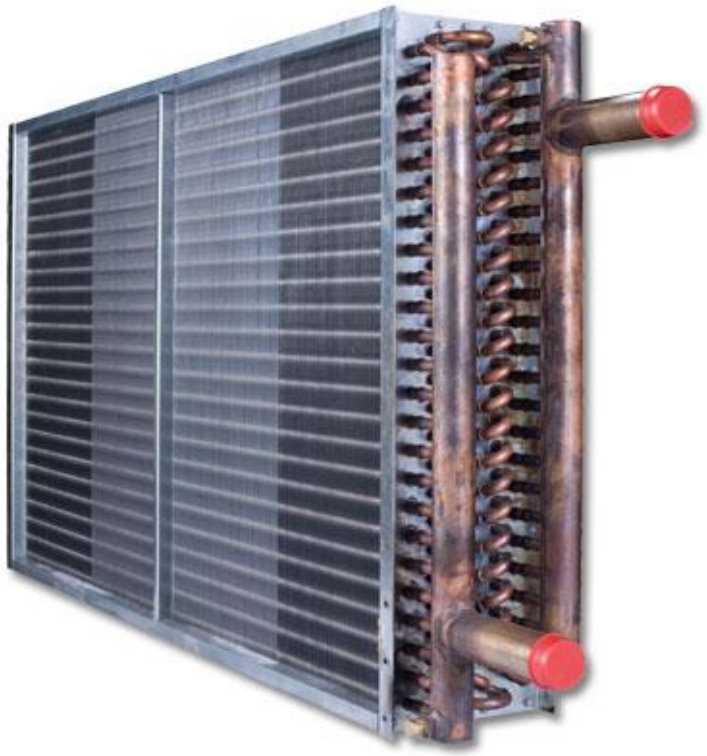
USER MANUAL FOR COIL SOFTWARE

Applied Engineering Solutions

sales@applied-eng.com

info@applied-eng.com

www.applied-eng.com

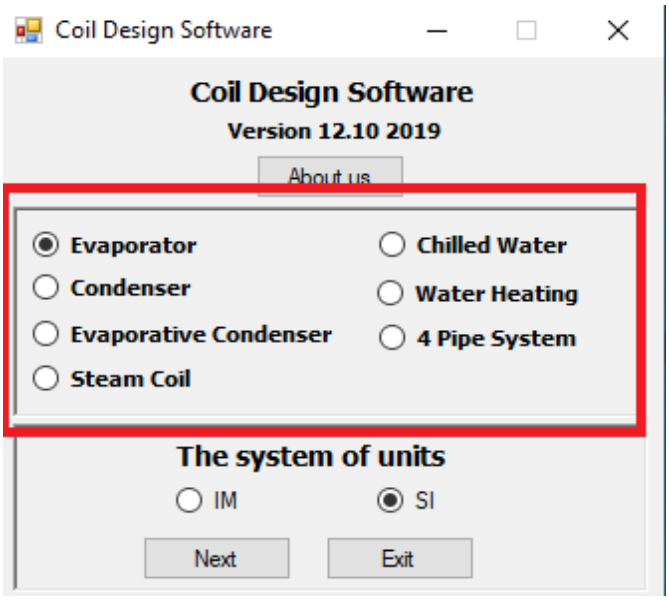


Index

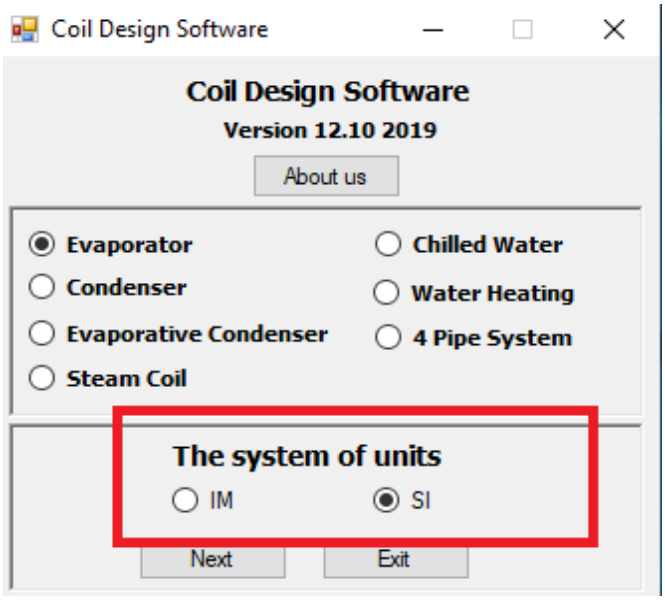
	Page No.
Seven applications with Chilled water, Water heating, Evaporator, Condenser, Evaporative Condenser, Four Pipe systems and Steam Coil	4
SI & Imp measurement	4
Chilled Water input/output data and coil configuration	5
Coil Configuration Coding	5
Multi tube size	6
Outer and Inner tube sizes based on selected selected pipe size and the user can change the inner tube size if needed	6
On Coil temeprature DB/WB or DB and RH	7
Water in/out or Water in , water flow	7
Altitude from sea level	8
To Specify the required air flow through the Coil	8
Multi Fluids	9
To specify Coil length and width. Coil pitches, vertical and horizontal will be specified accordong to the pipe size	9
To select circuit type or number of ciruits	10
To select Fins material	10
To select Fins type	11
To specify Fin thickness	11
To specify number of fins	12
To specify tube material	12
To specify tube shape	13
To specify number of rows	13
Press calculate to have output complete details	14
Save and Retrieve data	14

Print a report under your logo	15
To explore autoCAD drawing with complete coil details	15
Pricing sheet of the Coil	16
Psychrometric chart	16
Coil Circuiting Drawing	17
Evaporator Coil with a lot of refrigerants	18
Condenser Coil with a lot of refrigerants	19
Evaporative Condenser	20
Water Heating Coil	21
Four Pipe system (cooling and heating coils)	21
Steam Coil	22

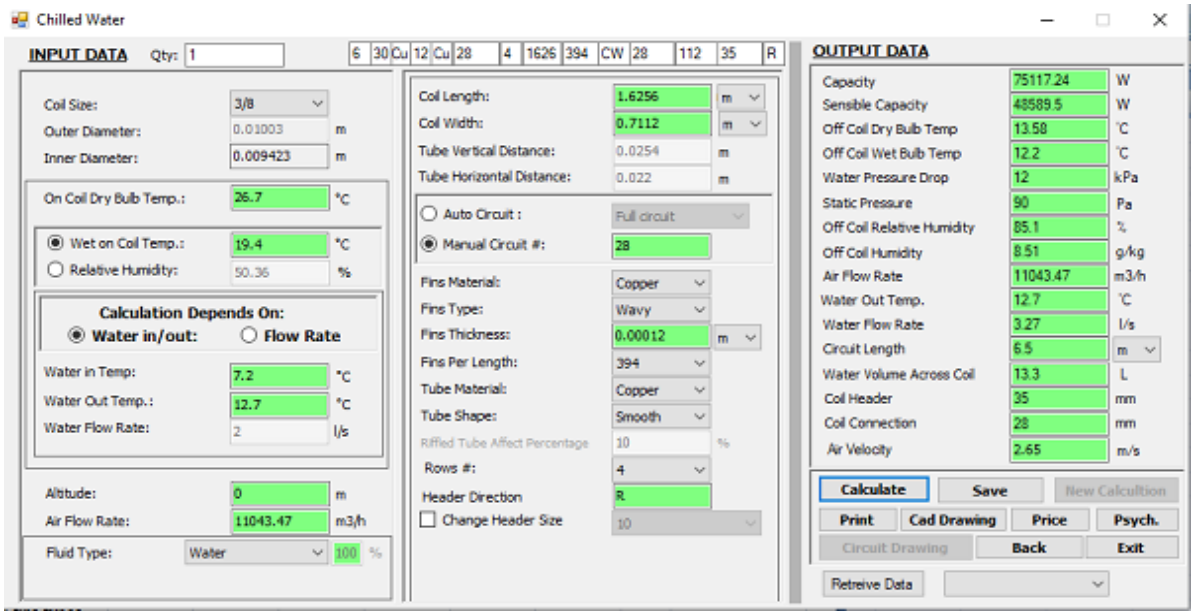
Seven applications with Chilled water, Water heating, Evaporator, Condenser, Evaporative Condenser, Four Pipe systems and Steam Coil



