

# 230553S02 Identification for HVAC Piping and Equipment: AHU & Exhaust Fans Naming Convention

## INFORMATION:

This standard is for providing a consistent naming methodology for building air handling units (AHU) and exhaust fans (EF). These names shall be used in the project plans, the labeling of the AHUs and EFs and for Building Automation System point naming and graphics development.

## AHU PROCEDURE:

The units shall be named using the following nomenclature:

**AHU(no.)\_(area service type)\_(floors served)(direction)** where

*AHU(no.)* is the next consecutive number of air handlers in the building such as AHU1, AHU2, etc.

*(area service type)* is the majority type of area served such as a bed tower, laboratory space, electrical room, etc. A list of the appropriate service types is listed later in this document. Other services can be included in the area served such as a bed tower (BT) floor would have utility rooms, nurse stations, waiting rooms, etc. but the patient rooms are the determining factor since they would be the majority of the space.

*(floors served)* is the floor or floors served by the particular AHU

*(direction)* is the north/south/east/west direction if pertinent for AHUs that serve only a particular side of the floor

Examples:

1. the fifth AHU installed in the building that serves a sixth floor patient floor would be **AHU5\_BT\_6**
2. the third AHU installed that serves lab floors 1, 2 & 3 on the north side would be **AHU3\_LAB\_123N**

## AHU AREA SERVICE TYPES:

BT	Bed Tower – patient bed spaces
DT	Diagnostic / Treatment including Pharmacy, Radiology
SUR	Surgery including PACU, etc.
CLIN	Clinic spaces
LAB	Laboratory spaces
VIV	Vivarium
CLS	Classrooms
OFC	Offices
LOB	Lobbies and waiting rooms where only lobbies and waiting rooms exist
BR	Bridge
MER	Mechanical Room
ELEC	Electrical Room
KIT	Kitchen
CAFE	Cafeteria
STOR	Storage spaces
SHOP	Shops
AUX	Auxiliary, support services spaces where space is varied (including conference rooms, corridors, small lobbies, etc.)

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### **EF PROCEDURE:**

The units shall be named using the following nomenclature:

***EF(no.)\_(type of fan)\_(floors served)(direction)*** where

*EF(no.)* is the next consecutive number of exhaust fan type in the building such as EF1, EF2, etc.

*(type of fan)* is the majority type of exhausted air such as Toilet Exhaust, Fume Hood Exhaust, etc.

*(floors served)* is the floor or floors served by the particular EF

*(direction)* is the north/south/east/west direction if pertinent for EFs that serve only a particular side of the floor

Examples:

3. the fifth EF installed in the building that serves a sixth floor fume hood would be **EF5\_FH\_6**
4. the third EF installed that serves the toilets on floors 1, 2 & 3 on the north side would be **EF3\_TE\_123N**

### **EF AREA SERVICE TYPES:**

TE – Toilet Exhaust

FH – Fume Hood Exhaust

ISO – Isolation Room Exhaust

GE – General Exhaust

SEF – Smoke Evacuation Fan

PHM – Pharmacy Exhaust

CTS – Central Sterile

VIV – Vivarium Exhaust

DCON - Decontamination