

Function List
Steam95 Excel Add-In v2.1

	Function Name SI Units	Function Name English Units	Input Argument 1	Input Argument 2	Input Argument 3	Valid in region
1.	SciSatPXsi	SciSatPXe	p	x	propertyID	saturation
2.	SciSatTXsi	SciSatTXe	t	x	propertyID	saturation
3.	SciSteamPTsi	SciSteamPTE	p	t	propertyID	all
4.	SciSteamPHsi	SciSteamPHe	p	h	propertyID	all
5.	SciSteamPSsi	SciSteamPSe	p	s	propertyID	all
6.	SciSteamPUsi	SciSteamPUE	p	u	propertyID	all
7.	SciSteamPVsi	SciSteamPVe	p	v	propertyID	all
8.	SciSteamTHsi	SciSteamTHE	t	h	propertyID	all
9.	SciSteamTSsi	SciSteamTSe	t	s	propertyID	all
10.	SciSteamTUsi	SciSteamTUE	t	u	propertyID	all
11.	SciSteamTVsi	SciSteamTVE	t	v	propertyID	all

Helper functions

	Function Name SI Units	Function Name English Units	Input Argument 1	Input Argument 2	Valid in region
12.	SciSatPressureSI	SciSatPressureE	t	-	saturation
13.	SciSatTemperatureSI	SciSatTemperatureE	p	-	saturation
14.	Steam95MeltPressureSI	Steam95MeltPressureE	t	p	melting
15.	Steam95MeltTemperatureSI	Steam95MeltTemperatureE	p	-	melting
16.	Steam95SubPressureSI	Steam95SubPressureE	t	-	sublimation
17.	Steam95SubTemperatureSI	Steam95SubTemperatureE	p	-	sublimation
18.	Steam95ConstantSI	Steam95ConstantE	constantID	-	all

Legend:

- p - pressure
- t – temperature
- h – specific enthalpy
- s – specific entropy
- u – specific internal energy
- v – specific volume
- x – steam quality (dryness)

propertyID – see PropertyList9597.pdf

constantID – see PropertyList9597.pdf

Function List

Steam97 Excel Add-In v2.1

	Function Name SI Units	Function Name English Units	Input Argument 1	Input Argument 2	Input Argument 3	Valid in region
1.	SatPXsi	SatPXe	p	x	propertyID	saturation
2.	SatTXsi	SatTXe	t	x	propertyID	saturation
3.	SteamPTsi	SteamPTE	p	t	propertyID	all
4.	SteamPHsi	SteamPHe	p	h	propertyID	all
5.	SteamPSsi	SteamPSe	p	s	propertyID	all
6.	SteamPUsi	SteamPUe	p	u	propertyID	all
7.	SteamPVsi	SteamPVe	p	v	propertyID	all
8.	SteamTHsi	SteamTHE	t	h	propertyID	all
9.	SteamTSSi	SteamTSe	t	s	propertyID	all
10.	SteamTUSi	SteamTUE	t	u	propertyID	all
11.	SteamTVsi	SteamTVE	t	v	propertyID	all
12.	SteamHSsi	SteamHSe	h	s	propertyID	all
13.	SteamHVsi	SteamHVe	h	v	propertyID	all
14.	SteamUSsi	SteamUSE	u	s	propertyID	all
15.	SteamUVsi	SteamUVE	u	v	propertyID	all
16.	SteamVSSi	SteamVSe	v	s	propertyID	all

Helper functions

	Function Name SI Units	Function Name English Units	Input Argument 1	Valid in region
17.	SatPressureSI	SatPressureE	t	saturation
18.	SatTemperatureSI	SatTemperatureE	p	saturation
19.	Steam97ConstantSI	Steam97ConstantE	constantID	all

Legend:

p - pressure
t – temperature
h – specific enthalpy
s – specific entropy
u – specific internal energy
v – specific volume
x – steam quality (dryness)

propertyID – see PropertyList9597.pdf
constantID – see PropertyList9597.pdf