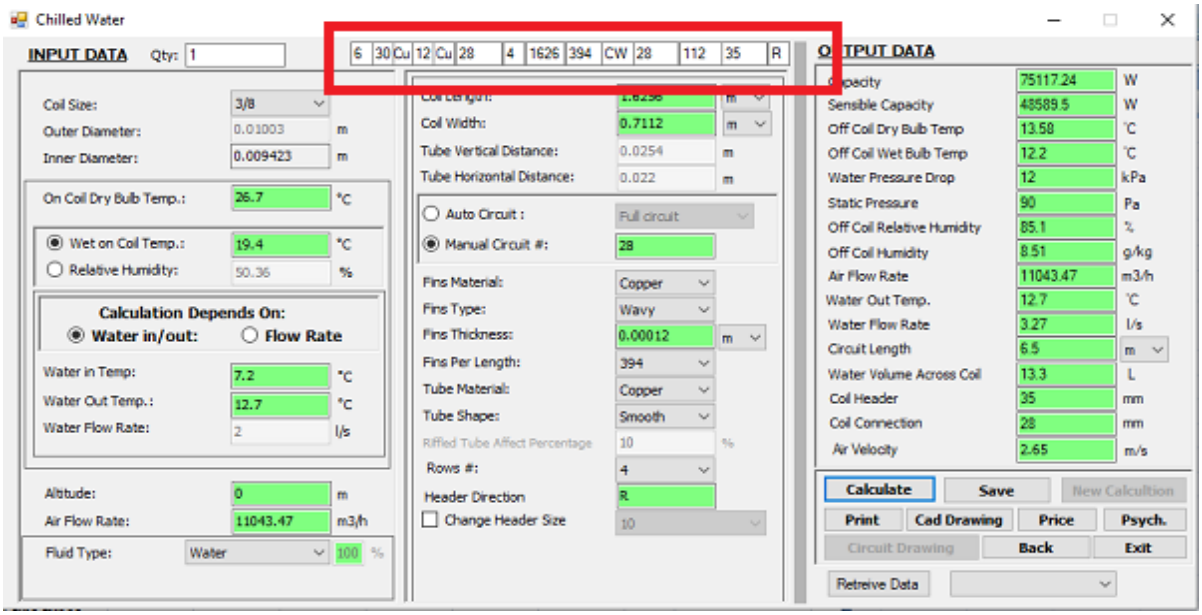
SI & Imp measurement



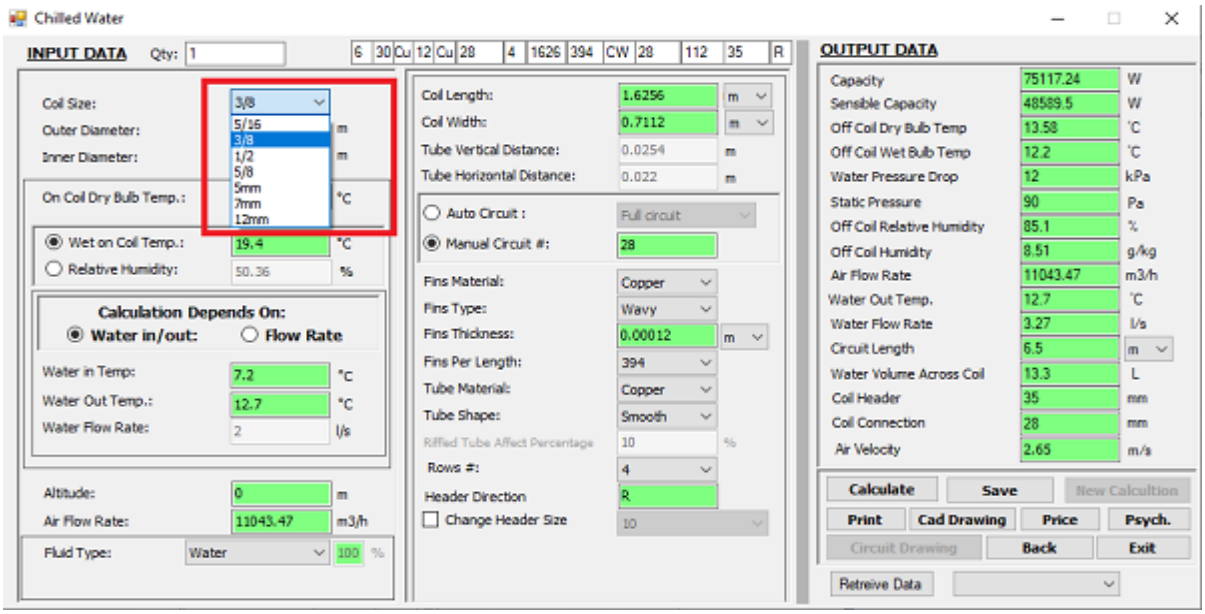
Chilled Water input/output data and coil configuration



