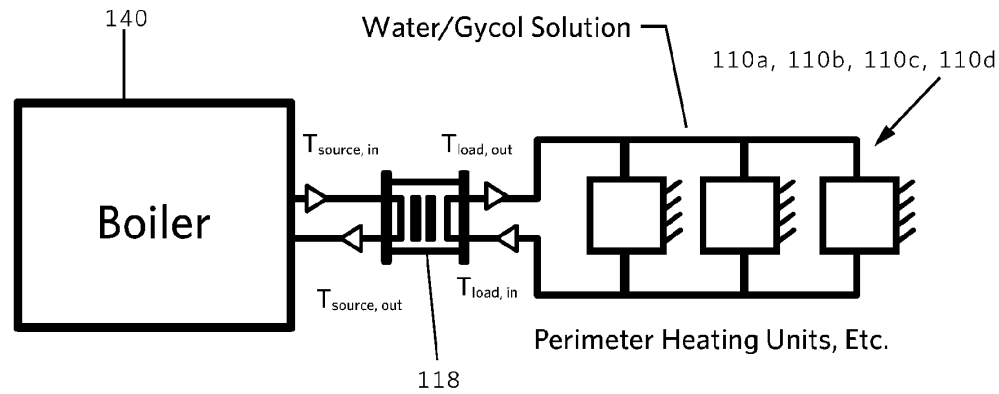


FIGURE 1E

100

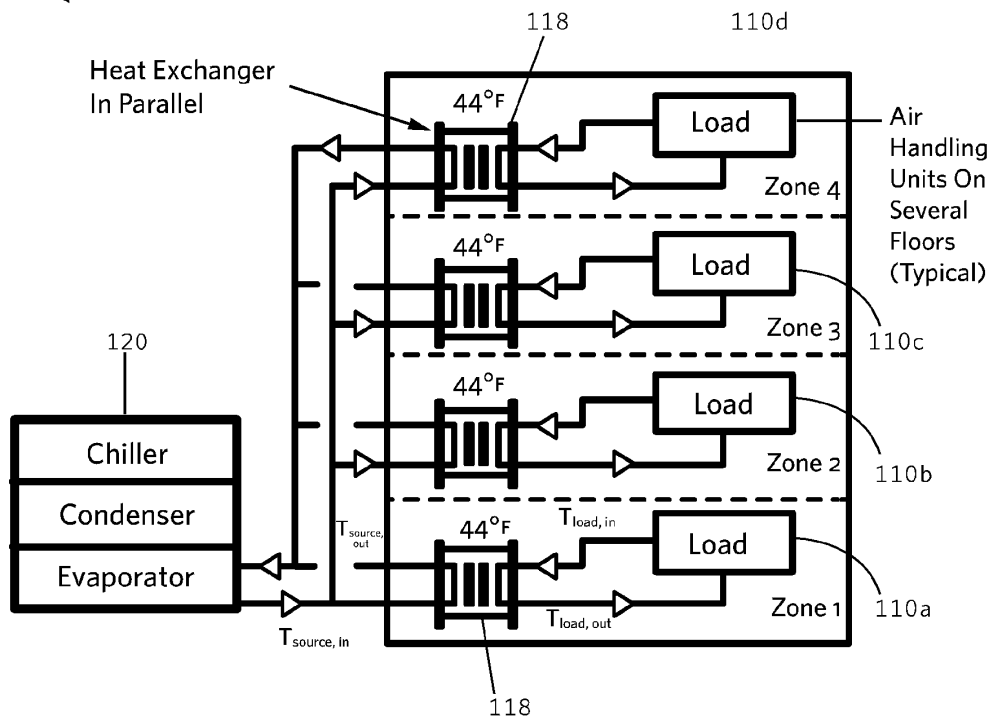


FIGURE 1F

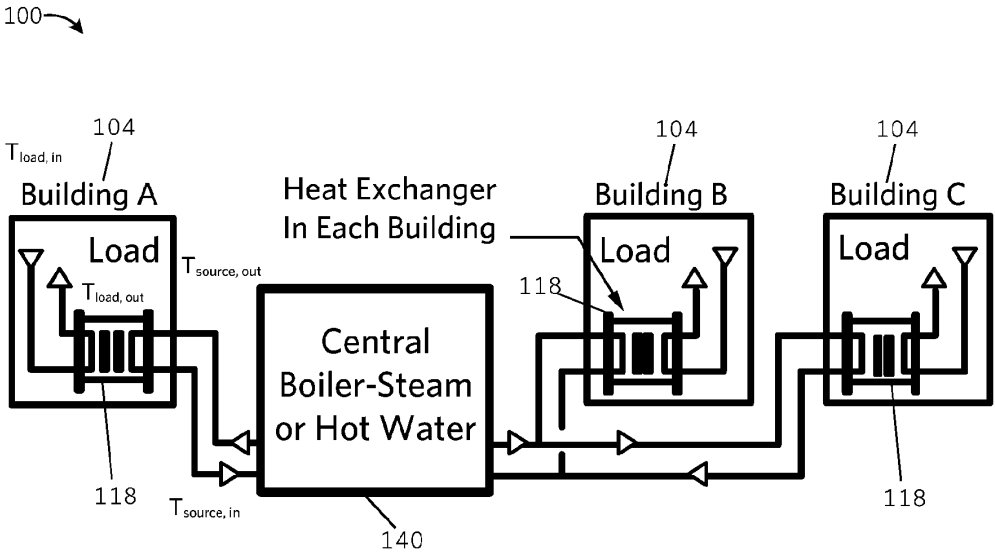


FIGURE 1G

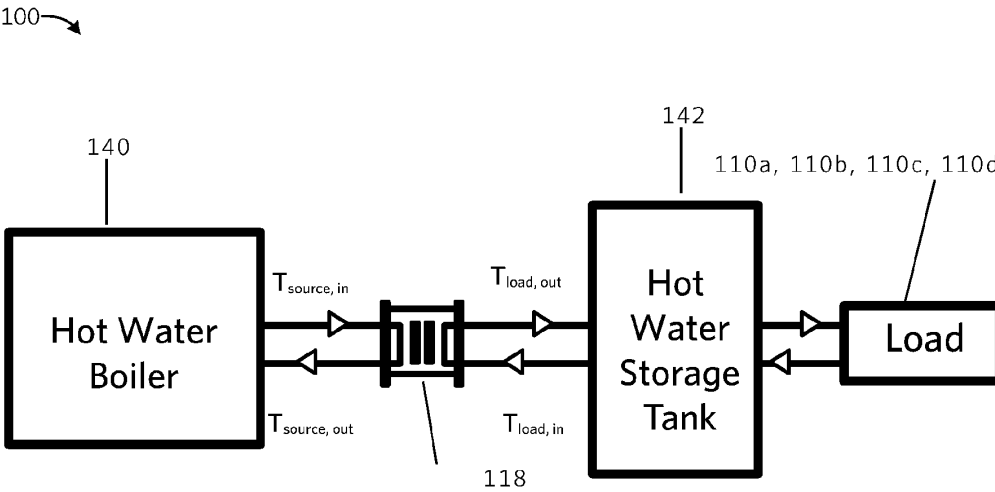


