

REPORT- ATTN Simulation Messages For Review HVAC

Program

WEATHER FILE- Miami

FL TMY2

WARNING***
SYSTEM F3S1Sys1 (VAVS) (G.WNW1) has specified SUPPLY-CFM smaller
than the total specified outside air

WARNING***
ZONE F3S1WNW Perim Zn (G.WNW1) in SYSTEM F3S1Sys1 (VAVS) (G.WNW1) cannot get needed
MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

CAUTION***
In curve: Variable Speed Drive FPLR the dependent value
is exceeding the limits.
Value/Min/Max/First time: 1.257 0.100 1.000 12/31/24

WARNING***
SYSTEM F4S1Sys1 (VAVS) (G.W1) has specified SUPPLY-CFM smaller
than the total specified outside air

WARNING***
ZONE F4S1West Perim Zn (G.W1) in SYSTEM F4S1Sys1 (VAVS) (G.W1) cannot get needed
MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

WARNING***
SYSTEM F3S1Sys2 (VAVS) (G.NE2) has specified SUPPLY-CFM smaller
than the total specified outside air

WARNING***
ZONE F3S1NE Perim Zn (G.NE2) in SYSTEM F3S1Sys2 (VAVS) (G.NE2) cannot get needed
MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

WARNING***
SYSTEM F4S1Sys2 (VAVS) (G.NE2) has specified SUPPLY-CFM smaller
than the total specified outside air

WARNING***
ZONE F4S1NE Perim Zn (G.NE2) in SYSTEM F4S1Sys2 (VAVS) (G.NE2) cannot get needed
MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

WARNING***
SYSTEM F4S1Sys4 (VAVS) (G.ENE5) has specified SUPPLY-CFM smaller
than the total specified outside air

WARNING***
ZONE F4S1ENE Perim Zn (G.ENE5) in SYSTEM F4S1Sys4 (VAVS) (G.ENE5) cannot get needed
MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

WARNING***
SYSTEM F5S1Sys4 (VAVS) (G.E5) has specified SUPPLY-CFM smaller
than the total specified outside air

WARNING***
ZONE F5S1East Perim Zn (G.E5) in SYSTEM F5S1Sys4 (VAVS) (G.E5) cannot get needed
MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

WARNING***
SYSTEM F6S1Sys4 (VAVS) (G.E5) has specified SUPPLY-CFM smaller
than the total specified outside air

WARNING***
ZONE F6S1East Perim Zn (G.E5) in SYSTEM F6S1Sys4 (VAVS) (G.E5) cannot get needed
MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

WARNING***
SYSTEM F4S1Sys5 (VAVS) (G.SSW4) has specified SUPPLY-CFM smaller
than the total specified outside air

WARNING***
ZONE F4S1SSW Perim Zn (G.SSW4) in SYSTEM F4S1Sys5 (VAVS) (G.SSW4) cannot get needed
MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

WARNING***
SYSTEM F5S1Sys5 (VAVS) (G.SW4) has specified SUPPLY-CFM smaller
than the total specified outside air

WARNING***
ZONE F5S1SW Perim Zn (G.SW4) in SYSTEM F5S1Sys5 (VAVS) (G.SW4) cannot get needed
MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

WARNING***
SYSTEM F6S1Sys5 (VAVS) (G.SW4) has specified SUPPLY-CFM smaller
than the total specified outside air

WARNING***
ZONE F6S1SW Perim Zn (G.SW4) in SYSTEM F6S1Sys5 (VAVS) (G.SW4) cannot get needed
MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

WARNING***
SYSTEM F1S1Sys10 (VAVS) (G.WNW5) has specified SUPPLY-CFM smaller
than the total specified outside air

WARNING***
ZONE F1S1WNW Perim Zn (G.WNW5) in SYSTEM F1S1Sys10 (VAVS) (G.WNW5) cannot get needed
MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

WARNING***

SYSTEM F2S1Sys12 (VAVS) (G.SSE8) has specified SUPPLY-CFM smaller than the total specified outside air

****WARNING*********
 ZONE F2S1SSE Perim Zn (G.SSE8) in SYSTEM F2S1Sys12 (VAVS) (G.SSE8) cannot get needed
 MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

****WARNING*********
 SYSTEM F2S1Sys14 (VAVS) (G.C1) has specified SUPPLY-CFM smaller than the total specified outside air