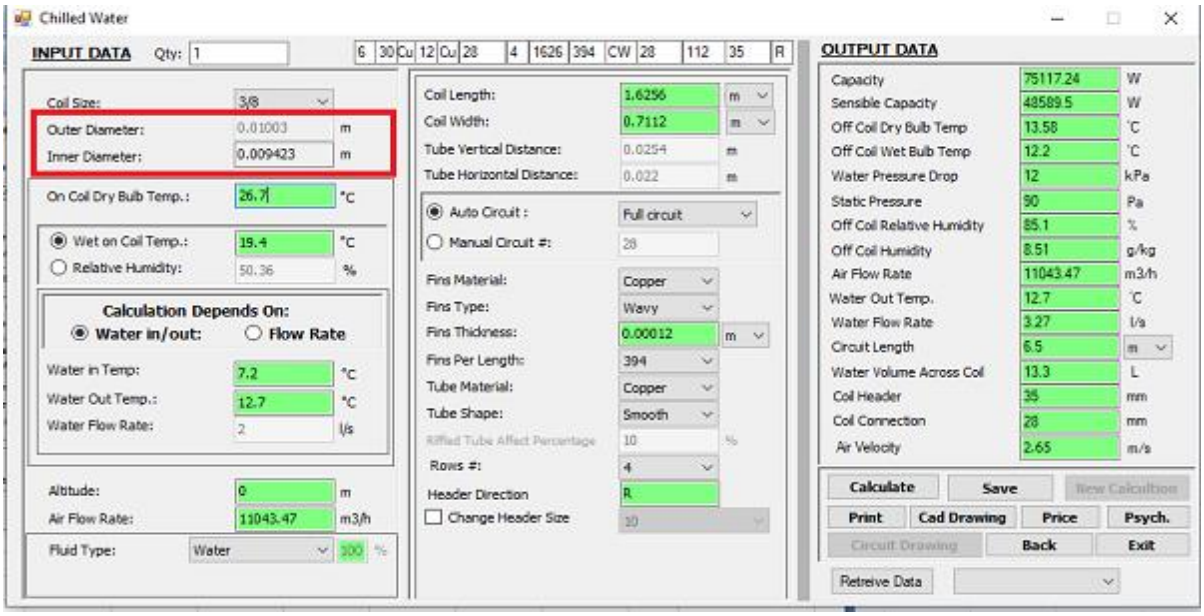
Coil Configuration Coding



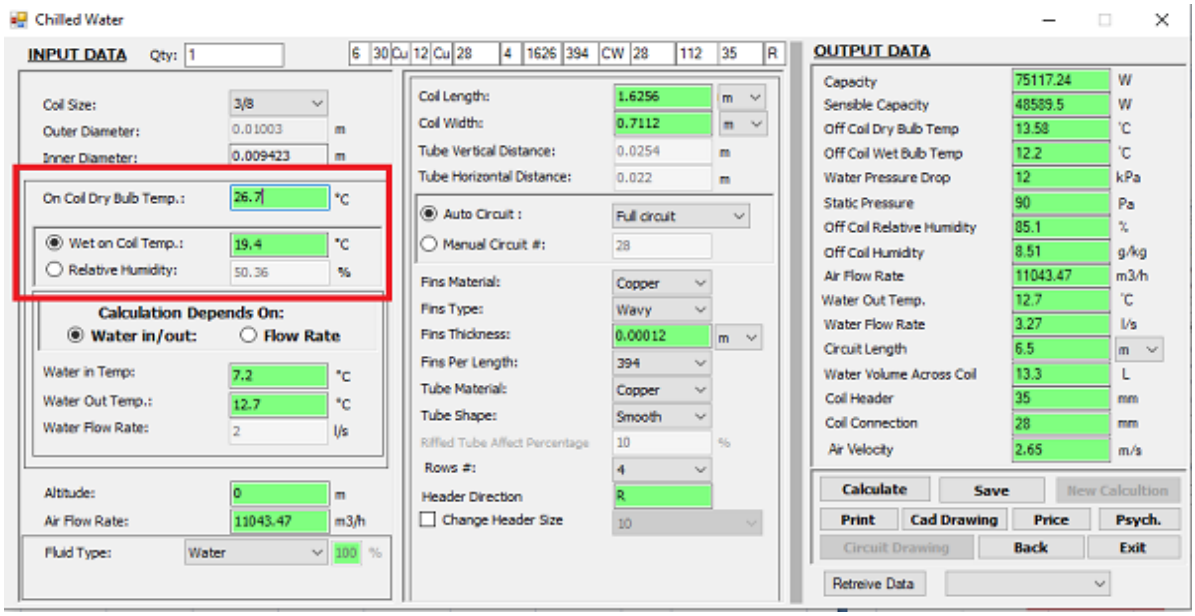
Multi tube size



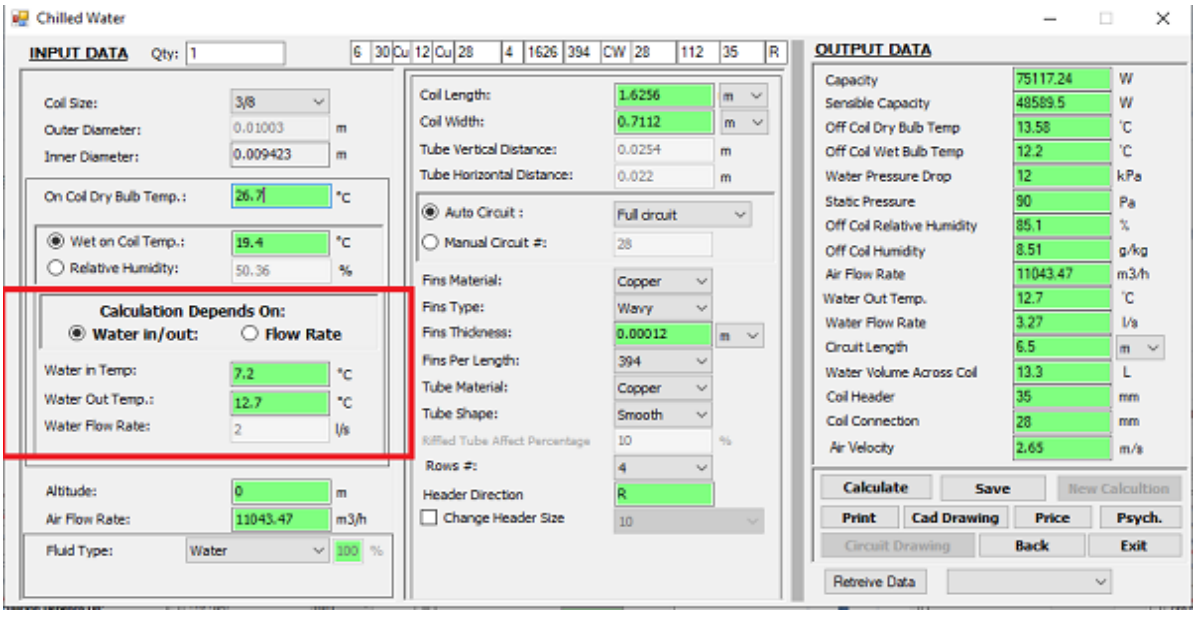
Outer and Inner tube sizes based on selected selected pipe size and the user can change the inner tube size if needed