FIGURE 1H

100

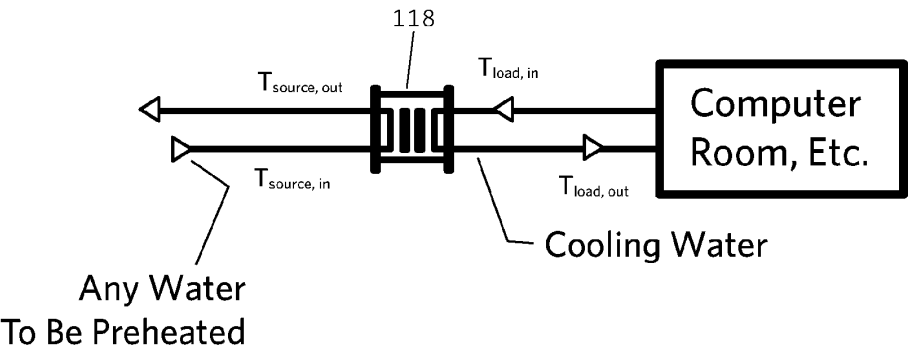


FIGURE 1I

100

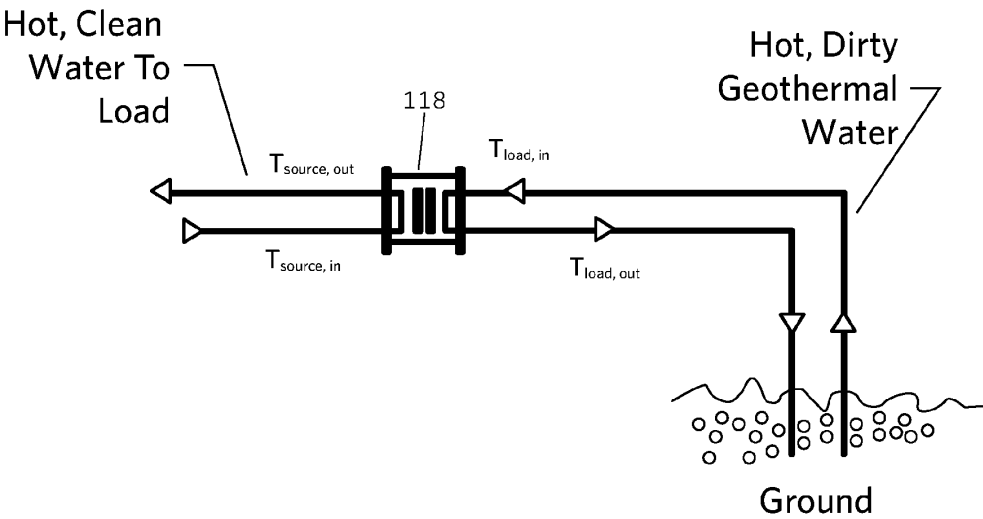


FIGURE 1J

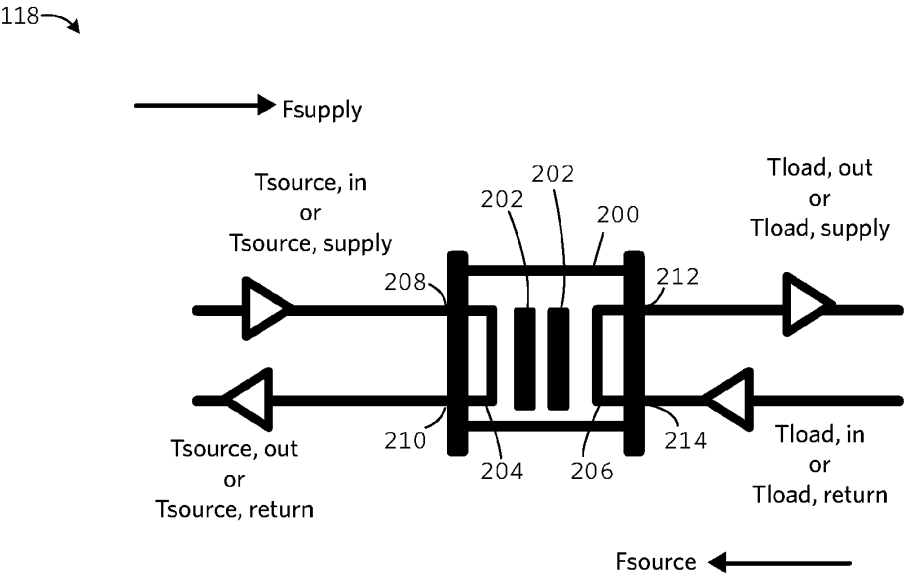


FIGURE 2A

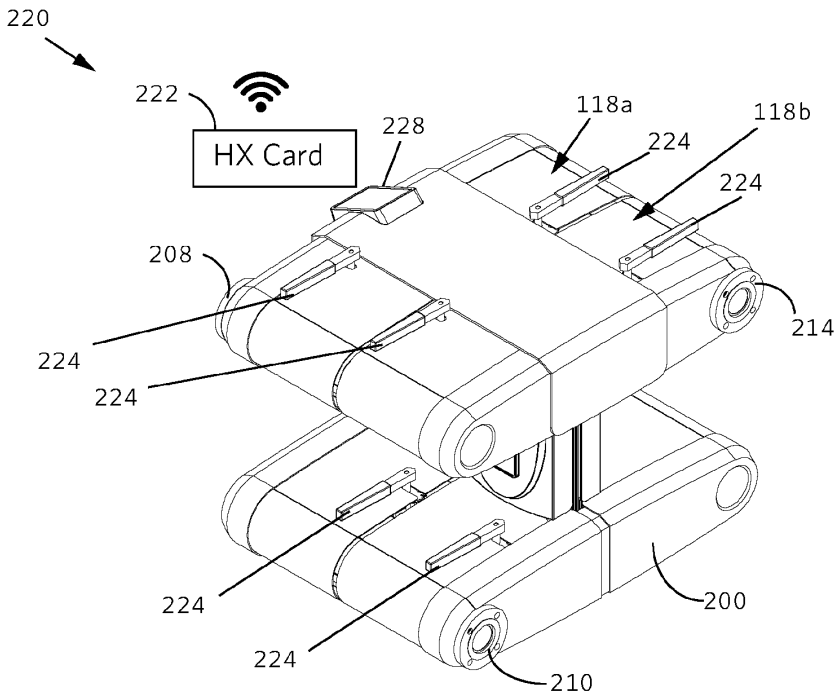


