

VAV Air Handler / Single Zone Air Handler / Fan Coil Unit Microblock Naming Conventions	
Reference Name	Description
chemtreat_chw	chemical treatment command for chilled water valves
chemtreat_h	chemical treatment command for hot water valves
chw_coil_temp	chilled water return temperature sensor (located on cooling coil)
chw_vlv	chilled water control valve command
cond_sw	condensate switch
ea_cfm	exhaust airflow sensor
ea_sc	exhaust air static pressure sensor
ead	exhaust air damper command
fbyp	face/bypass damper command
frzst	freezestat
hum_ctrl	humidifier control valve command
hum_iso	humidifier isolation valve command
hw_vlv	hot water control valve command
loc_sp	local static pressure sensor
mat	mixed air temperature sensor
moad	minimum outside air damper command
oa_cfm	outside airflow sensor
oa_dew	outside air dewpoint (networked value)
oa_vel	outdoor air velocity sensor
oad	outdoor air damper command
oae	outside air enthalpy (networked value)
oah	outdoor air humidity (networked value)
oat	outside air temperature (networked value)
occ	occupancy sensor
pht_sat	preheat coil supply air temperature sensor
ra_cfm	return airflow sensor
ra_smoke	return air smoke detector status
ra_vel	return air velocity sensor
rad	return air damper command
rah	return air humidity sensor
rat	return air temperature sensor
rem_sp	remote static pressure sensor
rfan	return fan start/stop command
rfan_spd	return fan VFD speed command
rfan_sta	return fan status sensor
rfan_vfdflt	return fan vfd fault feedback
sa_cfm	supply airflow sensor
sa_smoke	supply air smoke detector status
sa_vel	supply air velocity sensor
sah	supply air humidity sensor
sat	supply air temperature sensor
sc_hi	high static pressure limit switch
sc_lo	low static pressure limit switch
sfan	supply fan start/stop command
sfan_spd	supply fan VFD speed command

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<i>Reference Name</i>	<i>Description</i>
sfan_sta	supply fan status sensor
sfan_vfdflt	supply fan vfd fault feedback
zone_co2	zone carbon dioxide sensor
zone_temp	zone temperature sensor

<u>VAV Microblock Naming Conventions</u>	
<i>Reference Name</i>	<i>Description</i>
air_flow	airflow microblock
chemtreat_h	chemical treatment command for hot water valves
hw_vlv	hot water control valve command
oat	outside air temperature (networked value)
occ	occupancy sensor
parent_oad	serving unit outdoor air damper feedback (networked value)
parent_sat	serving unit supply air temperature sensor (networked value)
parent_sta	serving unit status (networked value)
per_vlv	perimeter heating control valve command
sat	supply air temperature sensor
zone_co2	zone carbon dioxide sensor
zone_temp	zone temperature sensor

Hot Water System Microblock Naming Conventions	
Reference Name	Description
bldg_oat	building outside air temperature sensor
chem_treatment_hwsy	chemical treatment command for hot water pumps
htx##_13ctrl	heat exchanger 1/3 control valve command
htx##_23ctrl	heat exchanger 2/3 control valve command
htx##_ctrl	heat exchanger control valve command
htx##_iso	heat exchanger isolation valve command
htx##_iso_sta	heat exchanger isolation valve status
hwp##_cmd	hot water pump vfd command
hwp##_ss	hot water pump start/stop command
hwp##_sta	hot water pump status sensor
hwp##_vfd_ft	hot water pump fault feedback
hwr	hot water return temperature sensor
hwt	hot water supply temperature sensor
loc_dp	local differential pressure sensor
oat	outside air temperature (networked value)
rem_dp	remote differential pressure sensor
stm_vlv_fail	steam valve fail status

Chilled Water System Microblock Naming Conventions	
Reference Name	Description
bldg_chwr_t2	building chilled water return temperature sensor
bldg_chws_t3	building chilled water supply temperature sensor
bldg_dis_p3	building pump discharge pressure
bldg_suc_p2	building pump suction pressure
camp_chws_t1	campus chilled water supply temperature sensor
camp_ret_p1	campus chilled water return pressure
chem_treatment_chwsy	chemical treatment command for chilled water pumps
choke_chwv1	choke valve command
choke_chwv1_fbk	choke valve feedback
chw_gpm	chilled water flow sensor
chw_rem_dp2	chilled water remote differential pressure sensor
chwp##_cmd	chilled water pump vfd speed command
chwp##_ss	chilled water pump start/stop command
chwp##_sta	chilled water pump status sensor
chwp##_vfd_fit	chilled water pump vfd fault feedback
htx_chwp_dis_p5	heat exchanger chilled water pump discharge pressure sensor
htx_chwp_suc_p4	heat exchanger chilled water pump suction pressure sensor
htx_chwr_t5	heat exchanger return water temperature sensor
htx_chws_t4	heat exchanger supply water temperature sensor
iso_chwv2	chilled water isolation valve command
iso_chwv2_closed	chilled water isolation valve closed status
iso_chwv2_open	chilled water isolation valve open status
oae	outside air enthalpy (networked value)
oah	outdoor air humidity (networked value)
oat	outside air temperature (networked value)