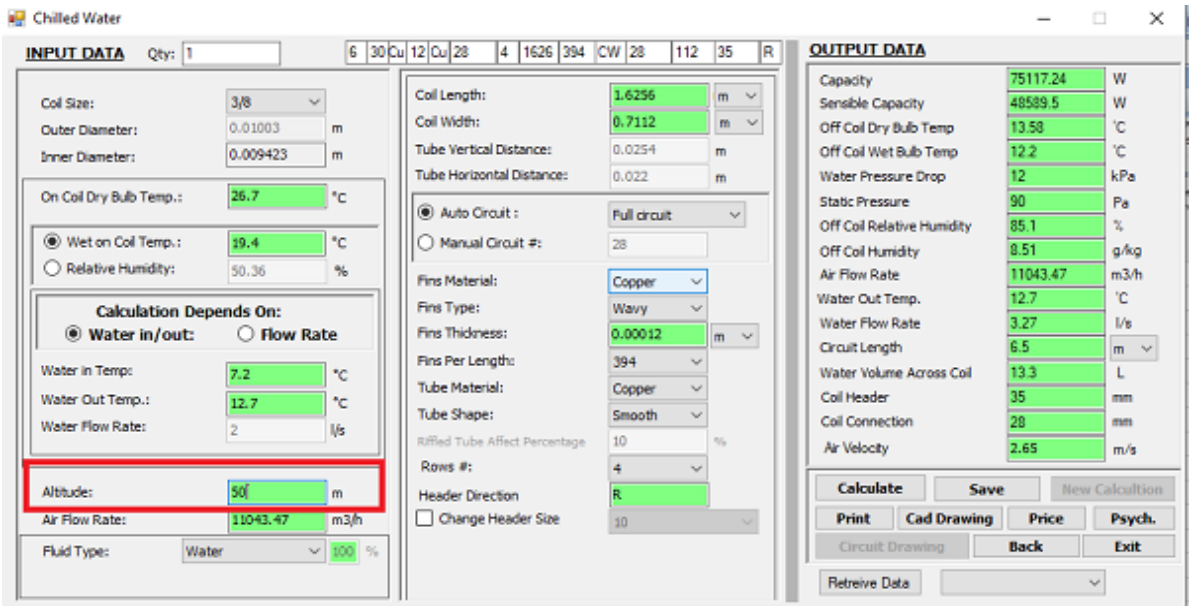
On Coil temeprature DB/WB or DB and RH



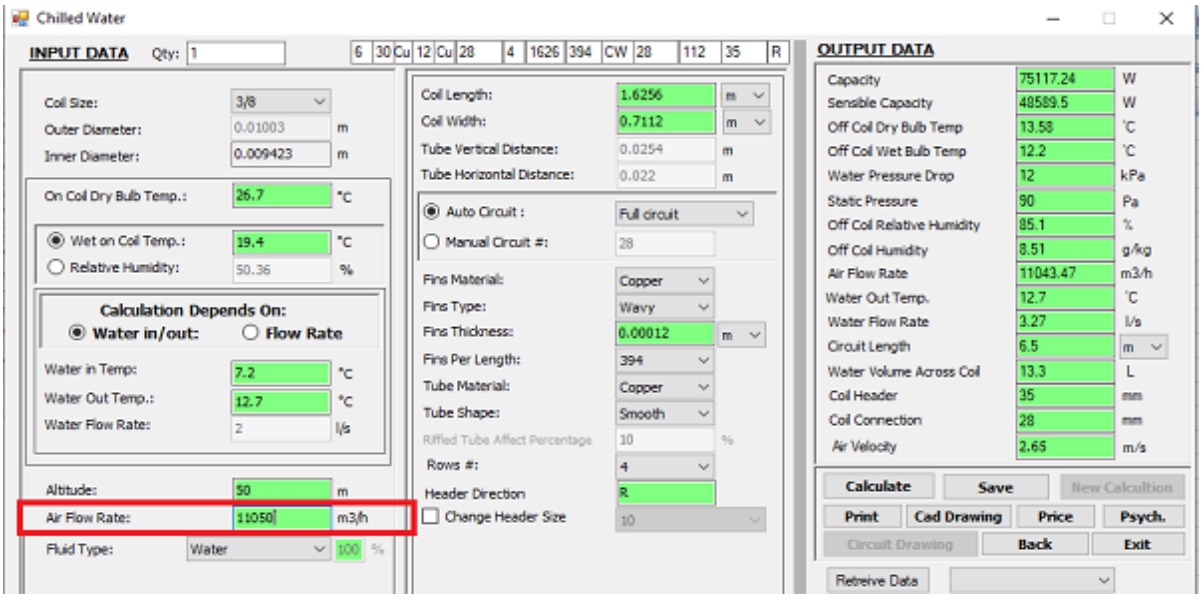
Water in/out or Water in , water flow



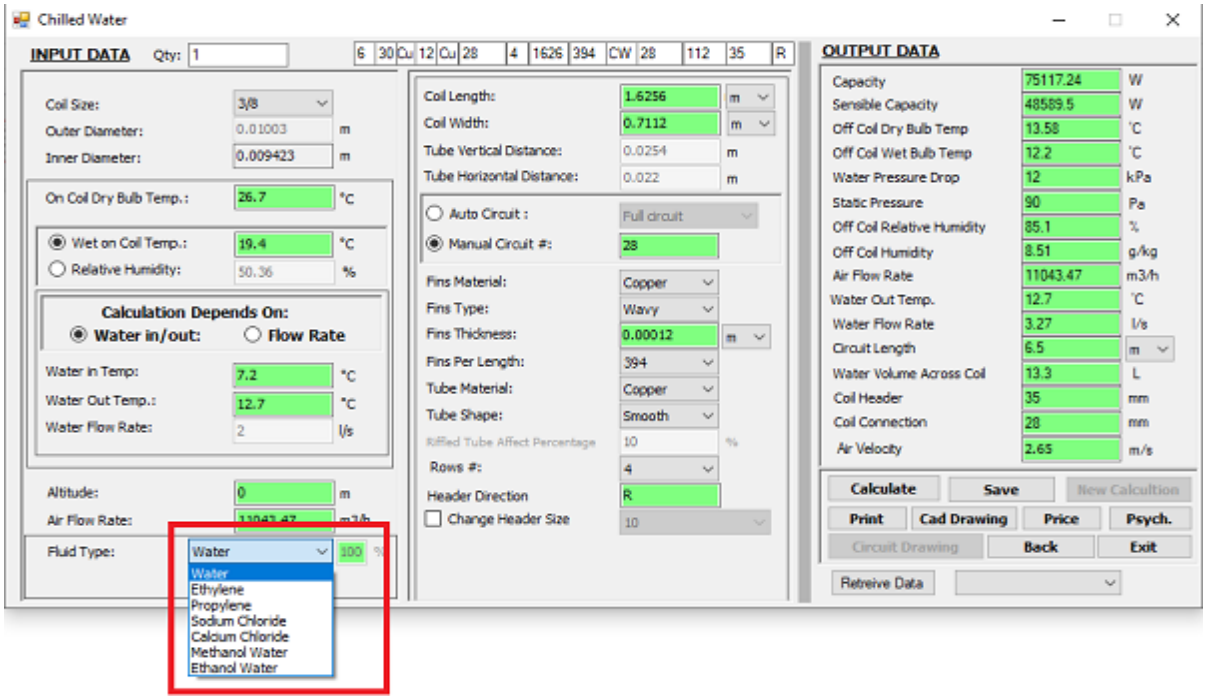
Altitude from sea level



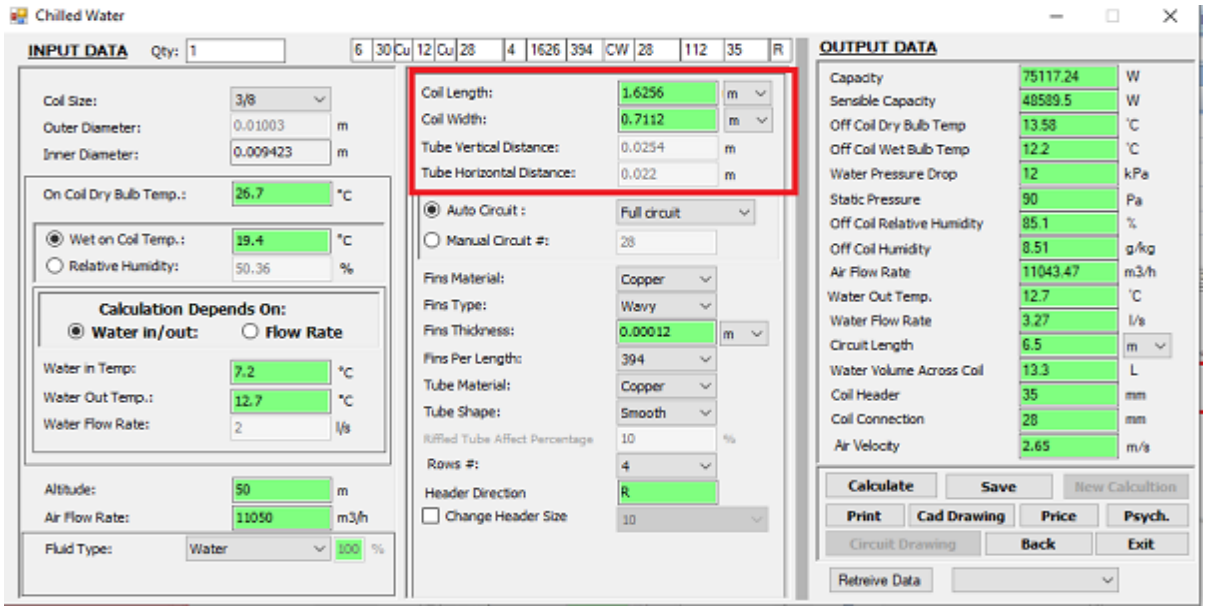
To Specify the required air flow through the Coil



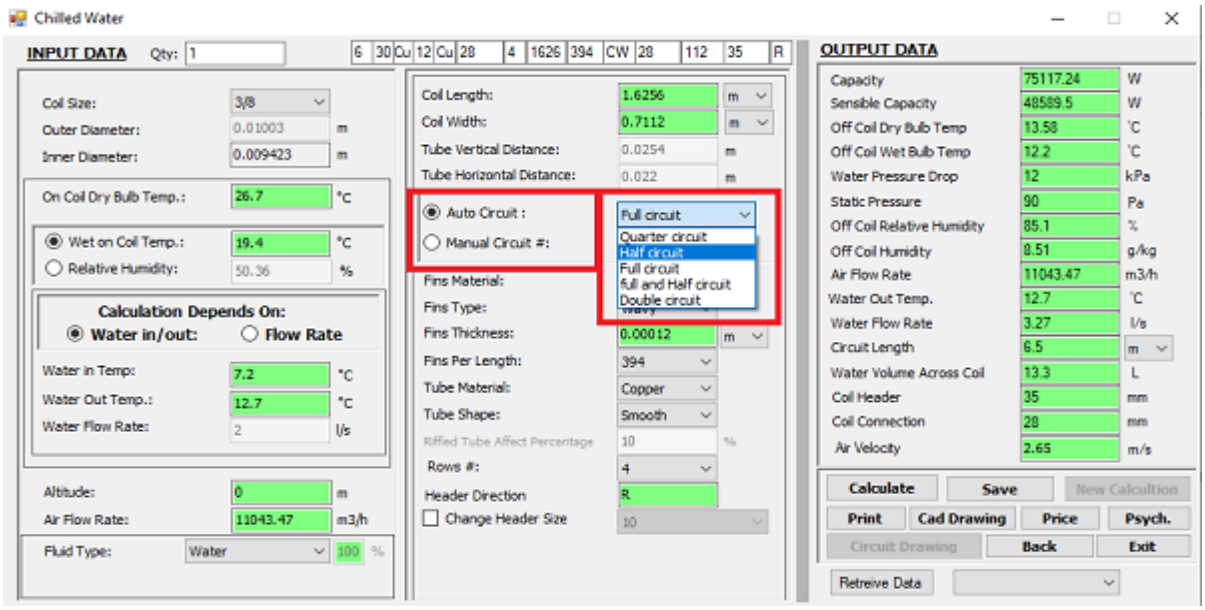
Multi Fluids



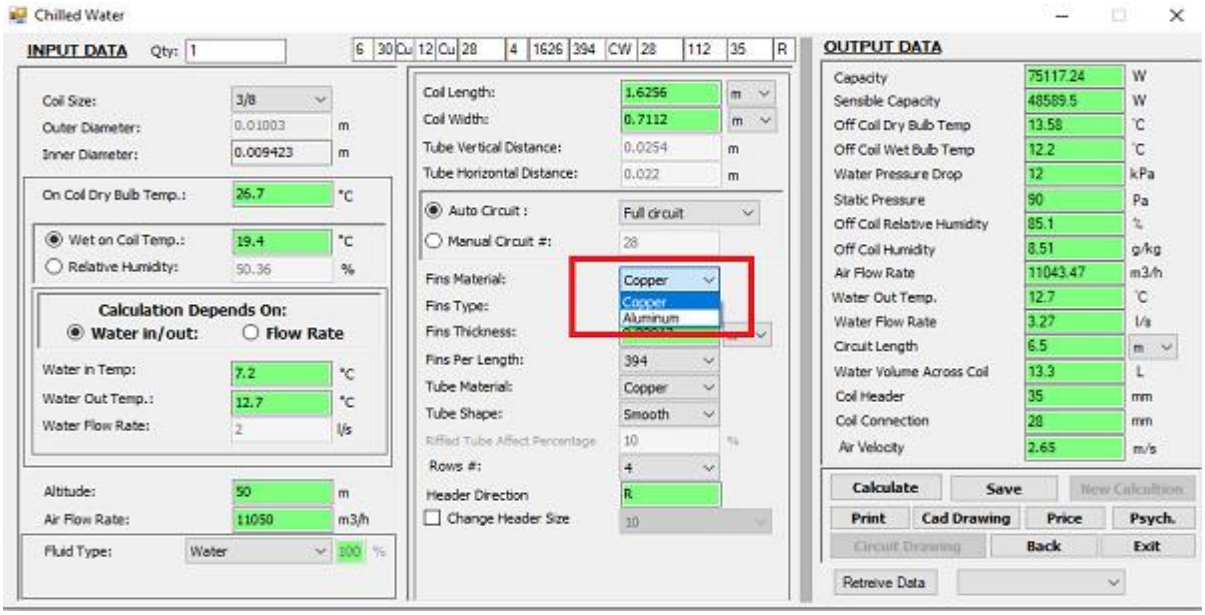
To specify Coil length and width. Coil pitches, vertical and horizontal will be specified accordong to the pipe size