FIGURE 2B

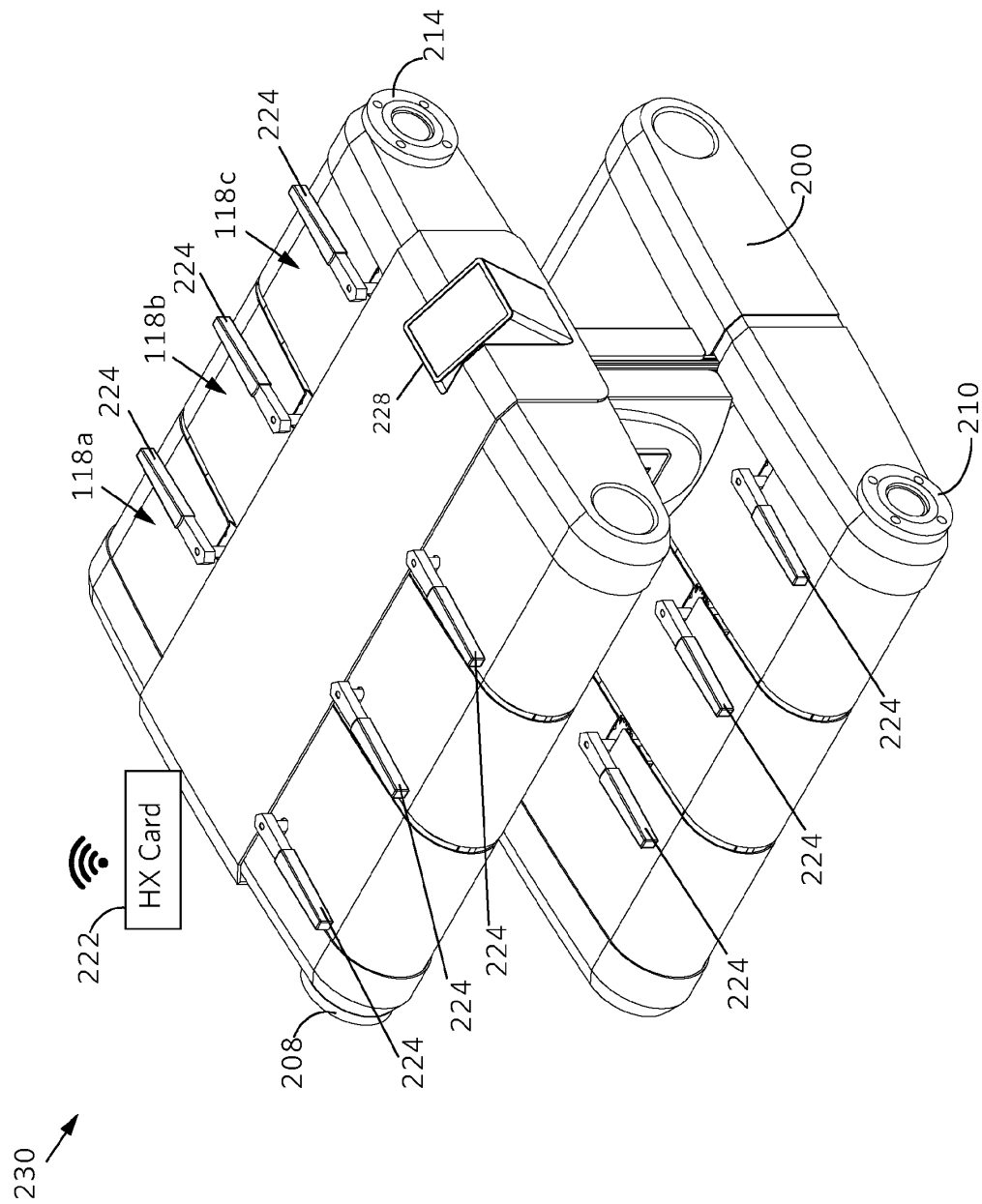


FIGURE 2C

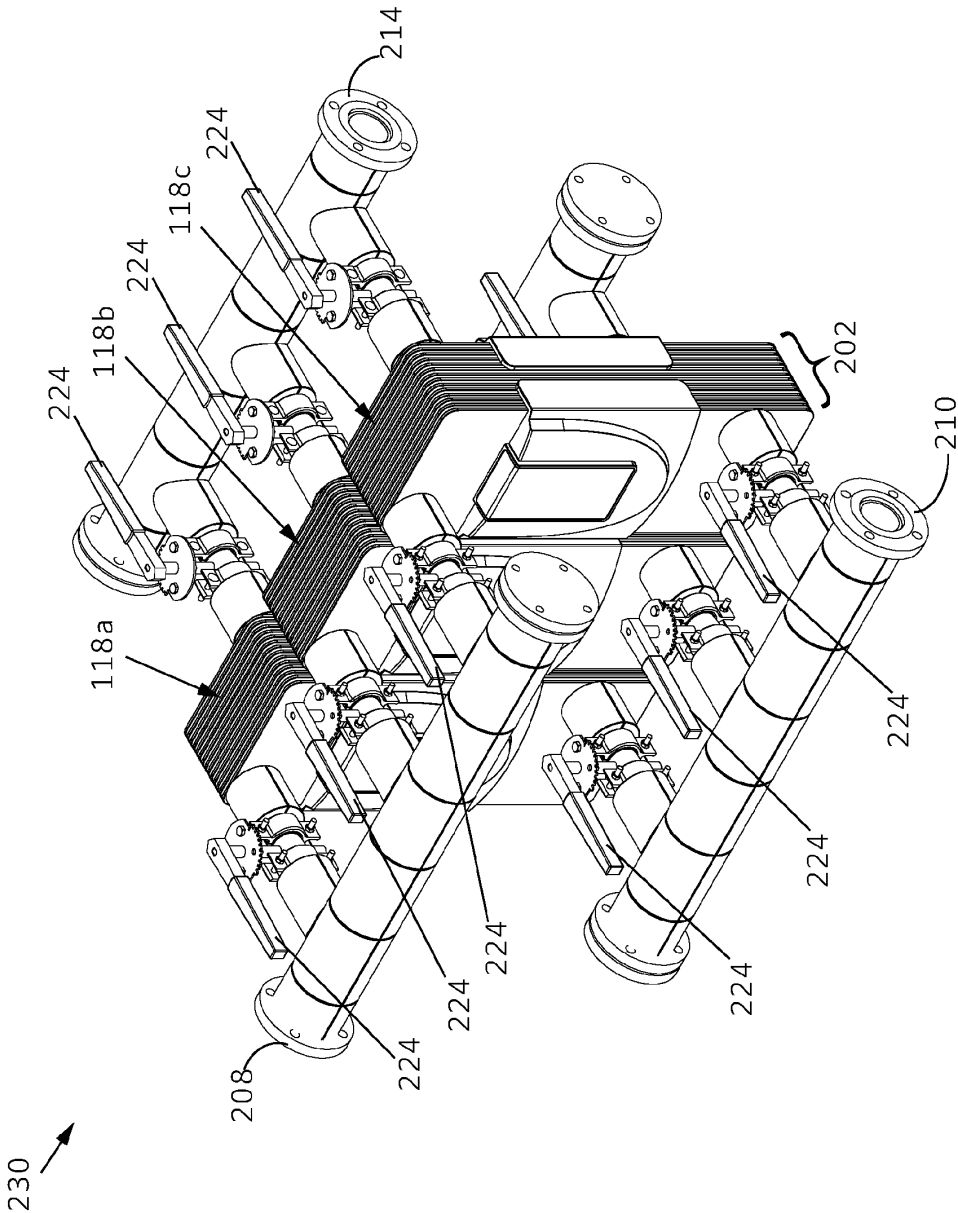


FIGURE 2D

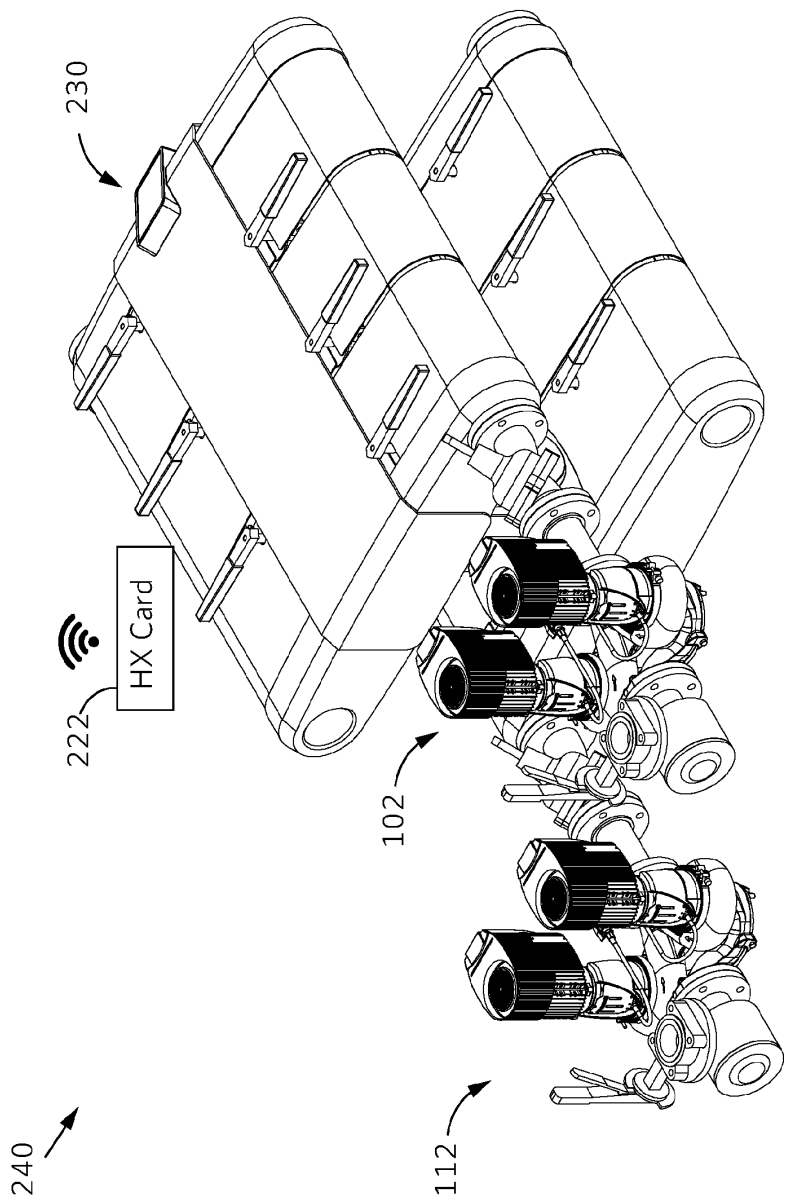


FIGURE 2E

