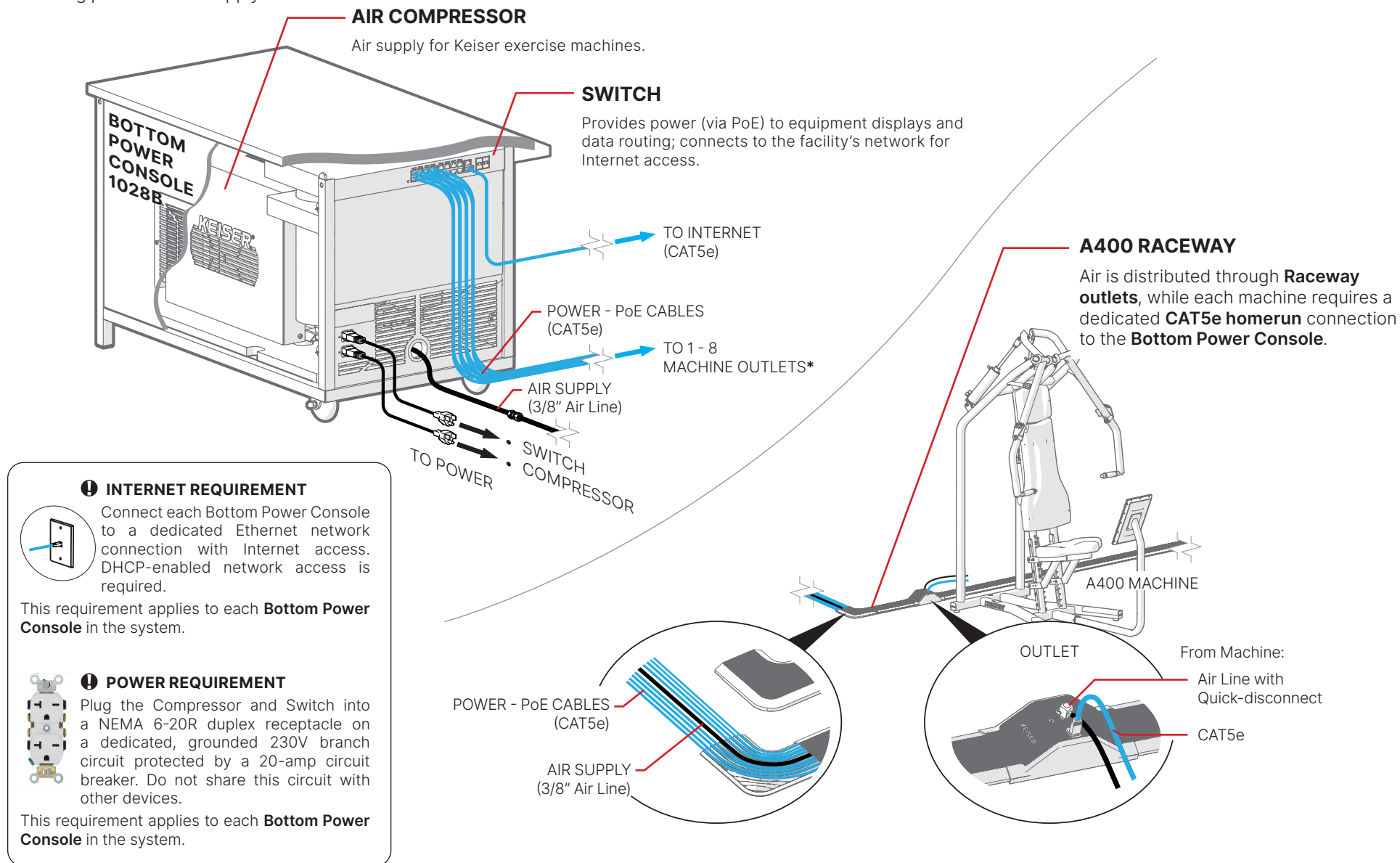


KEISER A400 System Overview

The **Bottom Power Console** is command central for Keiser A400 Series exercise machines. It manages communication across all machines on the network, while also delivering power and air supply.



