

## REVIT PARAMETER SKYSTAR

<b>ELECTRICAL</b>	
A_EL	Absorbed current by the motor
Electric Battery	Supplementary electric heater
Peb	Electric heater emission
Pec	Power input
V	Supply voltage
<b>MECHANICAL</b>	
Electrostatic Filter	Supplied with electrostatic filter
Lw	Sound Power Level
TBS_Summer	Summer dry bulb room temperature
UR_Summer (%)	Summer room Relative Humidity
TBS_Invernale	Winter dry bulb room temperature
TAH	Heating supply air temperature
TC_IN	Chilled Water Inlet Temperature
TC_OUT	Chilled water outlet temperature
TC_OUT eff.	Chilled water outlet actual temperature
TH_IN	Hot water Inlet Temperature
TH_OUT	Hot water outlet temperature
TH_OUT eff.	Hot water outlet actual temperature
Fan Speed	Selected fan speed by selector
Air throw	If selected, allows the view of the Air Throw
<b>MECHANICAL-AIRFLOW</b>	
Dpc	EUROVENT Dpc = Water pressure drop in cooling
Dph	EUROVENT Dph = Water pressure drop in heating
L	Maximum airflow throwing
Nominal FlowRate	Nominal water flow rate
Qcond	Condensate maximum flow rate
Qpa	Fresh air flow rate
Qv	Fan air flow rate
Qwc	Chilled Water flow rate
Qwh	Hot water flow rate
<b>MECHANICAL-LOADS</b>	
Sizing	Model selection depending on requested power
Pc	Cooling total capacity
Pc_Nom	Cooling total capacity at nominal conditions
Pc_Prog	Cooling total capacity at design conditions
Ph	Heating capacity
Ph_Nom	Heating capacity at nominal conditions
Ph_Prog	Heating capacity at design conditions
Ps	Cooling sensible capacity
Ps_Nom	Cooling sensible capacity at nominal conditions
Ps_Prog	Cooling sensible capacity at design conditions
R	Total to sensible cooling capacity ratio
Ks	Sensible capacity correction factor
Kt	Total capacity correction factor

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### **DIMENSIONS**

BVc	Cooling coil water content
A	Fan coil width
BVh	Heating coil water content
side machine	Determine the size of unit side
S	Fan coil body smooth lenght
D_QC_IN	Coil inlet connection diameter
D_Q_C_OUT	Coil outlet connection diameter
D_V_IN	Spigot diameter

### **OTHER**

4Pipes	If selected indicates the presence of two battery
NominalConditionSummer	Nominal Condition in Summer
NominalConditionWinter	Nominal Condition in Winter
DPA	Dew-point
Dim_c	Rating sizing to sensible cooling capacity ratio
Dim_h	Rating sizing to heating capacity ratio
Dpc_Nom	Cooling coil water pressure drop at nominal conditions
Dph_Nom	Heating coil water pressure drop at nominal conditions
DtInv	Water differential temperature average in winter, Heating coil
DtInv_NOM	Water differential temperature average nominal in Heating
FcDpc	Correction factor of chilled water pressure drop as a function of the average temperature
FcDph	Correction factor of the hot water pressure drop as a function of the average temperature
FcUR	Factor of "R ratio" as a function of the room relative humidity
Ks1	Intermediate calculation value
Ks2	Intermediate calculation value
Ks25	Intermediate calculation value
Ks26	Intermediate calculation value
Ks27	Intermediate calculation value
Ks28	Intermediate calculation value
Kt1	Intermediate calculation value
Kt2	Intermediate calculation value
Kt25	Intermediate calculation value
Kt26	Intermediate calculation value
Kt27	Intermediate calculation value
Kt28	Intermediate calculation value
PI	Latent cooling capacity
Qwc_Nom	Chilled water flow rate at nominal conditions
Qwh_Nom	Hot water flow rate under nominal conditions
TAH_NOM	Nominal supply air temperature in winter
THIN_def	Default value of the air intake temperature at the heating coil
Ta	Intermediate calculation value
Ta1	Intermediate calculation value
Ta2	Intermediate calculation value
cpa	Specific heat of air
cph	Specific heat of water
rho_a	Air density
rho_h	Density of water
x	Number value corresponding to DPA, in Kelvin
xEst	Number value corresponding to the average temperature of cooling water, in Kelvin
xInv	Number value corresponding to the average temperature of heating water, in Kelvin
x_BS	Value used to convert a temperature in a number