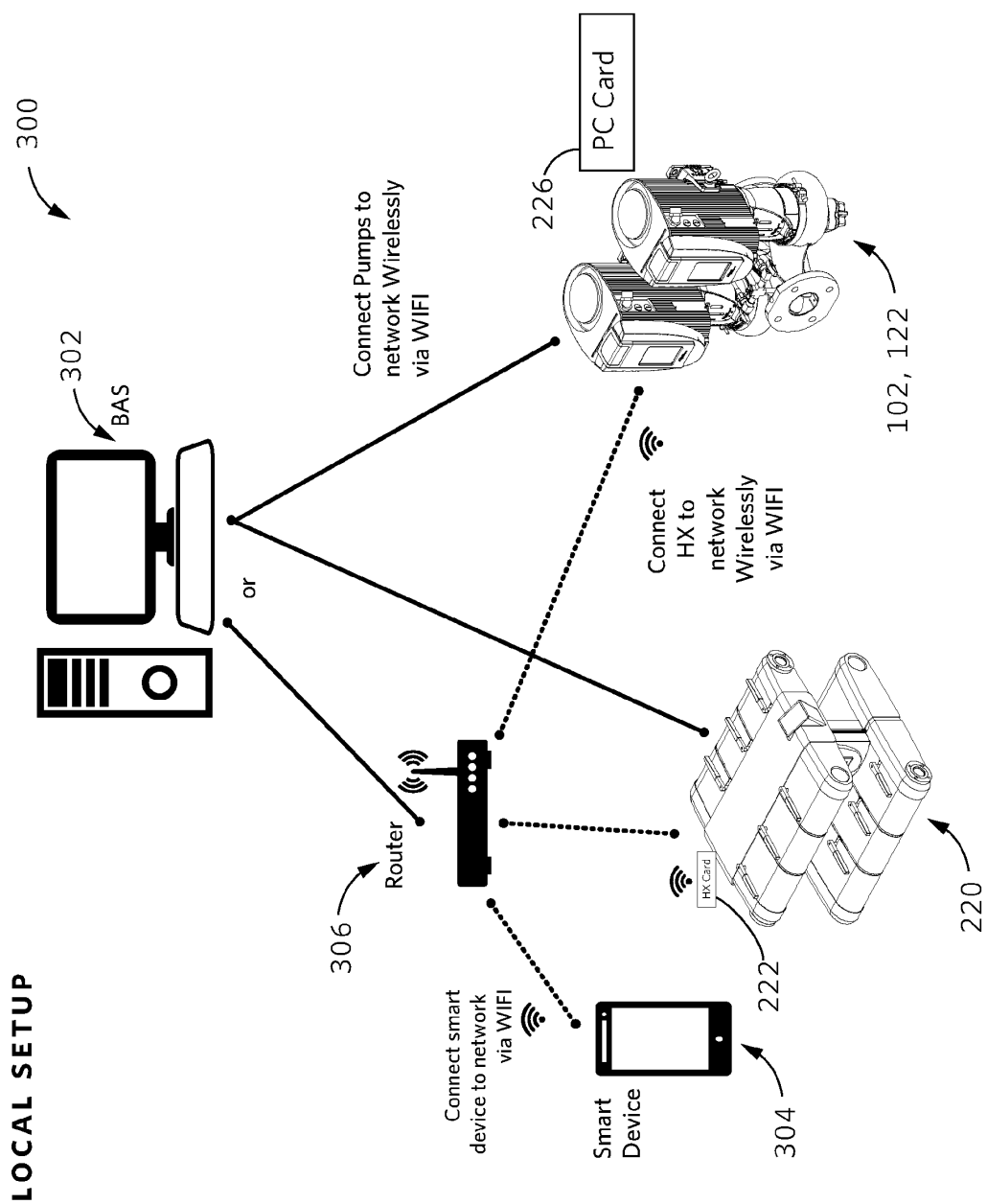


FIGURE 3A

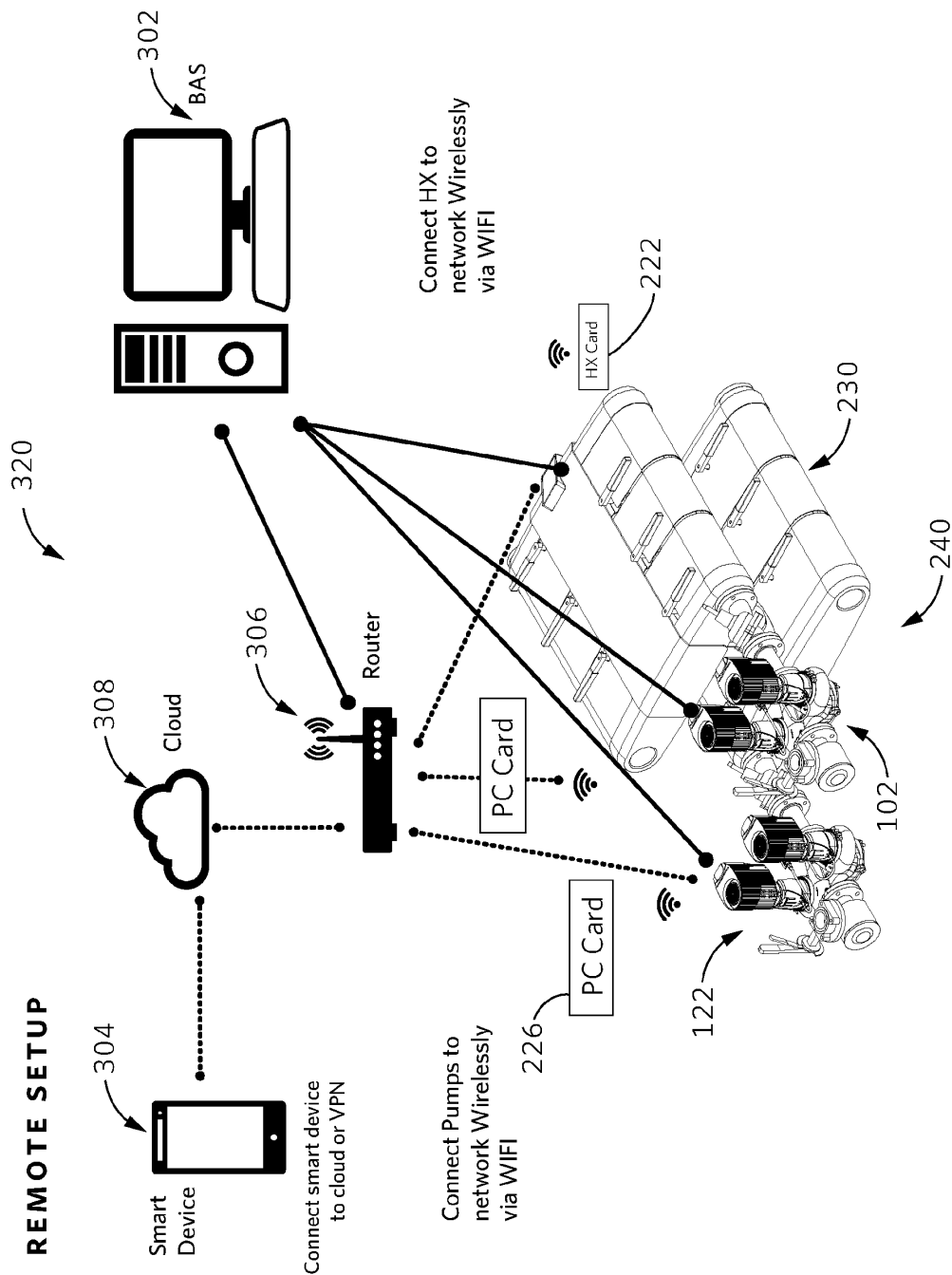


FIGURE 3B

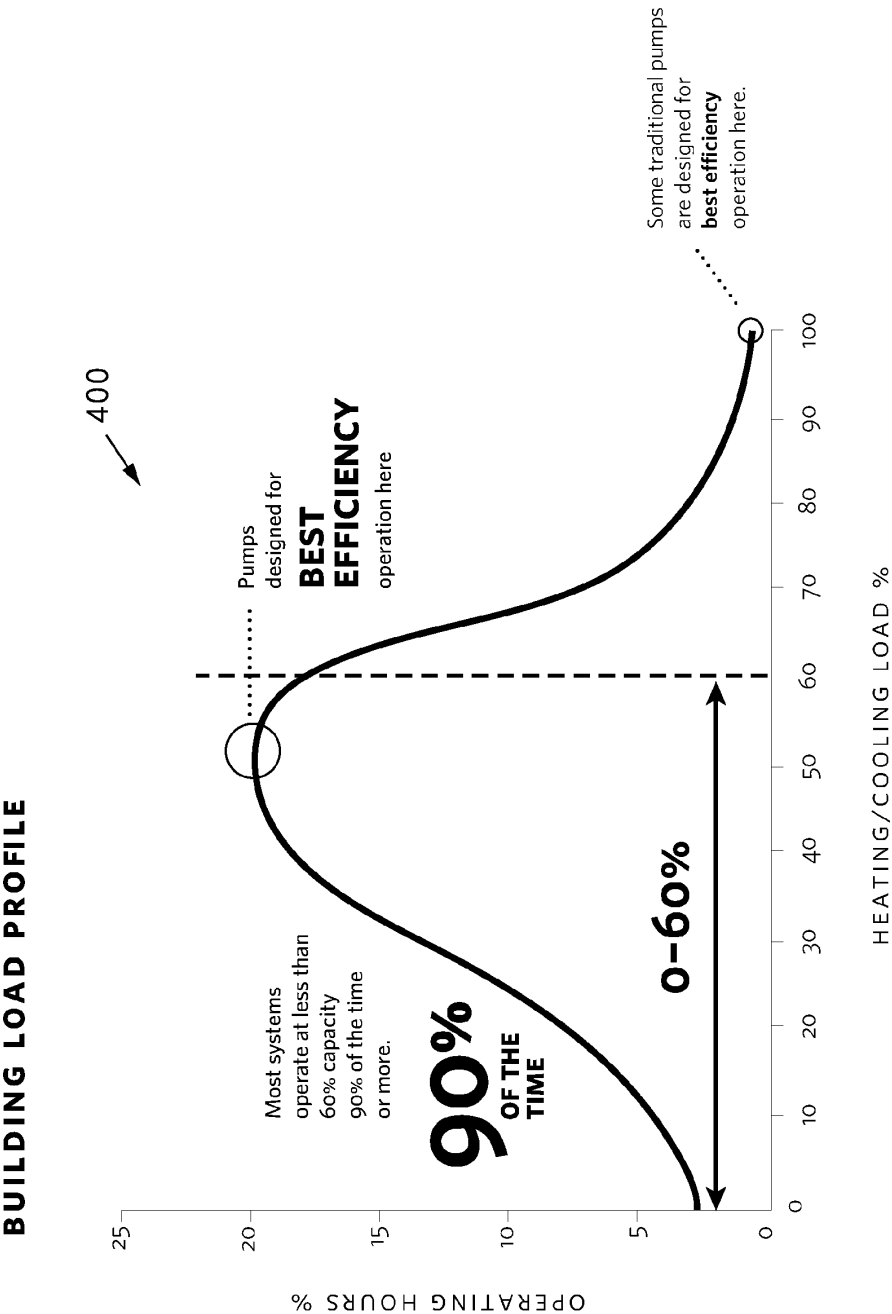


FIGURE 4A

BUILDING LOAD PROFILE

420 ↘

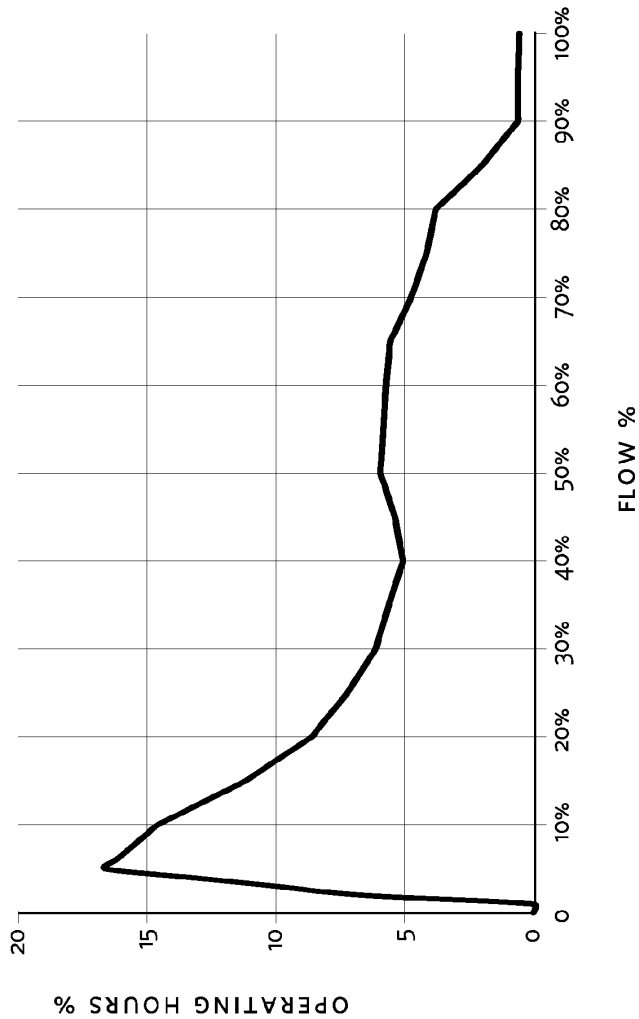