* The stated 1-8 machine capacity represents standard system sizing. Certain high-demand machines (e.g., Leg Press, Squat Pro, Deadlift, and Rack systems) count as two machines for console sizing and floor planning. Depending on machine mix and facility usage, additional Power Consoles may be recommended to meet compressed air requirements. Final system configuration is determined by Keiser.

KEISER A400 System Overview

How the System Works

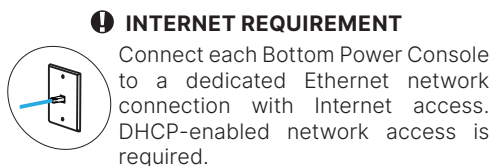
- Each **Bottom Power Console** provides air supply for up to 8 machines and PoE connectivity for up to 16 machines.
- Each **Top Power Console** expands air capacity by up to 8 additional machines (provides compressed air only; no Ethernet network connection required).
- Each **Bottom Power Console** requires one dedicated Ethernet network connection with Internet access.
- Each **machine** requires a dedicated CAT5e homerun connection to a **Bottom Power Console**.

Configuration and Facility Requirements

The A400 Console System scales in increments of 8 machines.

	Machines Supported	A400 Console Configuration	Ethernet Network Connection	NEMA 6-20R Receptacle
1	1-8	Bottom	x1	x1
2	9-16	Bottom-Top	x1	x1
3	17-24	Bottom-Top-Bottom	x2	x2
4	25-32	Bottom-Top-Bottom-Top	x2	x2

Continue the configuration sequence as needed to increase system capacity in increments of 8 machines.



INTERNET REQUIREMENT

Connect each Bottom Power Console to a dedicated Ethernet network connection with Internet access. DHCP-enabled network access is required.

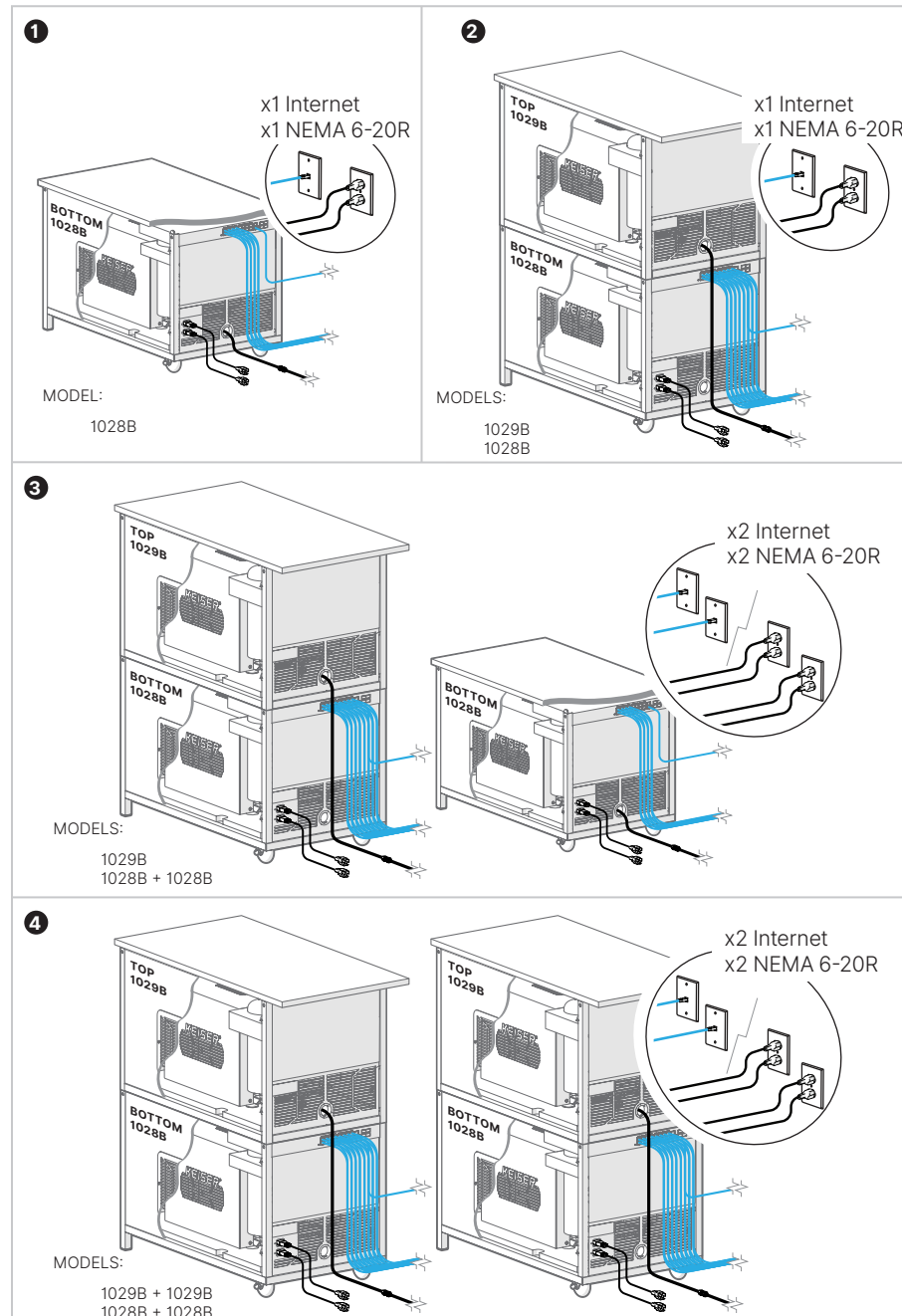
This requirement applies to each **Bottom Power Console** in the system.