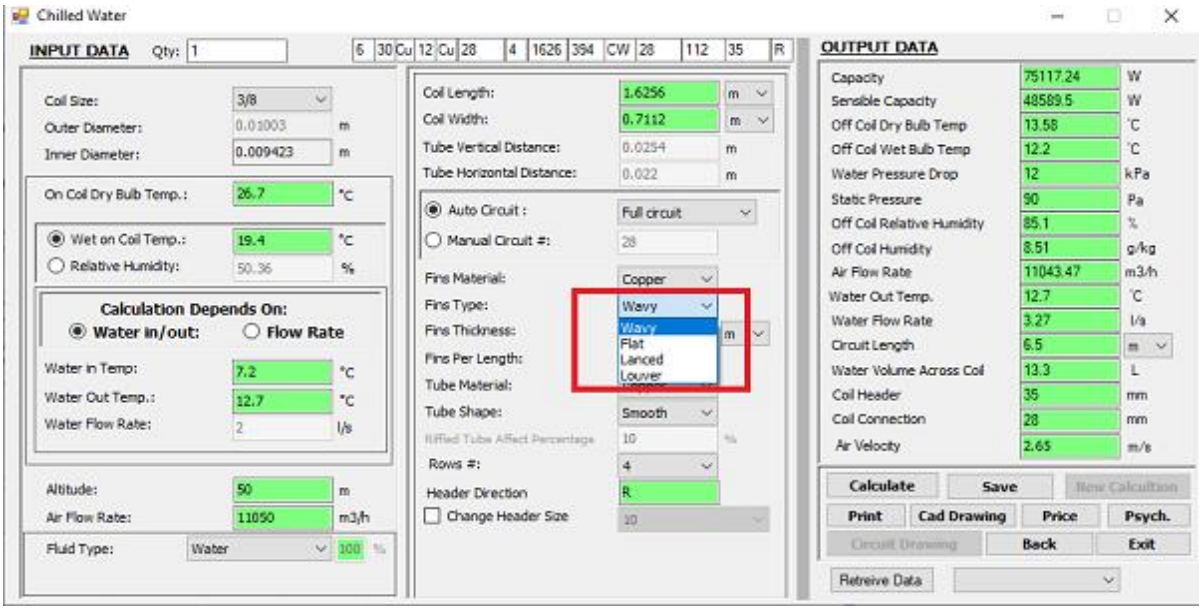
To select circuit type or number of ciruits