FIGURE 4B

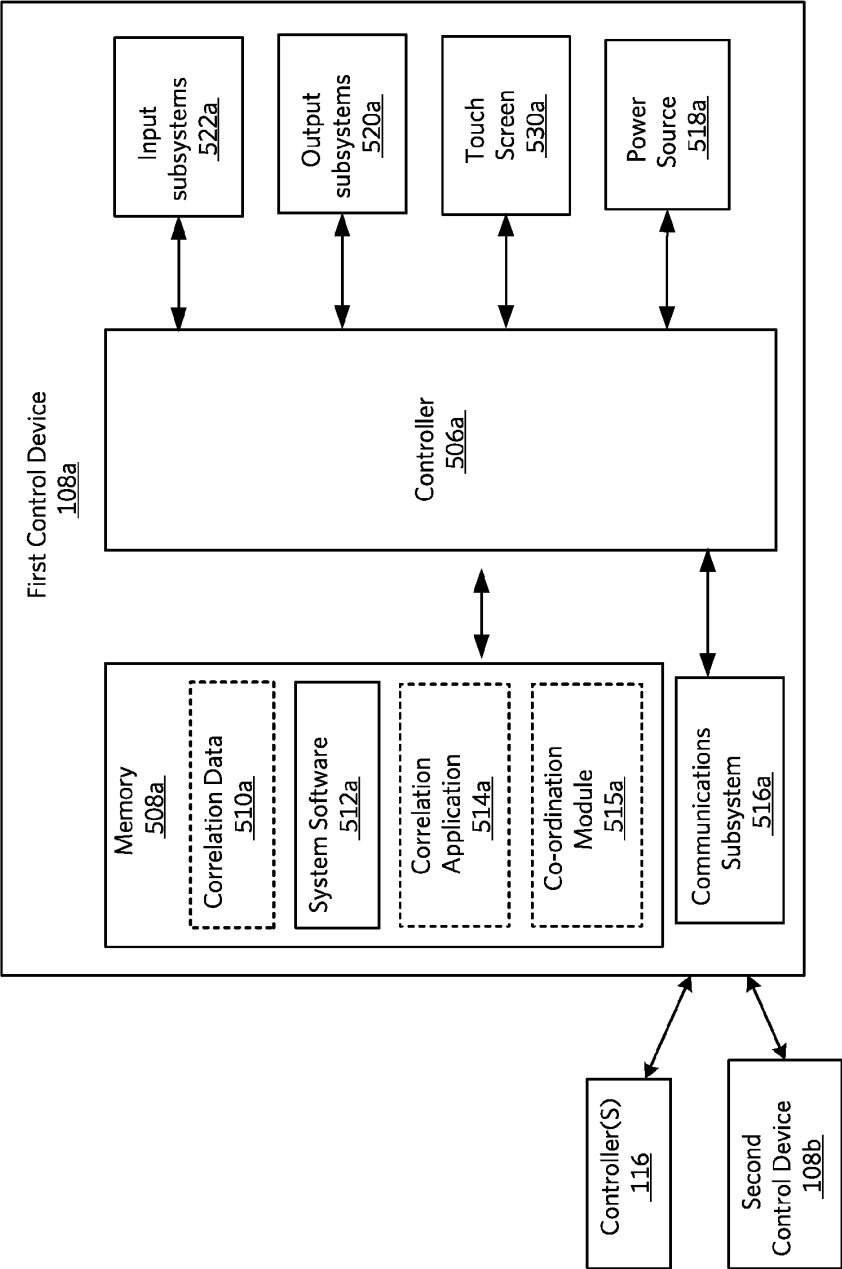


FIGURE 5

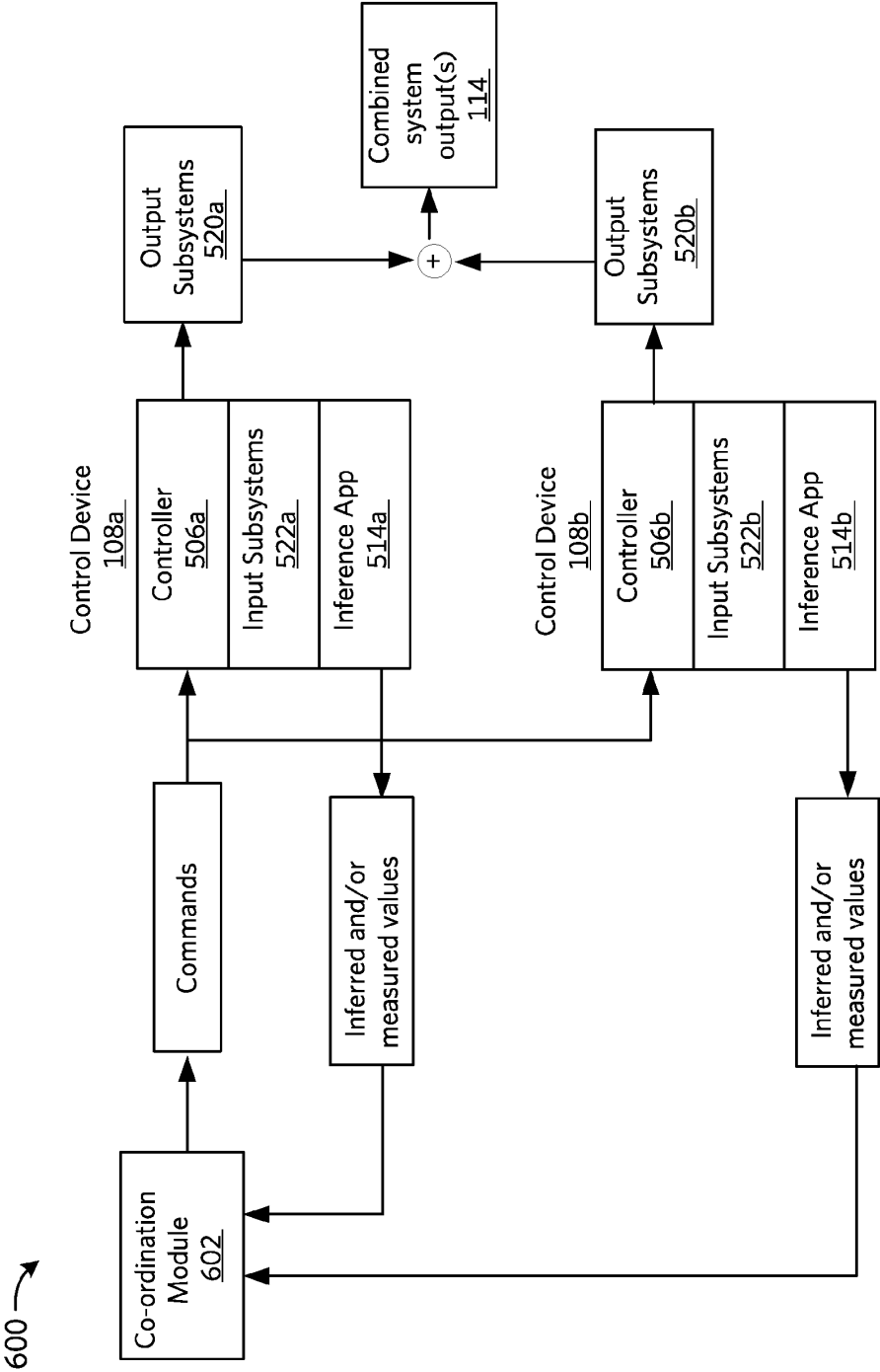


FIGURE 6

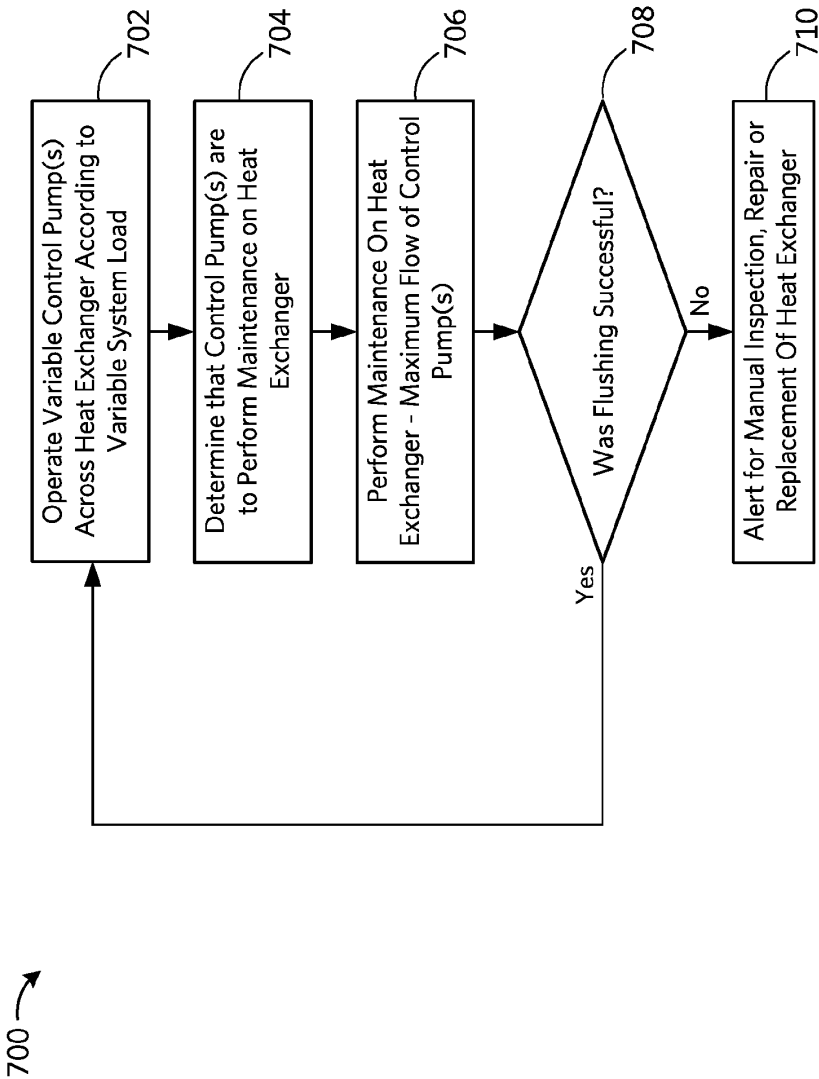
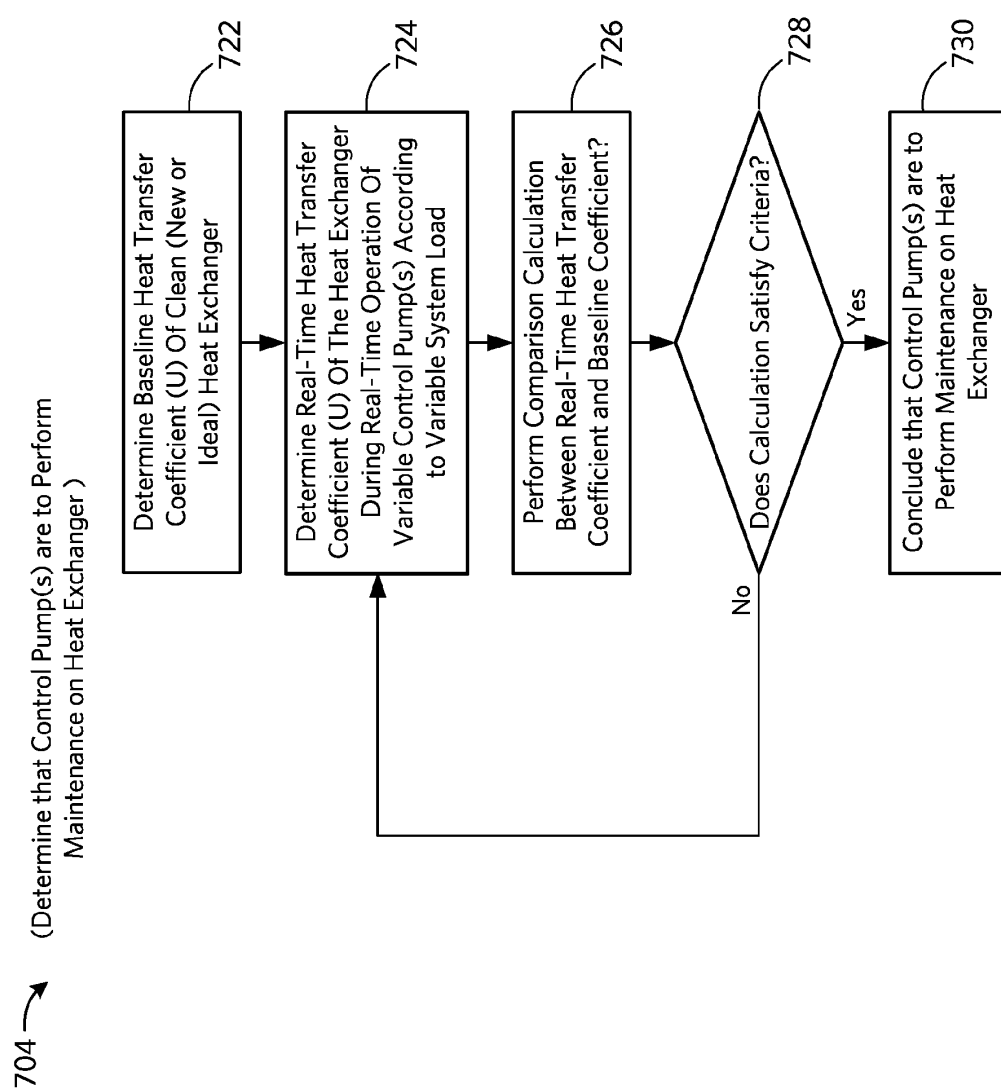