POWER REQUIREMENT

Plug the Compressor and Switch into a NEMA 6-20R duplex receptacle on a dedicated, grounded 230V branch circuit protected by a 20-amp circuit breaker. Do not share this circuit with other devices.

This requirement applies to each **Bottom Power Console** in the system.



KEISER A400 System Overview

Quick Sizing Guide

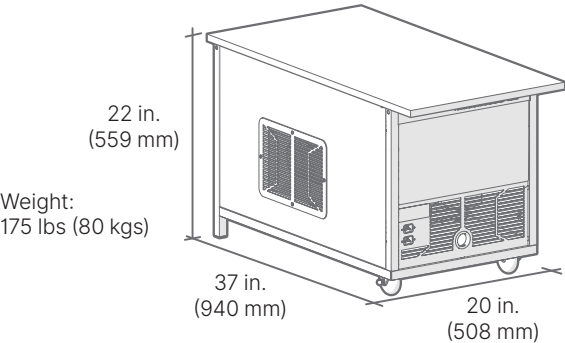
Determine the number and type of Power Consoles required for your A400 system:

Machines Supported	Total A400 Consoles	Bottom (1028B)	Top (1029B)
1–8	1	1	N/A
9–16	2	1	1
17–24	3	2	1
25–32	4	2	2
33–40	5	3	2
41–48	6	3	3
49–56	7	4	3
57–64	8	4	4
65–72	9	5	4
73–80	10	5	5
81–88	11	6	5