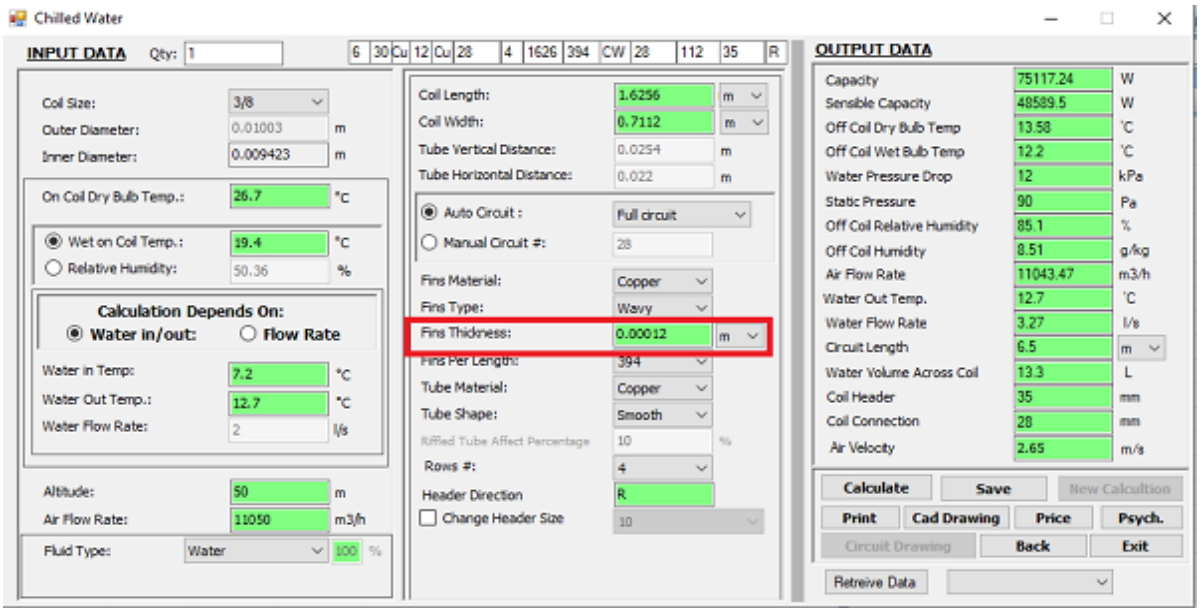
To select Fins material



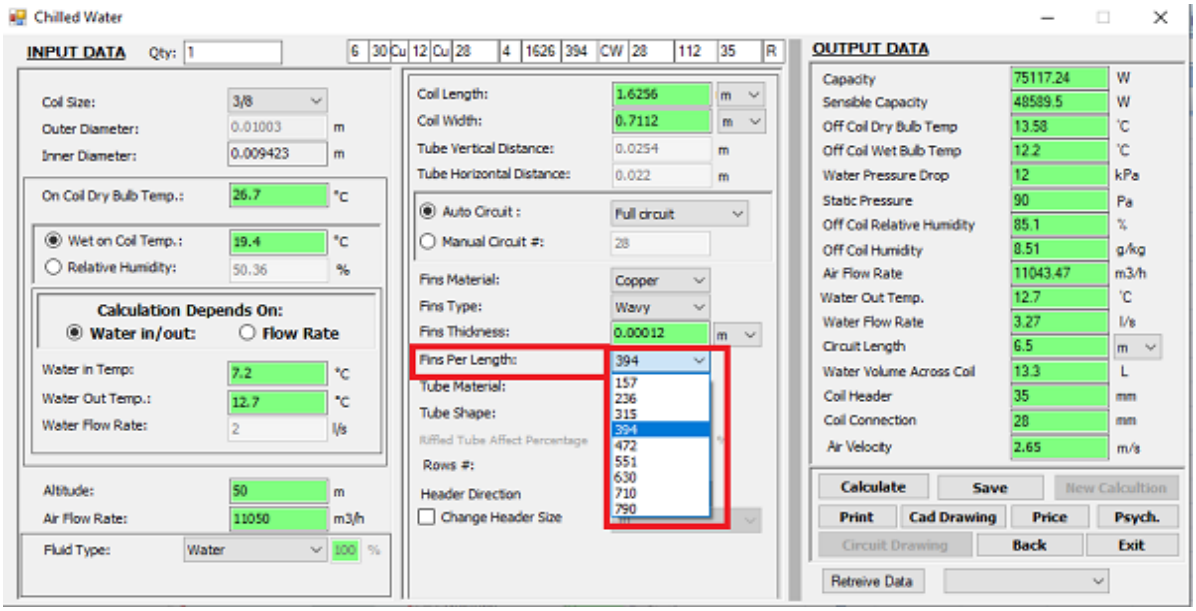
To select Fins type



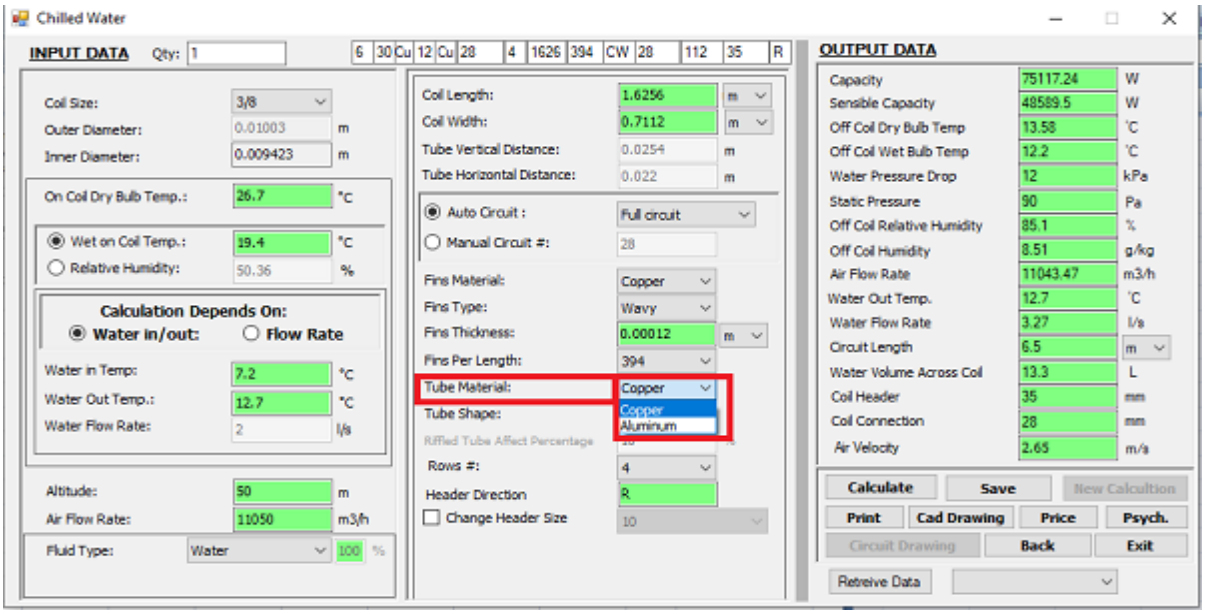
To specify Fin thickness



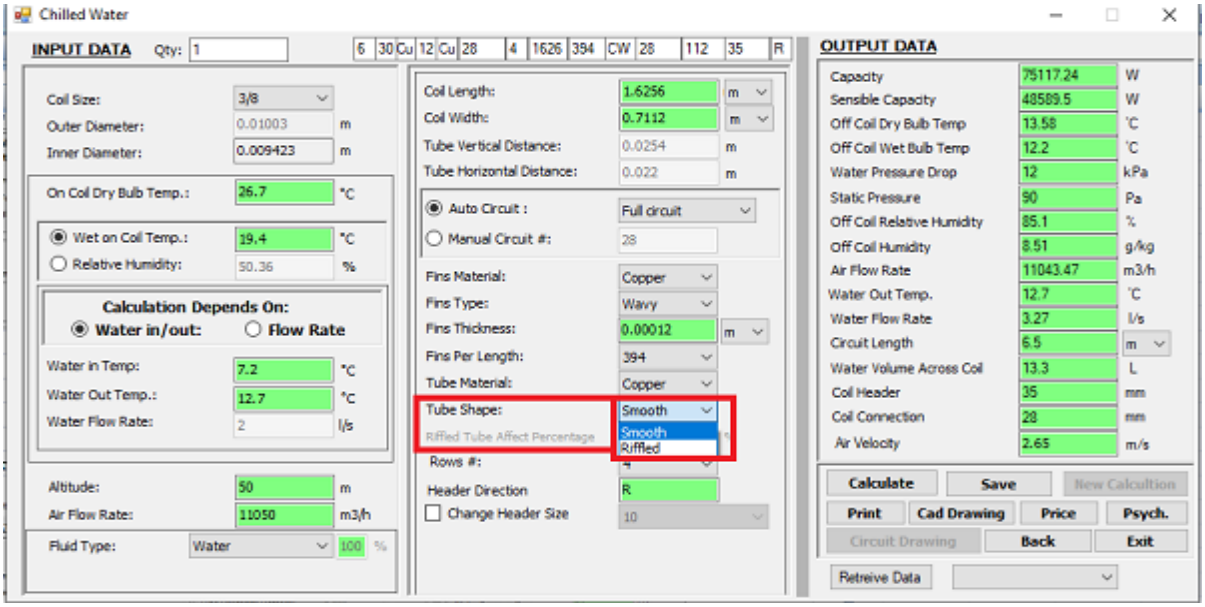
To specify number of fins