FIGURE 7A

**FIGURE 7B**

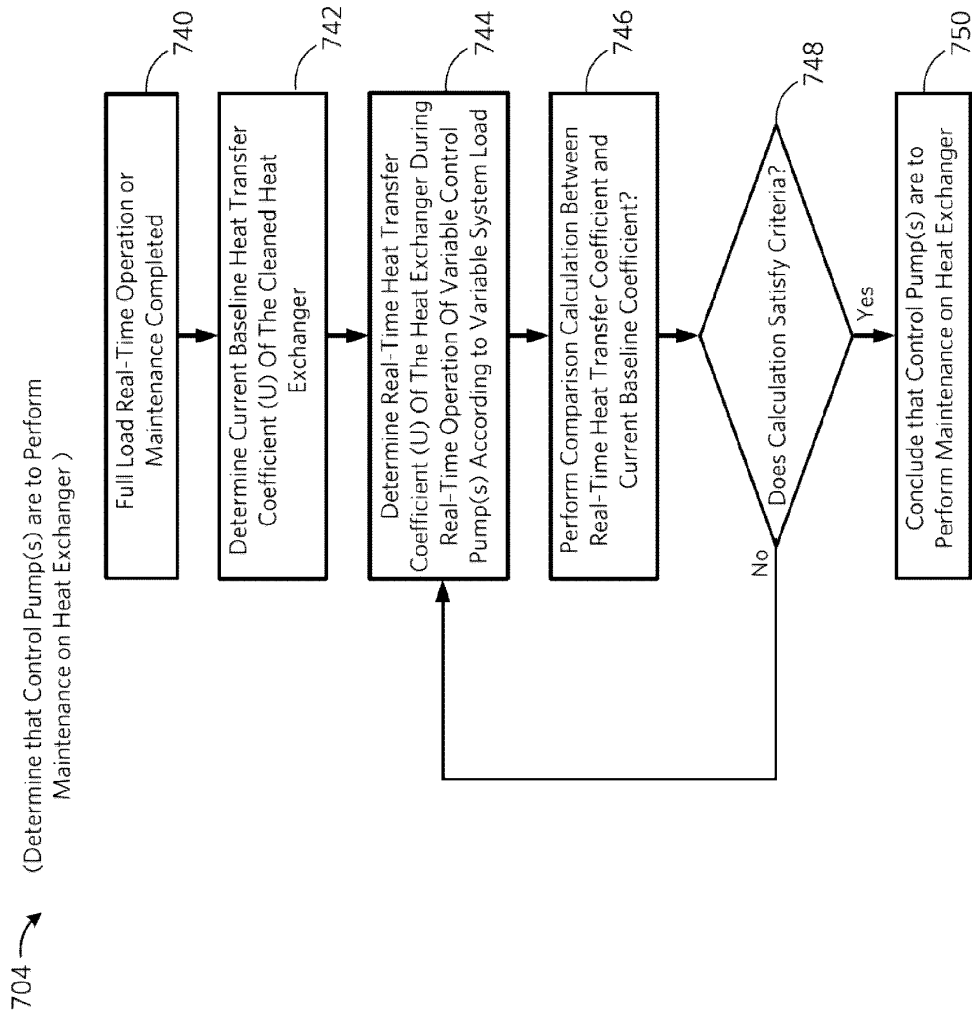


FIGURE 7C

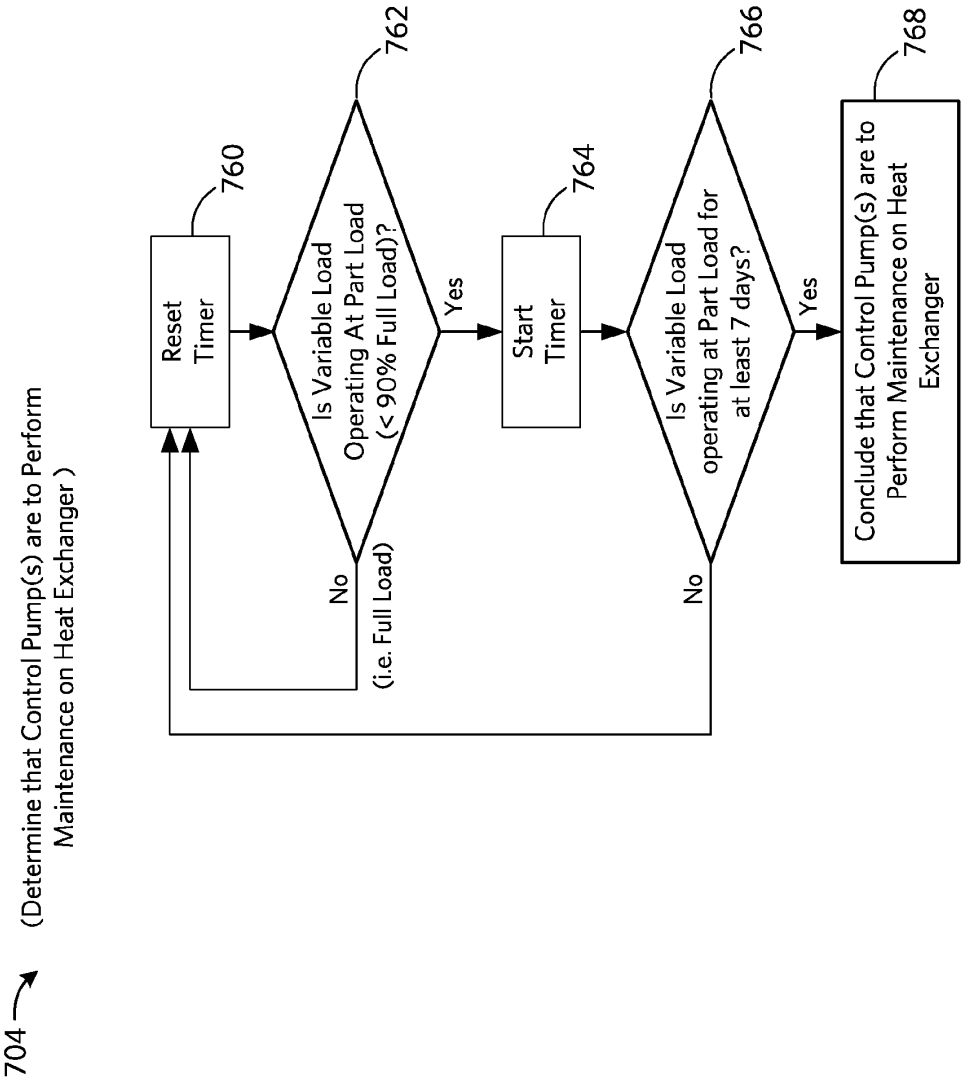


FIGURE 7D

800 →

DETERMINATION OF FOULING/ PERFORMANCE DEGRADATION IN REAL TIME

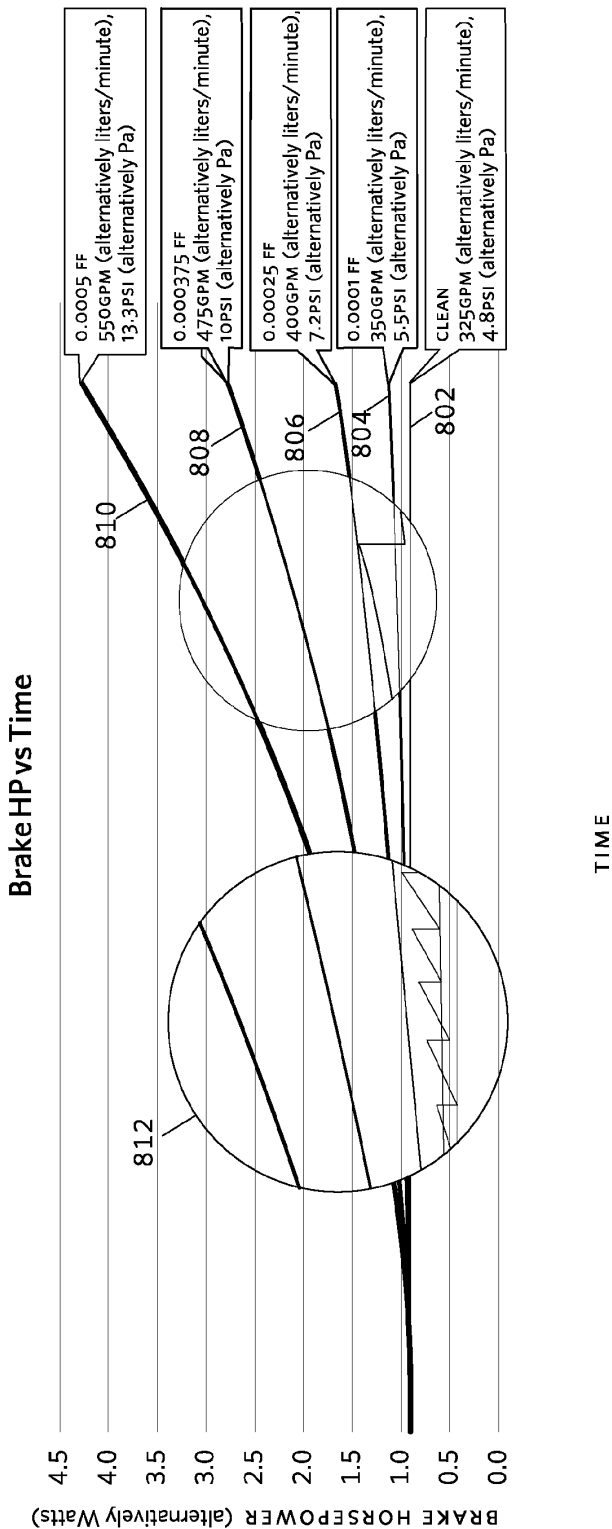


FIGURE 8

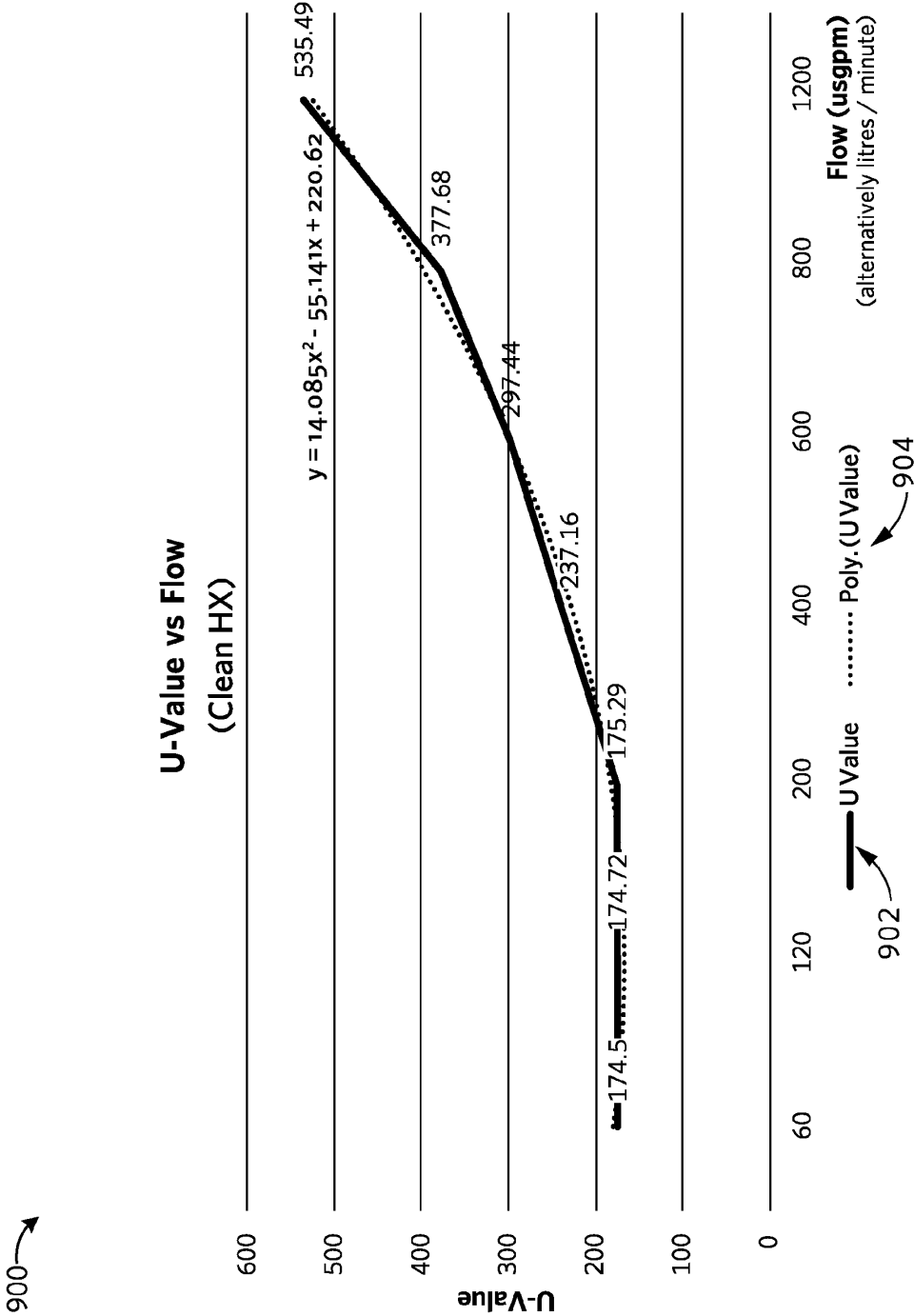


FIGURE 9

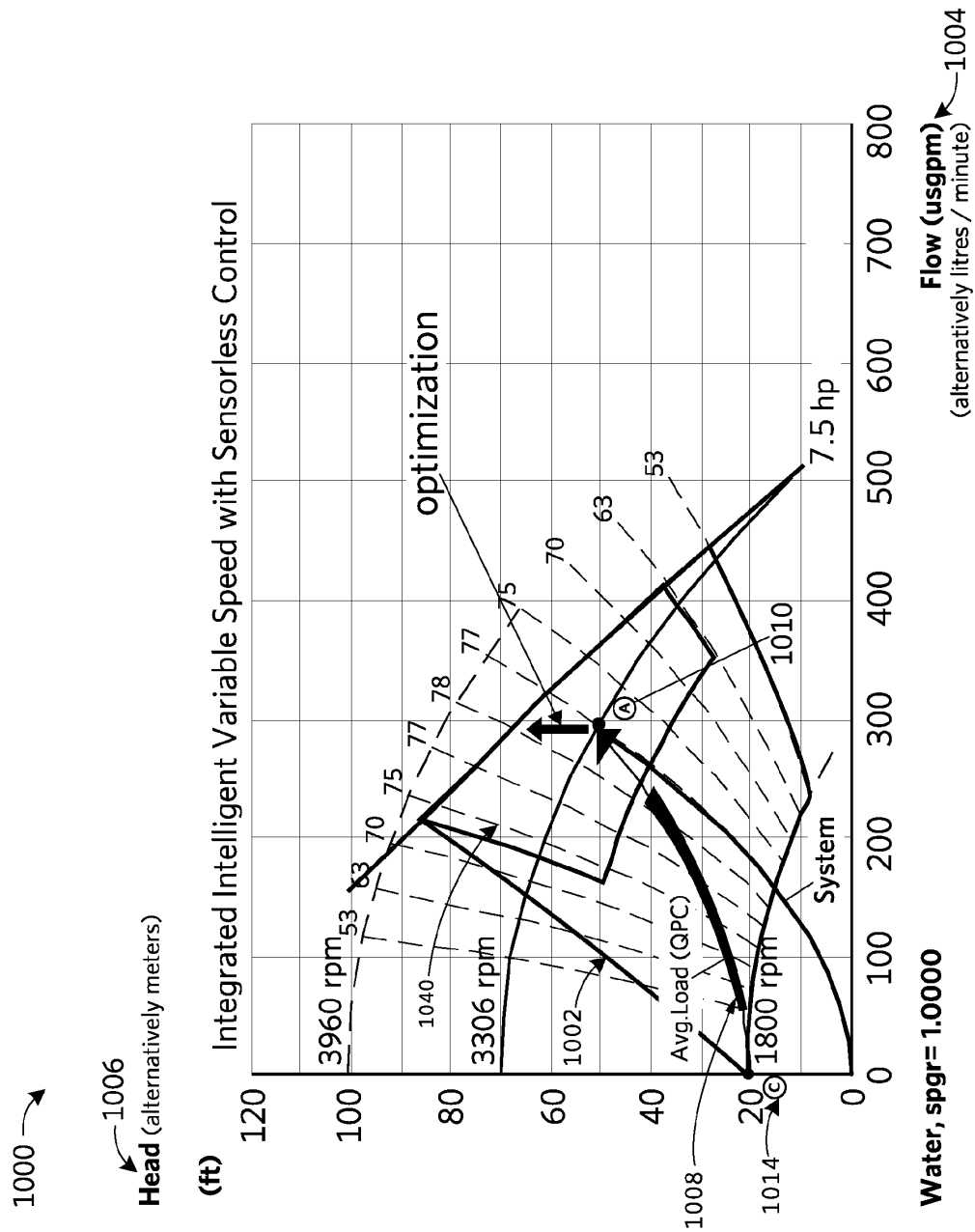


FIGURE 10

1100 →

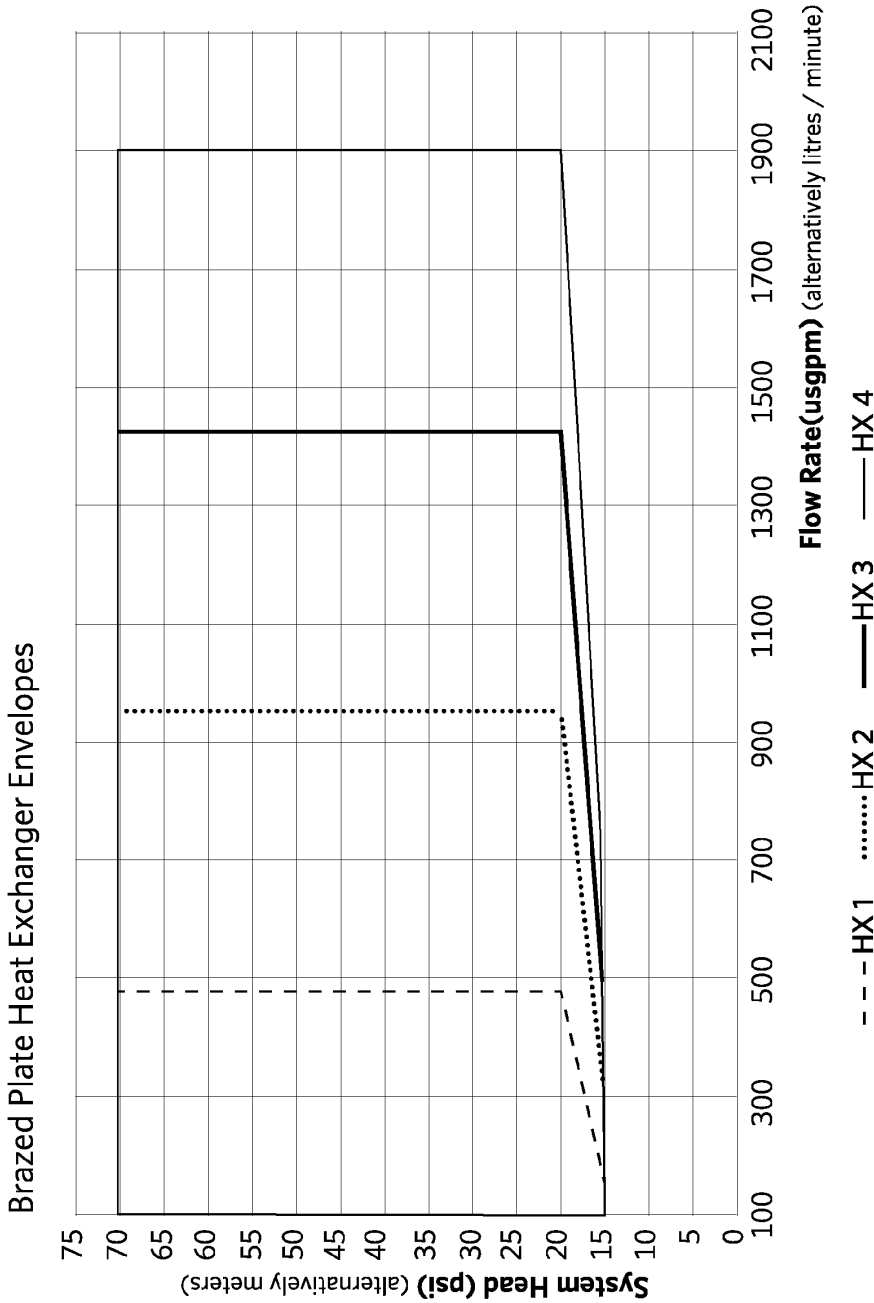


FIGURE 11A

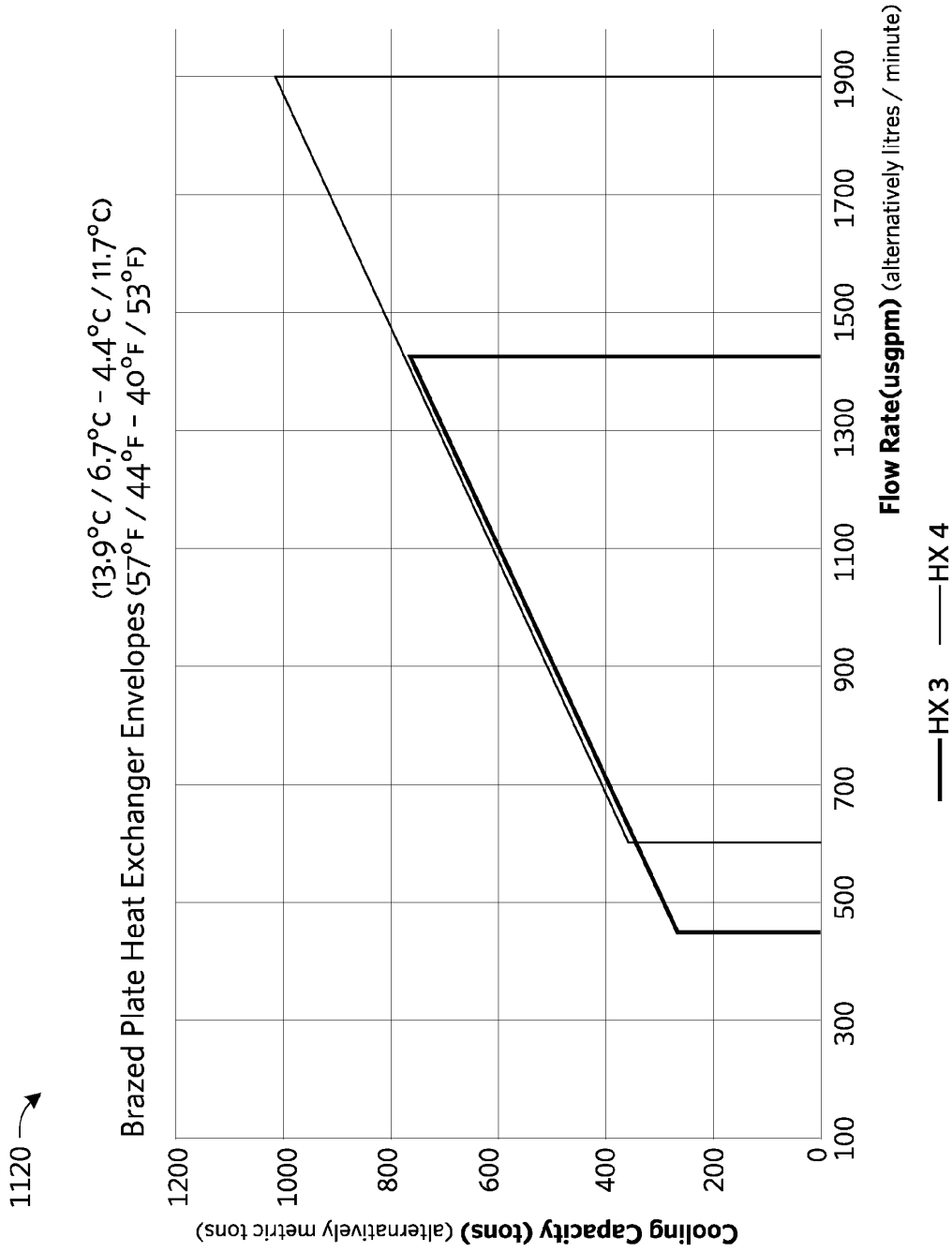


FIGURE 11B

1140 →

