Underfloor Clearance
Work Area Clearance
6 ft - 0 in

Room Infrastructure Row
1. Modular PDUs ala APC PDPM
2. Potential UPS options
3. Networking/Network Services
4. Row arrangement is not final

Electrical Panel

Screening Panel

APC ACRC/ACRP 500

InRow Chiller

Air Curtains for Hot/Cold Aisle

Note Buffer Zones between Hot/Cold

ISO-Base Seismic Isolation Planks

APC AR 3100 600 mm x 1070 mm

42U

4 - 4 in
Deep concrete shelf under floor.

Underfloor Clearance

Work Area Clearance

4' - 4"

Room Infrastructure Row

1. Modular PDUs ala APC PDPM

2. Potential UPS options

3. Networking / Network Services

Row arrangement is not final

Electrical Panel

APC ACRC / ACRP 500

InRow Chiller

Air Curtains for Hot / Cold Aisle

Note Buffer Zones between Hot / Cold

ISO - Base Seismic Isolation Planks

APC AR 3100 600 mm x 1070 mm 42 U

F 13/16
Underfloor Clearance

Work Area Clearance

Under floor

4 ft - 4 ft

A1  A2  A3
Underfloor Clearance

Work Area Clearance

Room Infrastructure Row

1. Modular PDUs ala APC PDPM

2. Potential UPS options

3. Networking / Network Services

4. Row arrangement is not final

B. Electrical Panel

C. APC Uniflair Chiller (Example)

1. 130 KW Model-

2. must have underfloor clearance for airflow

E. ISO - Base Seismic Isolation Planks

F. APC AR 3100 600 mm x 1070 mm

42

4

21'-4"
deep concrete shelf under floor level.

Underfloor Clearance

Work Area Clearance

4' – 4" clearance in front.

Networking / Network Services

Row arrangement is not final.

Electrical Panel

APC Uniflair Chiller (Example)

130 KW Model - 28" clearance in front.

must have underfloor clearance for airflow.

ISO - Base Seismic Isolation Planks

APC AR 3100 600 mm x 1070 mm

42 U
Deep concrete shelf under floor.

Underfloor Clearance: 4'-2"
Work Area Clearance: 6'-0"

1. Room Infrastructure Row
   - Modular PDUs ala APC PDPM
   - 144 F – 300 mm

2. Potential UPS options

3. Networking / Network Services

4. Row arrangement is not final

5. Electrical Panel

6. APC ACRC / ACRP 500

7. InRow Chiller

8. Air Curtains for Hot / Cold Aisle
   - Note Buffer Zones between Hot / Cold

9. ISO - Base Seismic Isolation Planks

10. APC AR 3100 600 mm x 1070 mm 42 U
20" deep concrete shelf under floor. 

Underfloor Clearance
Work Area Clearance

A. Room Infrastructure Row
1. Modular PDUs ala APC PDPM
144 F – 300 mm

2. Potential UPS options

3. Networking/Network Services

4. Row arrangement is not final

B. Electrical Panel

C. APC Uniflair Chiller (Example)
1. 130 KW Model - 28"
clearance in front

2. must have underfloor clearance for airflow

D. ISO - Base Seismic Isolation Planks

E. APC AR 3100 600 mm x 1070 mm 42 U

C h
Potential UPS/PDU location?
"Only" need 48 circuits, so 4 Modular PDUs is a bit of overkill at 96 circuits.
Cold Aisle

Hot Aisle

Cold Aisle

Hot Aisle

Cold Aisle

- Leave empty for work area, staging, etc.
- Empty racks kept as spares
- Network/infrastructure racks
- Spaceholders for UPS expansion

Modular UPS
Symmetra PX
MGE Galaxy
MGE Galaxy etc
Expand up to 4-
Half-width InRow AC
Cold Aisle

Hot Aisle

Cold Aisle

Hot Aisle

Cold Aisle

Leave empty for work area, staging, etc.

· Empty Racks kept as Spares
· Network/Infrastructure Racks
· Spaceholders for UPS expansion
Underfloor Clearance
Work Area Clearance

Row Infrastructure Row

1. Modular PDUs ala APC PDPM
2. Potential UPS options
3. Networking / Network Services
4. Row arrangement is not final

Electrical Panel

Air Curtains for Hot / Cold Aisle

Note Buffer Zones between Hot / Cold

ISO - Base Seismic Isolation Planks

APC AR 3100 600 mm x 1070 mm

A2 A3 A1
Underfloor Clearance

Work Area Clearance

A. Room Infrastructure Row
1. Modular PDUs ala APC PDPM
144 F – 300 mm
2. Potential UPS options
3. Networking / Network Services
4. Row arrangement is not final

B. Electrical Panel

C. APC Uniflair Chiller (Example)
1. 130 KW Model - 28” clearance in front

D. APC UniFlair Water-fed Room Chiller
1. 28” clearance in front of chiller

E. ISO-Base Seismic Isolation Planks

F. APC AR 3100 600 mm x 1070 mm
42 U 10 3/4” b

D 20” wide