Underfloor Clearance

Work Area Clearance

A

B

C

D

E

F

Note: Buffer Zones between Hot/Cold Aisle

ISO-Base Seismic Isolation Planks

APC AR 3100 600 mm x 1070 mm

APC ACRC/ACRP 500 InRow Chiller

Air Curtains for Hot/Cold Aisle

Modular PDUs a la APC PDPM

Potential UPS options

Networking/Network Services

Row arrangement is not final
Underfloor Clearance

Work Area Clearance

4' - 4"
Deep concrete shelf under floor 0 ft 3 ft 5 ft 10 ft.

Underfloor Clearance
Work Area Clearance

10 1/4"

1'-8"

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

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

APC Uniflair Chiller (Example)

1. 130 KW Model - 28"
clearance in front

2. must have underfloor clearance for airflow

3. Networking / Network Services

4. Row arrangement is not final

Electrical Panel

APC Uniflair Chiller (Example)
1. Room Infrastructure Row
   - Modular PDUs ala APC PDPM
   - 144 F – 300 mm

2. Networking
   - Potential UPS options

3. Row arrangement is not final

4. Electrical Panel

5. ISO - Base Seismic Isolation Planks

6. APC AR 3100 600 mm x 1070 mm 42 U
Deep concrete shelf under floor.

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

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

Potential UPS options
3.

Networking / Network Services
4.

Row arrangement is not final

Electrical Panel
B.

APC ACRC / ACRP
500

InRow Chiller
D.

Air Curtains for Hot / Cold Aisle
1.
Note Buffer Zones between Hot / Cold

ISO - Base Seismic Isolation Planks
E.

APC AR
3100 600
mm x 1070
mm

F.

D1
9 13
16
2'
8"
Potential UPS/PDU location?
"Only" need 48 circuits, so 4 Modular PDUs is a bit of overkill at 96 circuits. 24 Circuits per Modular PDU.
Cold Aisle

Empty Racks kept as Spares

Network/Infrastructure Racks

Spaceholders for UPS expansion

Expand up to 4-wide

Hot Aisle

Half-width

Cold Aisle

Leave empty for work area, staging, etc.
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

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

B. Electrical Panel

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

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

E. ISO-Base Seismic Isolation Planks

F. APC AR 3100 600 mm x 1070 mm
   - 42 U

D1 10 1/4" b 2'-8"

20" wide