

HOW TO SET OUTDOOR AIR TO OCCUPANCY SCHEDULE IN A VAV UNIT

Edit Air handling unit -

Air handling unit Data

General **Outdoor Air System**

Recirculation

On

Outdoor air flow rate (m³/s)

Minimum limit type

Economiser (Free Cooling)

Economiser control type

Outdoor Air Schedules

Apply minimum outdoor air schedule

Apply minimum outdoor air schedule

Minimum outdoor air schedule

Apply minimum fraction of outdoor air schedule

Apply maximum fraction of outdoor air schedule

Autosize

2-Fixed minimum

1-No economizer

Office_OpenOff_Occ

Edit VAV no reheat ADU -

VAV no reheat ADU Data

Air Terminal: VAV No Reheat **Target**

General

Name

TestZone:Test1402M2GFA Single

Maximum air flow rate (m³/s)

Autosize

1-Constant

Zone minimum air flow rate method

Constant minimum air flow fraction (turndown ratio)

0.300

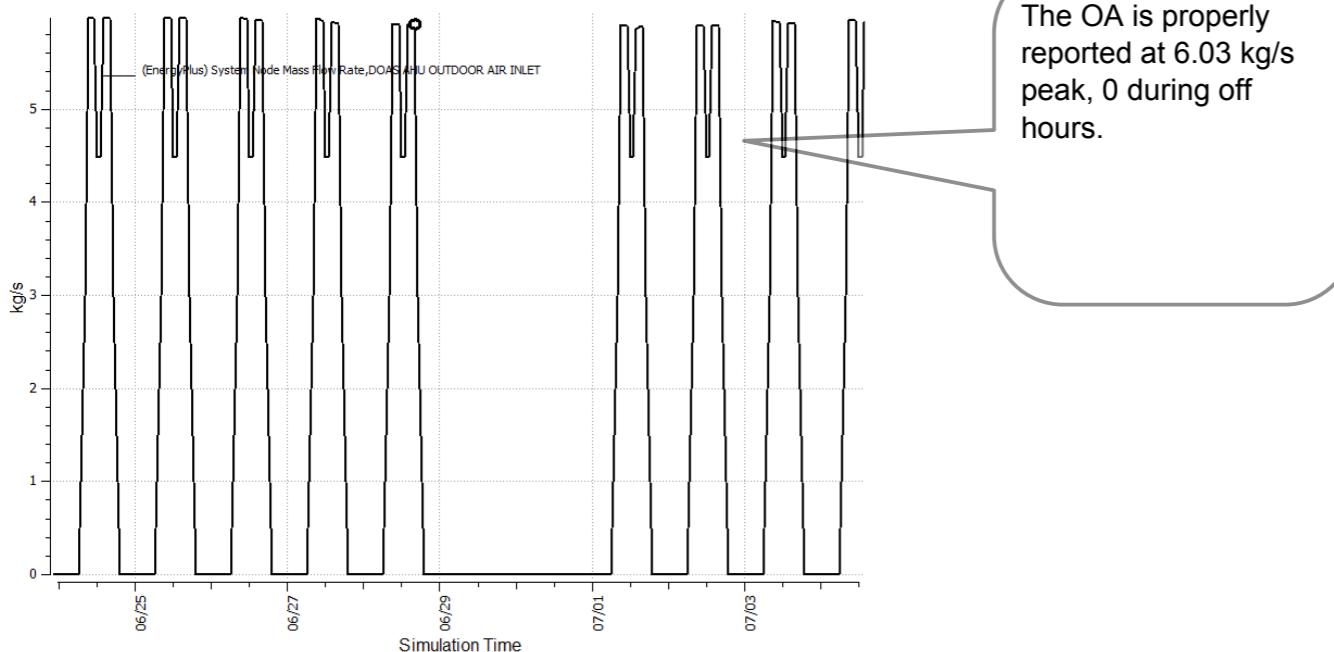
Outdoor Air

Control on outdoor air flow

Operation

Availability schedule

On



THIS is where the outdoor air rate is set. Each zone in the group will contribute to the total OA rate. In this case, there is one zone only, with area = 402 m². Therefore, total OA is 5.025 m³/s = 4.188 kg/s

Edit HVAC Zone -

HVAC Zone Data

General **Target**

Name

TestZone:Test1402M2GFA

Thermostat Schedules

Thermostat heating setpoint schedule

Thermostat cooling setpoint schedule

Comfort PMV Setpoint Schedules

Heating PMV setpoint schedule

Cooling PMV setpoint schedule

Humidistat Control

Humidistat control

CO₂ and Contaminant Control

Contaminant control

Cooling Sizing

Cooling design supply air temperature input method

1-Supply air temperature

14.000

Cooling design supply air temperature (°C)

0.009

Cooling design supply air humidity ratio

0.000

Cooling minimum air flow fraction (turndown ratio)

1.150

Zone cooling sizing factor

1-Design day

Heating Sizing

Heating design supply air temperature input meth...

1-Supply air temperature

50.000

Heating design supply air temperature (°C)

0.004

Heating design supply air humidity ratio

1.250

Zone heating sizing factor

1-Design day

Outside Air Sizing

Outside air method

3-Flow/Area

Outside air flow per zone floor area (m³/s-m²)

0.01250

Model data <admin>