Brazed Plate Heat Exchanger Envelopes (60°C / 48.9°C – 43.3°C / 54.4°C)
(140°F / 120°F – 110°F / 130°F)

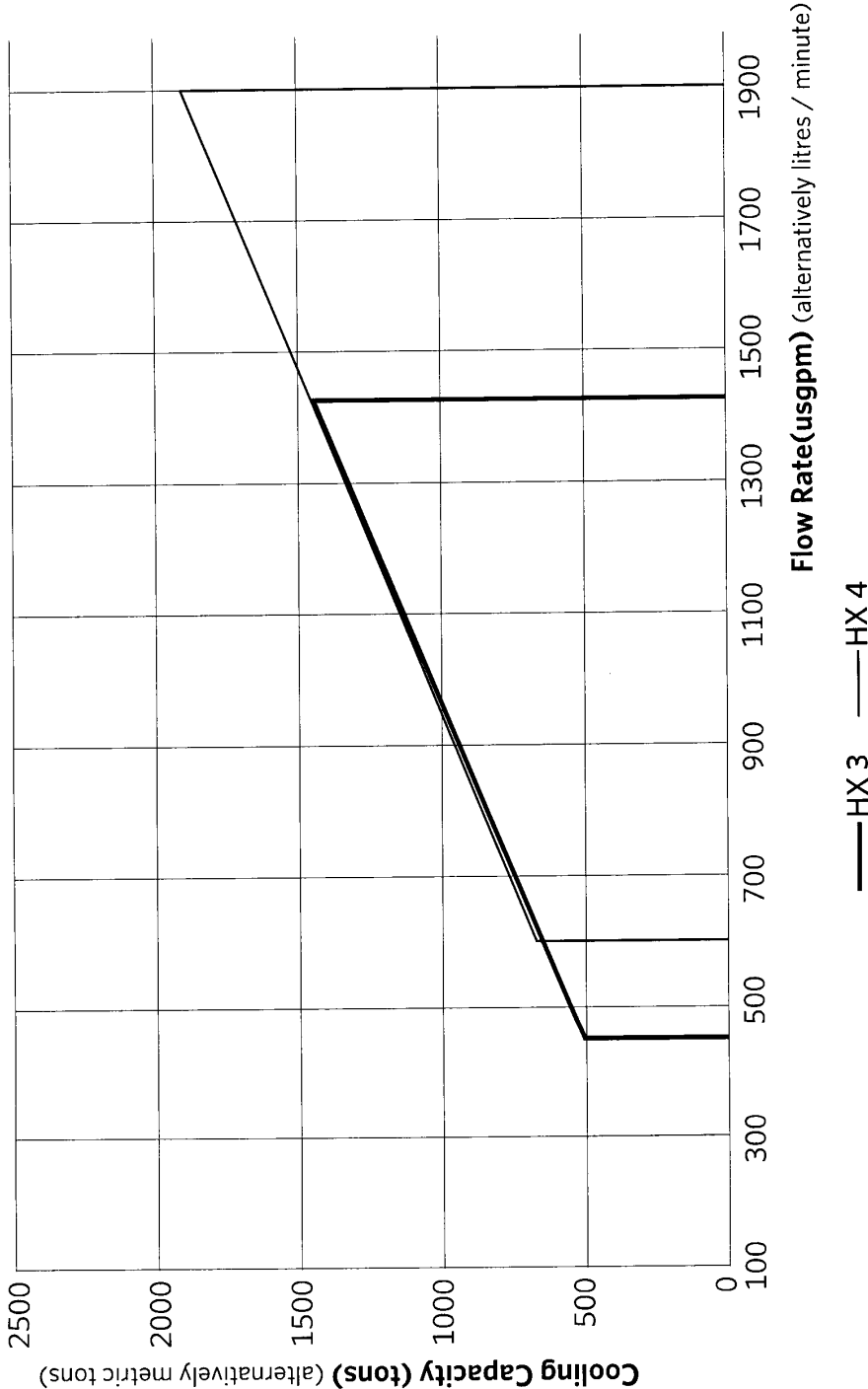


FIGURE 11C

1200

Pre-Select

Building Type		Location	
Apartment - Condo		Toronto, Canada	
Pump Redundancy		Heat Exchanger Redundancy	
50%		66%	
Heat Load		Heat Load Unit	
		Btu/hr	

COLD SIDE

Fluid	
Water	
Temperature In	Temperature In Unit
	°F
Temperature Out	Temperature Out Unit
	°F
Fluid Flow Rate	Fluid Flow Rate Unit
	USgpm
System Head w/o Heat Exchanger	HEAD UNIT
	psi

HOT SIDE

Fluid	