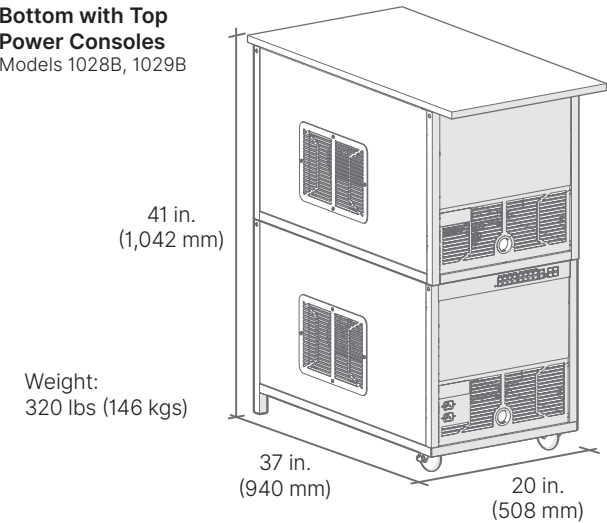
For larger systems, continue the configuration sequence as needed to increase system capacity in increments of 8 machines.

Dimensions

Bottom Power Console Model 1028B



Bottom with Top Power Consoles Models 1028B, 1029B

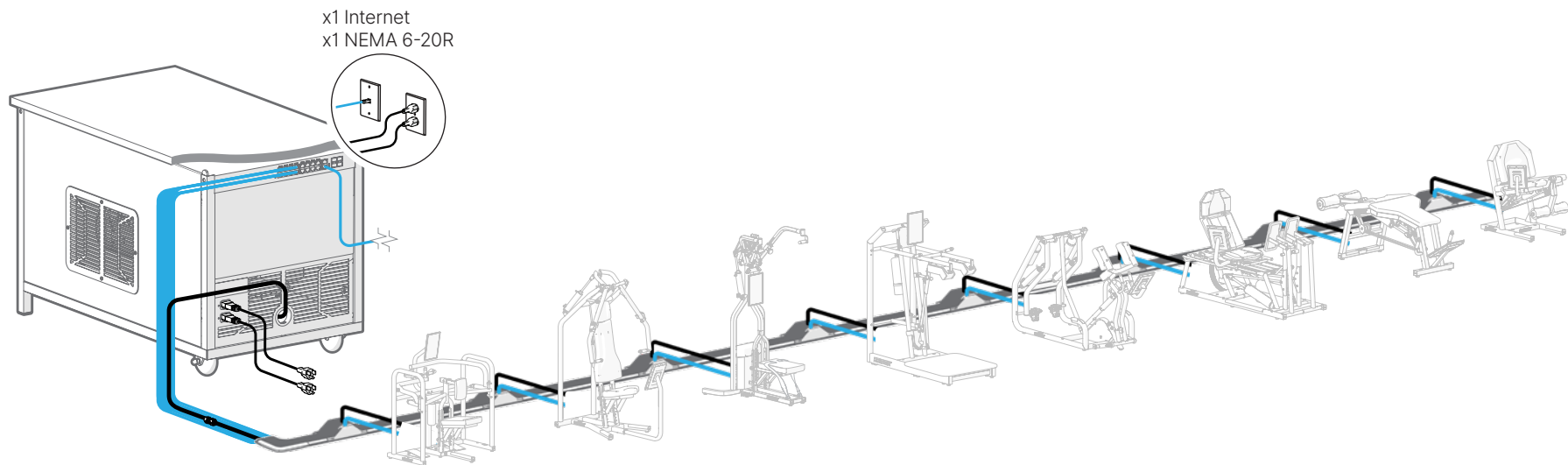


Keep vents clear for proper air flow.