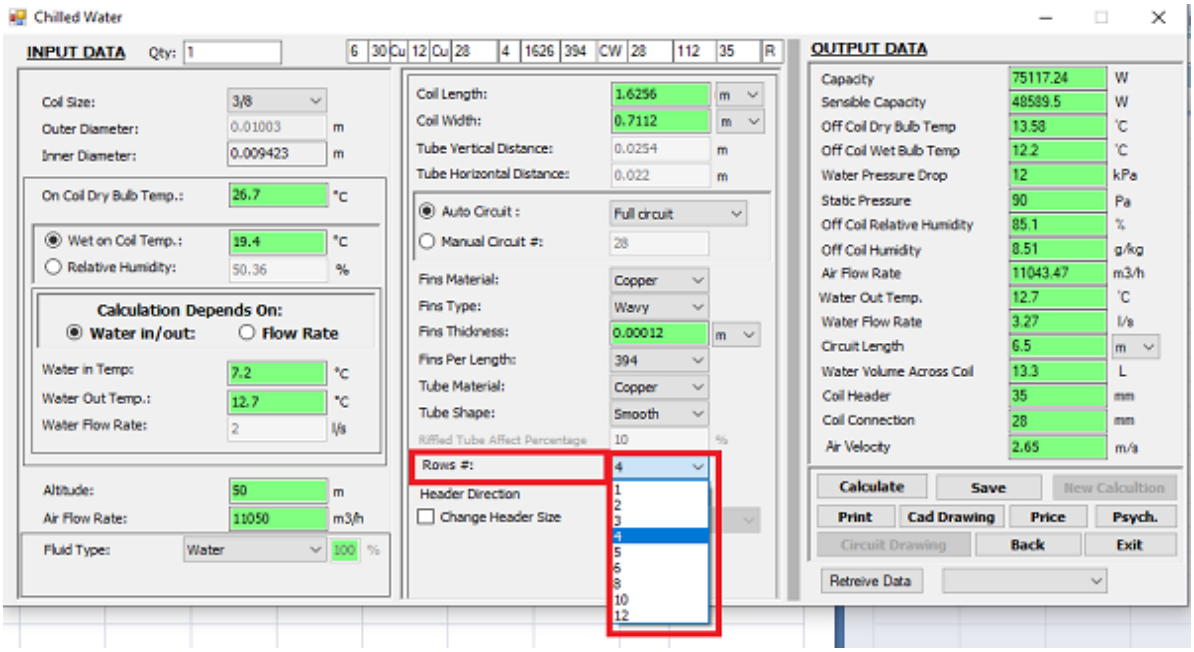
To Specify tube material



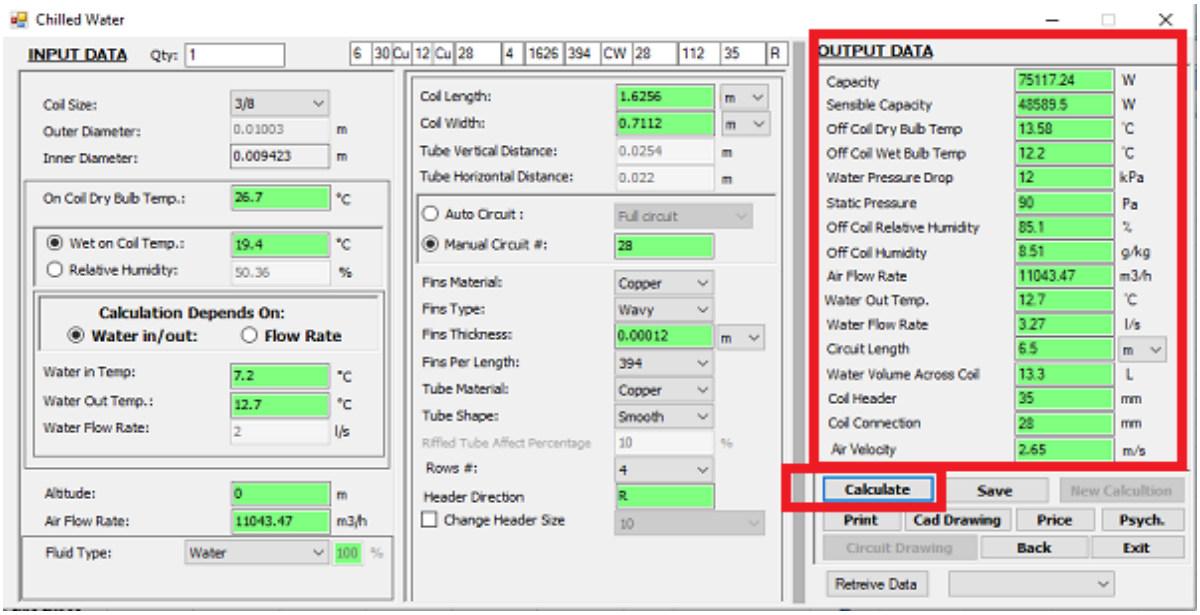
To specify tube shape



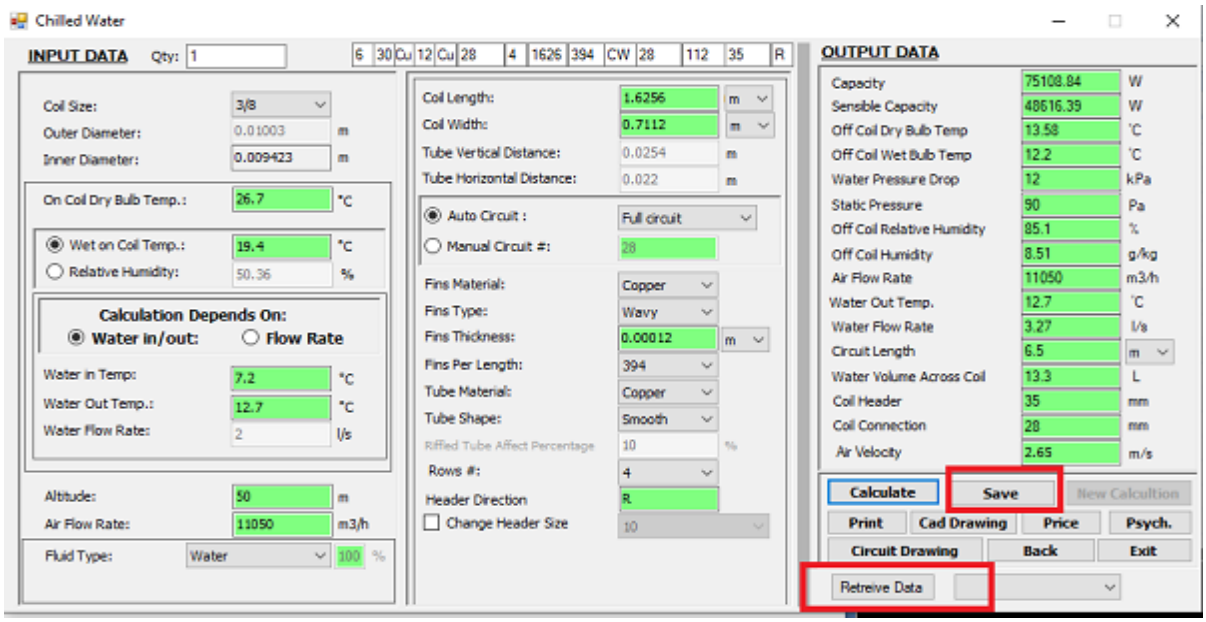
To specify number of rows



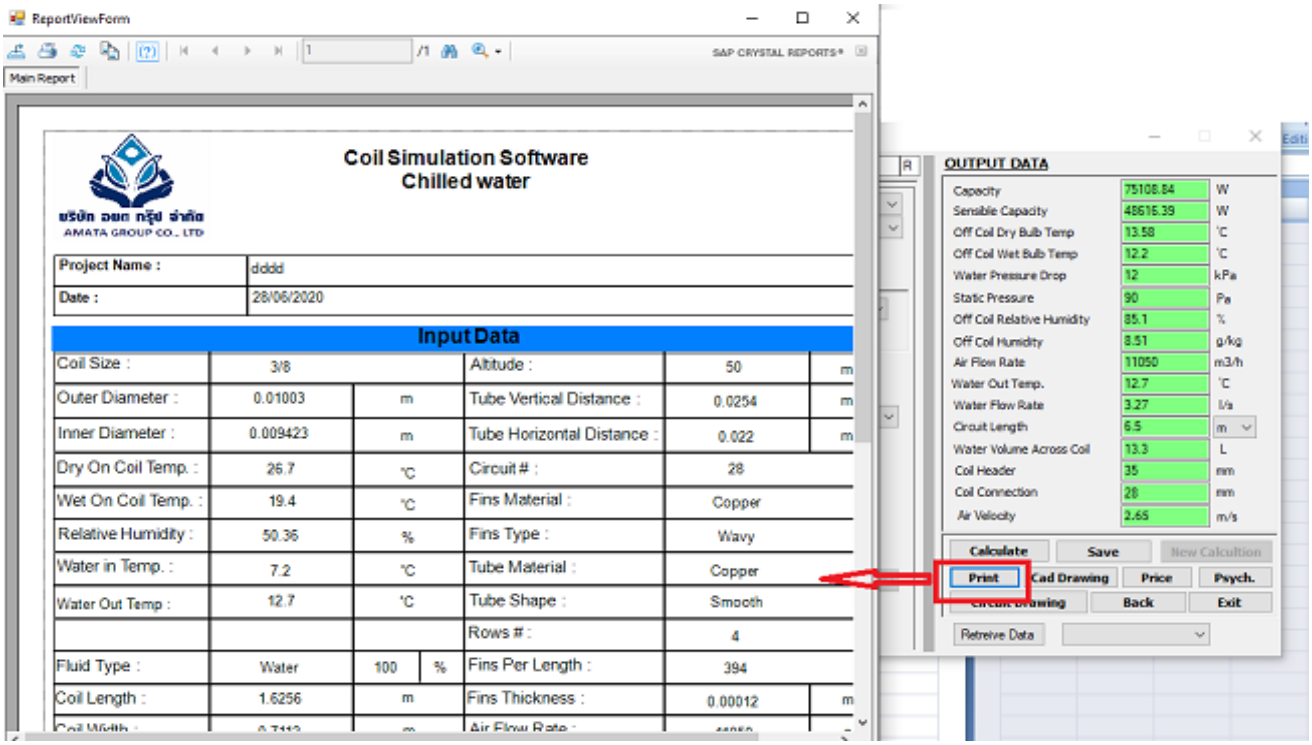
Press calculate to have output complete details