Water	
Temperature In	Temperature In Unit
	°F
Temperature Out	Temperature Out Unit
	°F
Fluid Flow Rate	Fluid Flow Rate Unit
	USgpm
System Head w/o Heat Exchanger	HEAD UNIT
	psi

Excess Surface Area

0

Excess Surface Area Unit

%

Get Result

FIGURE 12A

1220

Advanced Options

OPTIMIZATION OPTIONS

Load Profile

Discounting Period

3

Discounting Period Unit

Years

Discounting Rate

0

Discounting Rate Unit

%

Operating Mode

☒ Design

☐ Rating

FIGURE 12B

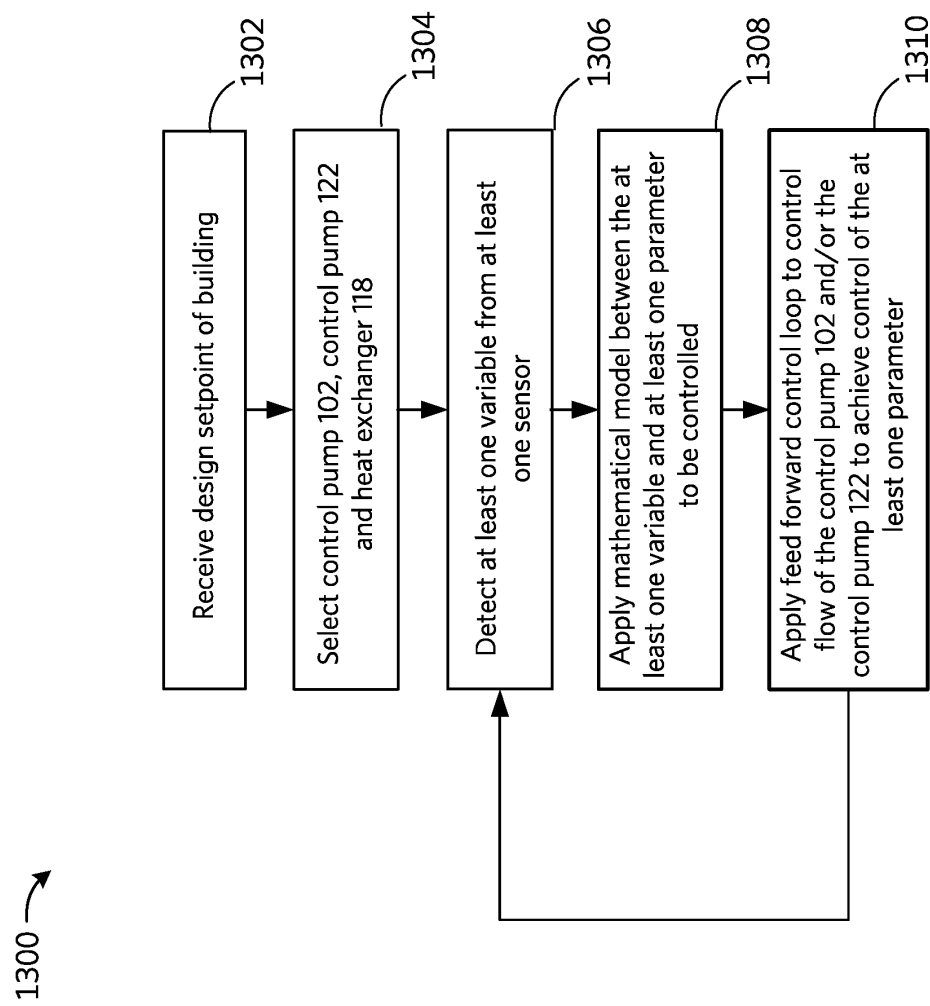


FIGURE 13