THE SETUP

Configuration 1: Bottom

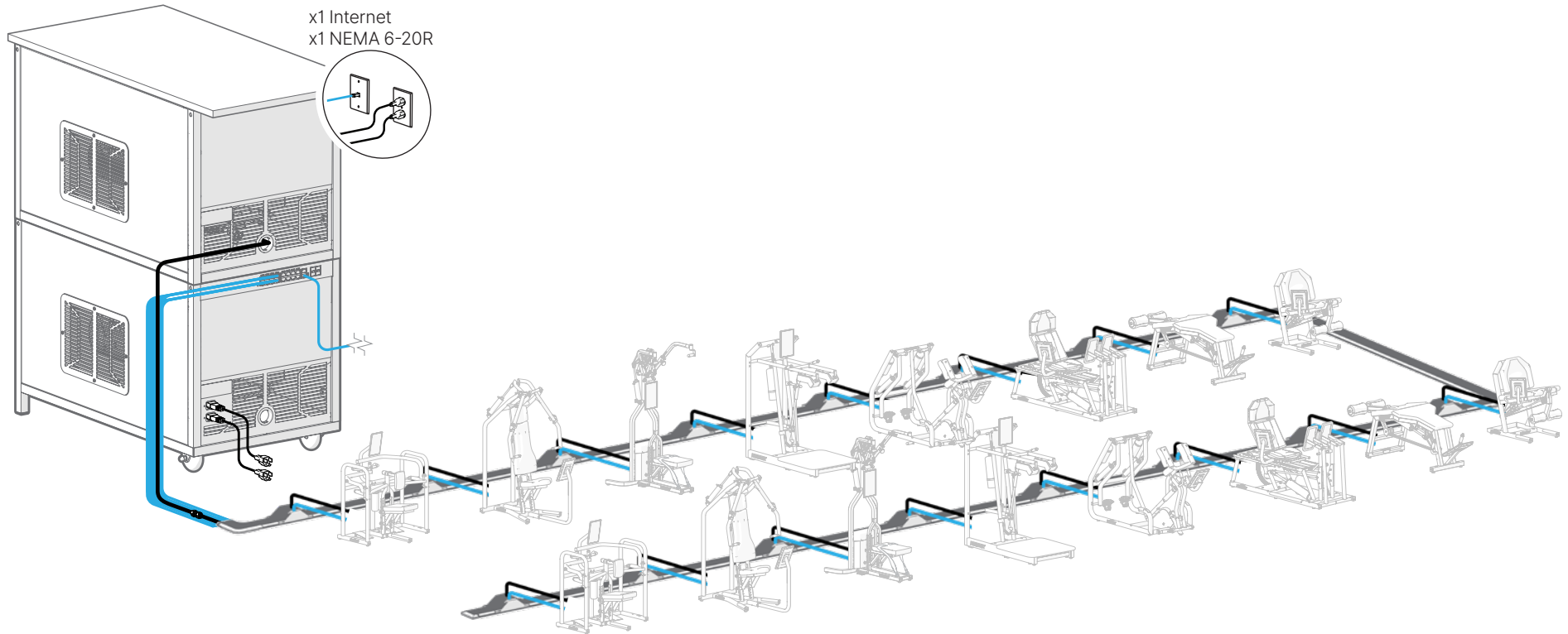
Machine Capacity: up to 8



THE SETUP

Configuration 2: Bottom + Top

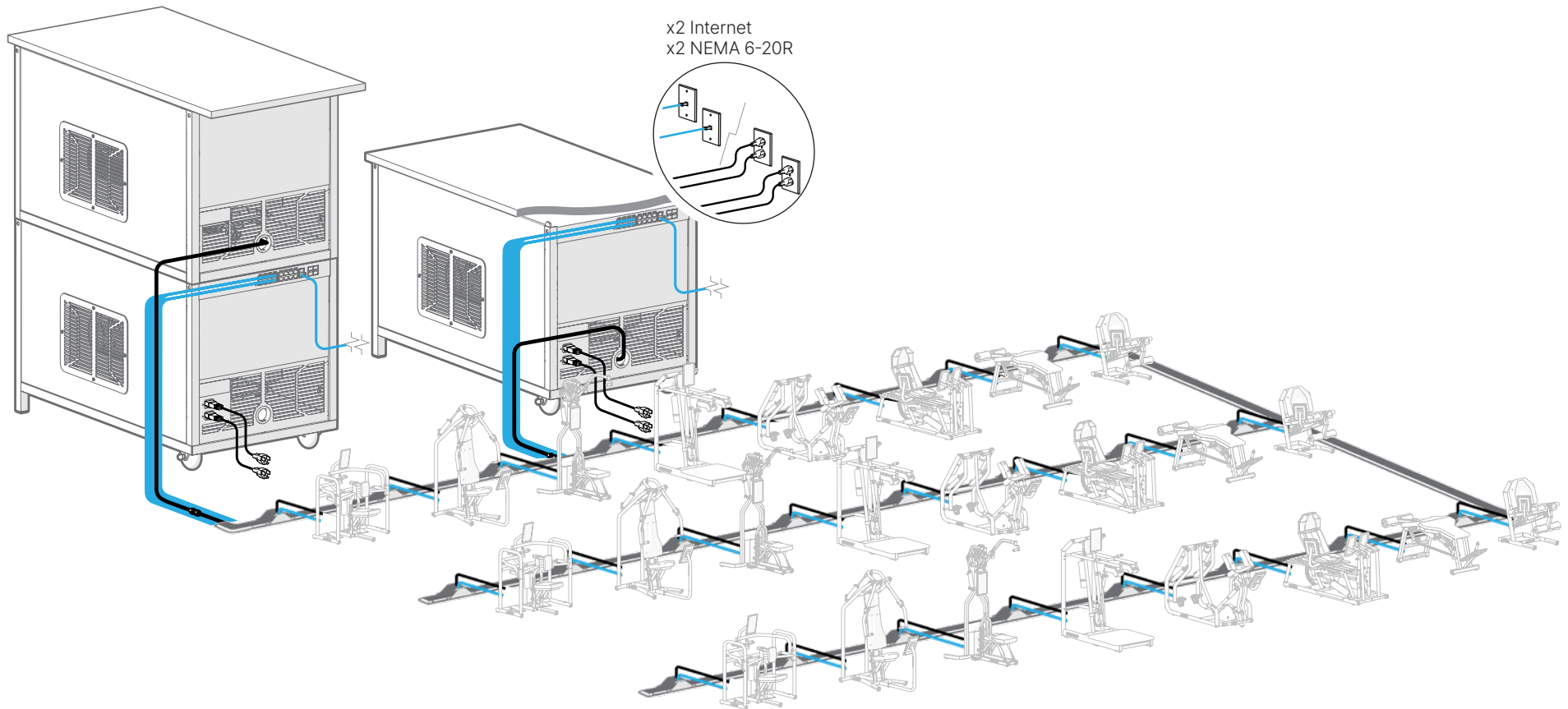
Machine Capacity: up to 16



THE SETUP

Configuration 3: Bottom + Top + Bottom

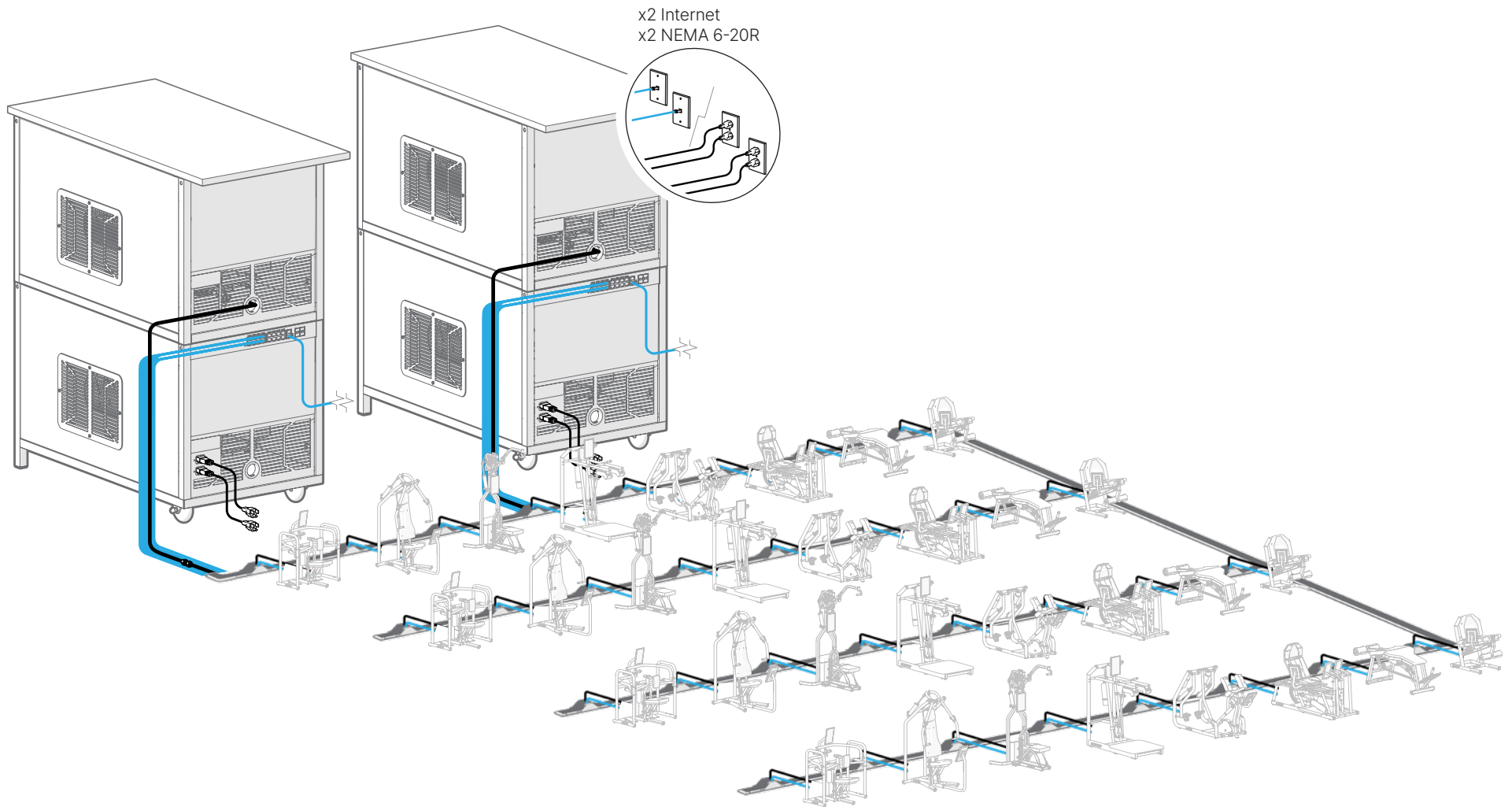
Machine Capacity: up to 24



THE SETUP

Configuration 4: Bottom + Top + Bottom + Top

Machine Capacity: up to 32



KEISER A400 System Overview

Facility — General Requirements

Power

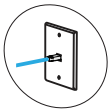


⚠ POWER REQUIREMENT

Plug the Compressor and Switch into a NEMA 6-20R duplex receptacle on a dedicated, grounded 230V branch circuit protected by a 20-amp circuit breaker. Do not share this circuit with other devices.

This requirement applies to each **Bottom Power Console** in the system.

Internet



⚠ INTERNET REQUIREMENT

Connect each Bottom Power Console to a dedicated Ethernet network connection with Internet access. DHCP-enabled network access is required.

This requirement applies to each **Bottom Power Console** in the system.

Machine Connections

- Each **machine** requires a dedicated CAT5e homerun connection to the **Bottom Power Console**.
- Maximum CAT5e cable length: 100 m (328 ft) per machine.

Raceway System

The **A400 Raceway System** routes **air lines** and **CAT5e** cabling between the **Bottom Power Console** and connected **machines**.

Air is distributed through **Raceway outlets**, while each machine requires a dedicated **CAT5e homerun** connection to the **Bottom Power Console**.