****WARNING*********
 ZONE F2S1Core Zn (G.C1) in SYSTEM F2S1Sys14 (VAVS) (G.C1) cannot get needed
 MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

****WARNING*********
 SYSTEM F2S1Sys15 (VAVS) (G.C3) has specified SUPPLY-CFM smaller than the total specified outside air

****WARNING*********
 ZONE F2S1Core Zn (G.C3) in SYSTEM F2S1Sys15 (VAVS) (G.C3) cannot get needed
 MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

****WARNING*********
 SYSTEM F1S1Sys22 (VAVS) (G.SW2) has specified SUPPLY-CFM smaller than the total specified outside air

****WARNING*********
 ZONE F1S1SW Perim Zn (G.SW2) in SYSTEM F1S1Sys22 (VAVS) (G.SW2) cannot get needed
 MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

****WARNING*********
 SYSTEM F2S1Sys24 (VAVS) (G.WSW13) has specified SUPPLY-CFM smaller than the total specified outside air

****WARNING*********
 ZONE F2S1WSW Perim Zn (G.WSW13) in SYSTEM F2S1Sys24 (VAVS) (G.WSW13) cannot get needed
 MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

****WARNING*********
 SYSTEM F2S1Sys28 (VAVS) (G.ENE4) has specified SUPPLY-CFM smaller than the total specified outside air

****WARNING*********
 ZONE F2S1ENE Perim Zn (G.ENE4) in SYSTEM F2S1Sys28 (VAVS) (G.ENE4) cannot get needed
 MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

****WARNING*********
 SYSTEM F1S3Sys29 (VAVS) (G.WSW1) has specified SUPPLY-CFM smaller than the total specified outside air

****WARNING*********
 ZONE F1S3WSW Perim Zn (G.WSW1) in SYSTEM F1S3Sys29 (VAVS) (G.WSW1) cannot get needed
 MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

****WARNING*********
 SYSTEM F2S1Sys30 (VAVS) (G.SSE6) has specified SUPPLY-CFM smaller than the total specified outside air

****WARNING*********
 ZONE F2S1SSE Perim Zn (G.SSE6) in SYSTEM F2S1Sys30 (VAVS) (G.SSE6) cannot get needed
 MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

****WARNING*********
 SYSTEM F2S2Sys33 (VAVS) (G.SSE1) has specified SUPPLY-CFM smaller than the total specified outside air

****WARNING*********
 ZONE F2S2SSE Perim Zn (G.SSE1) in SYSTEM F2S2Sys33 (VAVS) (G.SSE1) cannot get needed
 MIN-OA without using ASSIGNED-CFM to raise total ZONE flow

****WARNING*********
 Pump: CHW Loop Pump has a total user-specified flow of 3000. gpm, but the loop flow is 4472. gpm.

****WARNING*********
 Pump: Chlr1 (ElCentHerm) Pump has a total user-specified flow of 1800. gpm, but the loop flow is 2998. gpm.

****WARNING*********
 Pump: Chlr2 (ElCentHerm) Pump has a total user-specified flow of 1800. gpm, but the loop flow is 2998. gpm.

****WARNING*********
 Loop: Hot Water Loop heating capacity is smaller than the secondary demand. Primary= -8370000. Secondary=-16150947.

****WARNING*********
 Pump: Chlr1 (ElCentHerm) Pump cannot match the system flow at the minimum required head.
 Required system flow = 2997.6 gpm at head = 20.0
 Pump balance point = 2681.2 gpm at head of 16.4
 If the pump was sized by default, most likely this is caused by a primary equipment unit operating at greater than its design flow, and causing a pressure drop greater than design. Try increasing the pump head or head ratio to compensate.
 First occurrence is on 1/ 1, hour 1

****WARNING*******
Pump: Chlr2 (ElCentHerm) Pump cannot match the system
flow at the minimum required head.
Required system flow = 2997.6 gpm at head = 20.0
Pump balance point = 2681.2 gpm at head of 16.4
If the pump was sized by default, most likely this
is caused by a primary equipment unit operating at
greater than its design flow, and causing a pressure
drop greater than design. Try increasing the pump
head or head ratio to compensate.
First occurrence is on 1/ 1, hour 1