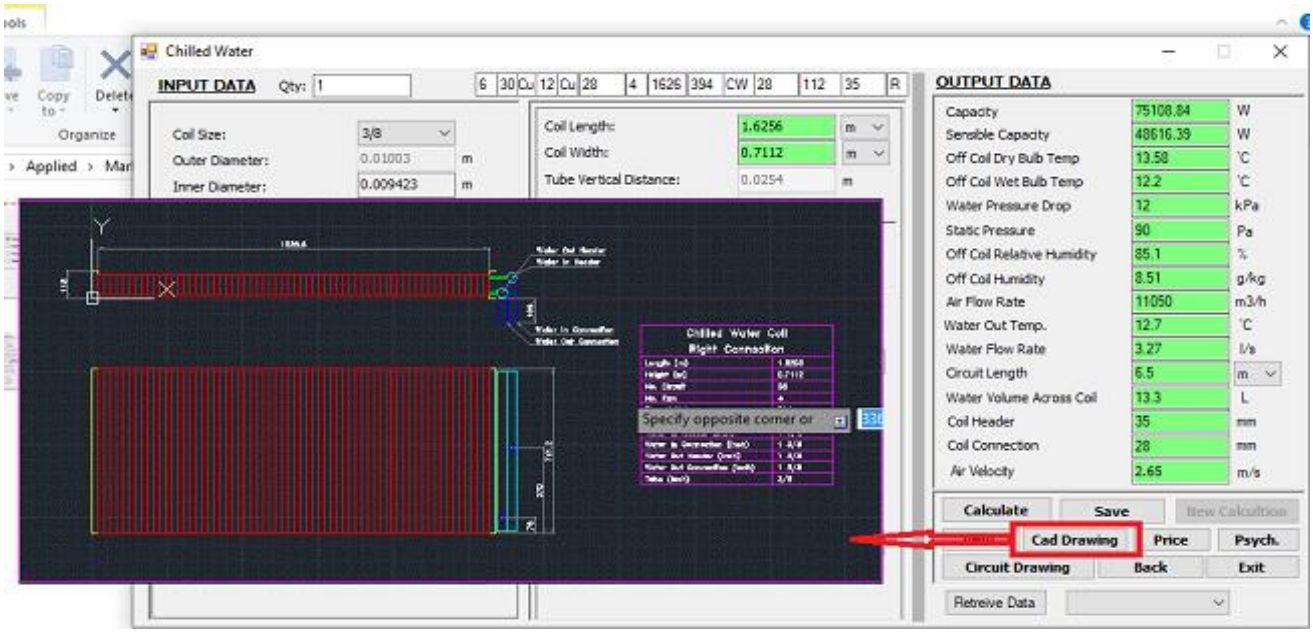
Save and Retrieve data



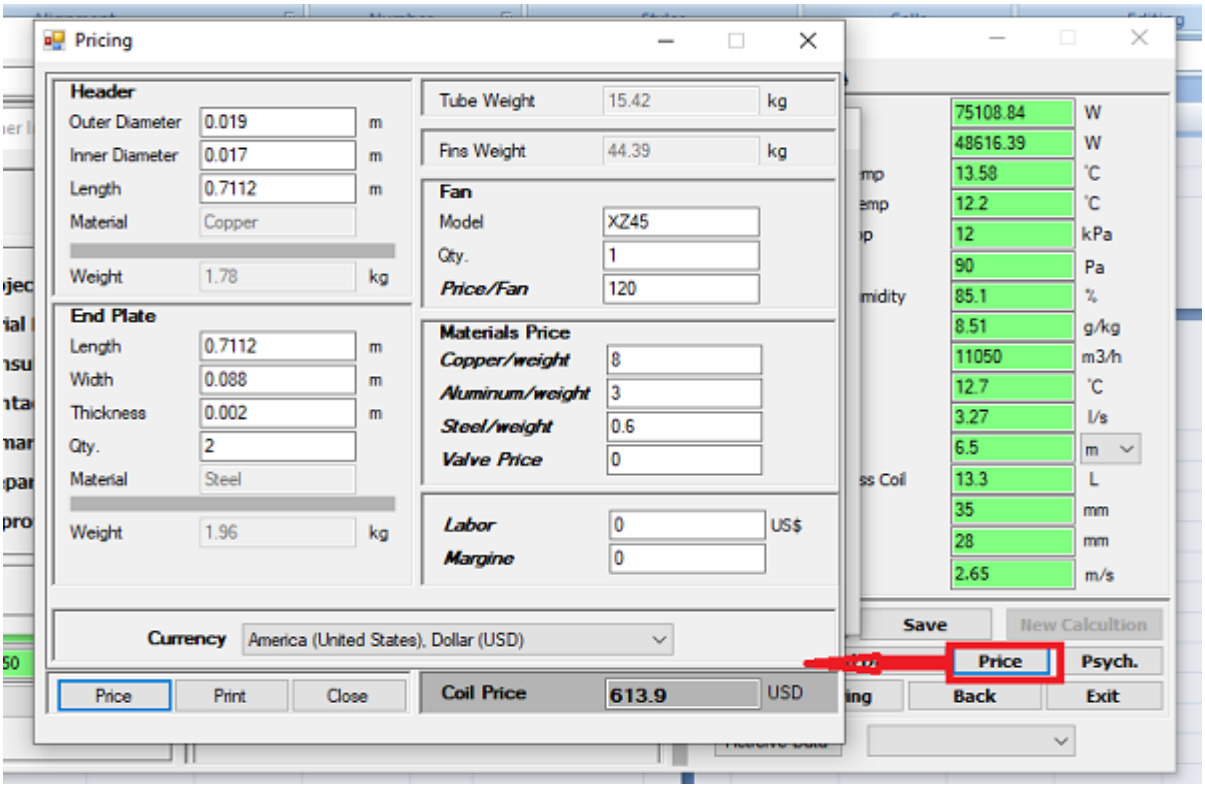
Print a report under your logo



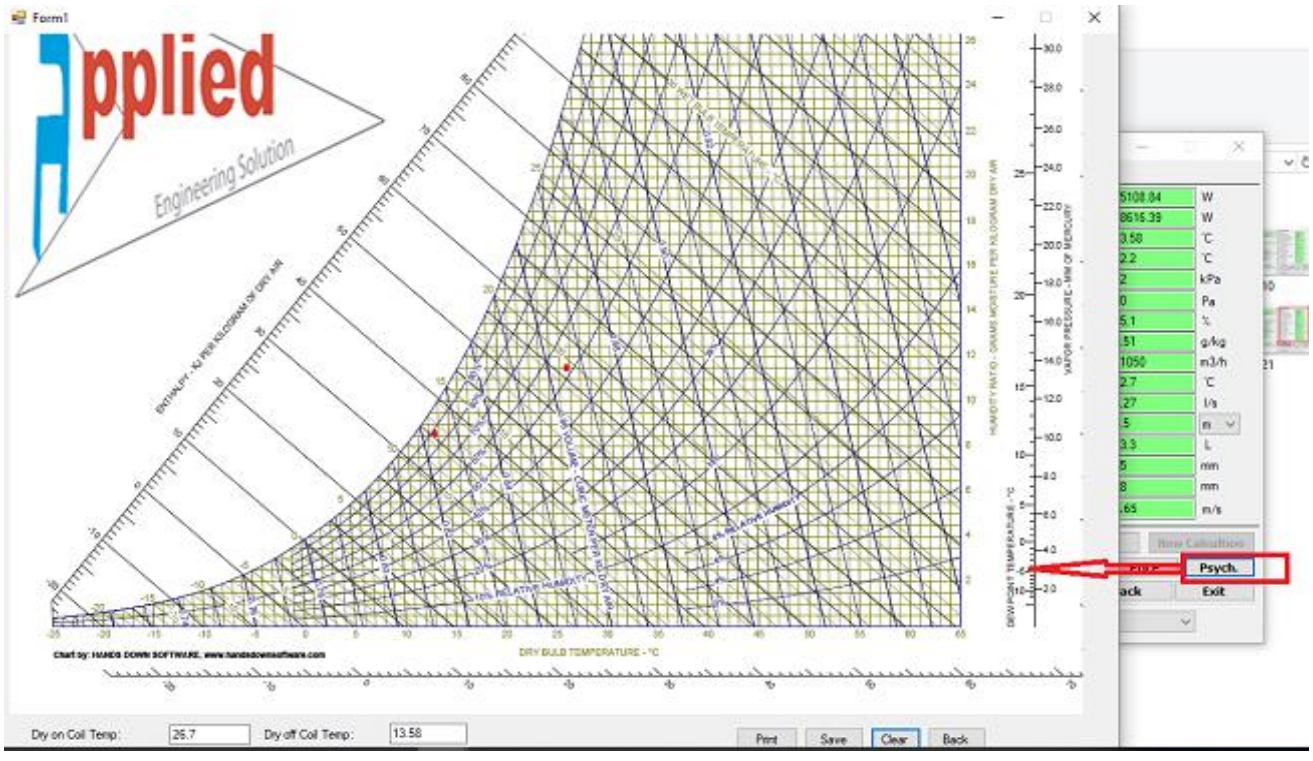
To explore autoCAD drawing with complete coil details



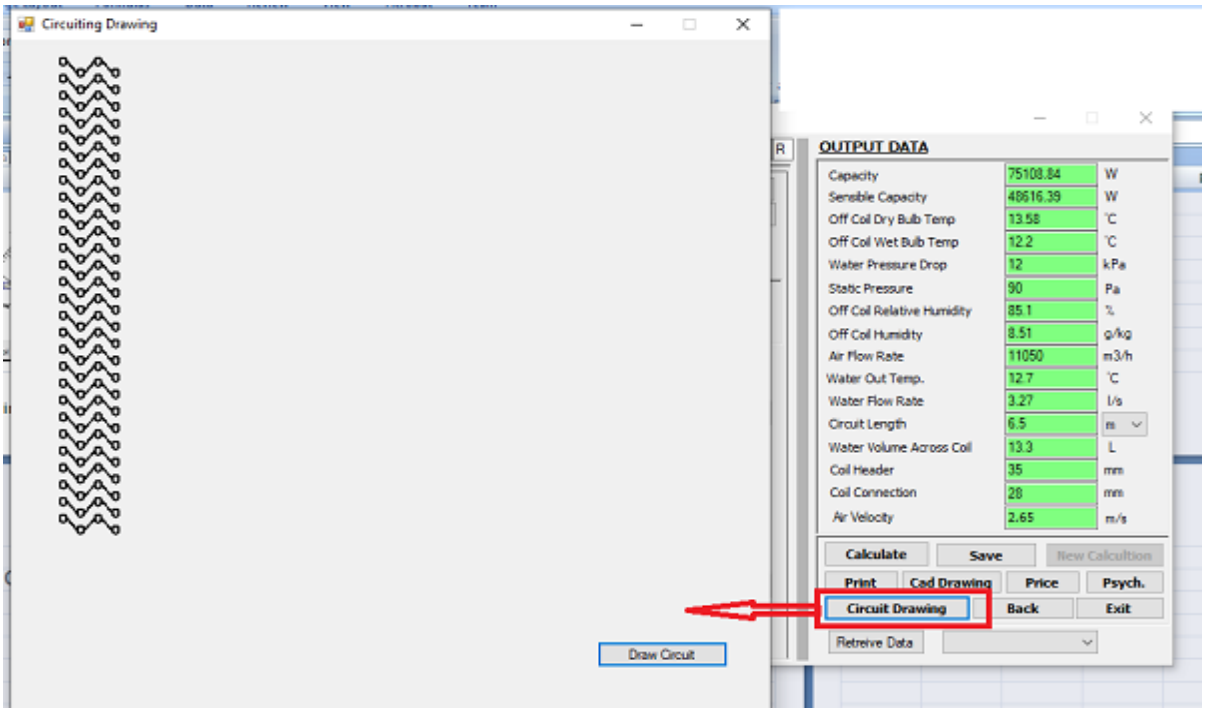
Pricing sheet of the Coil



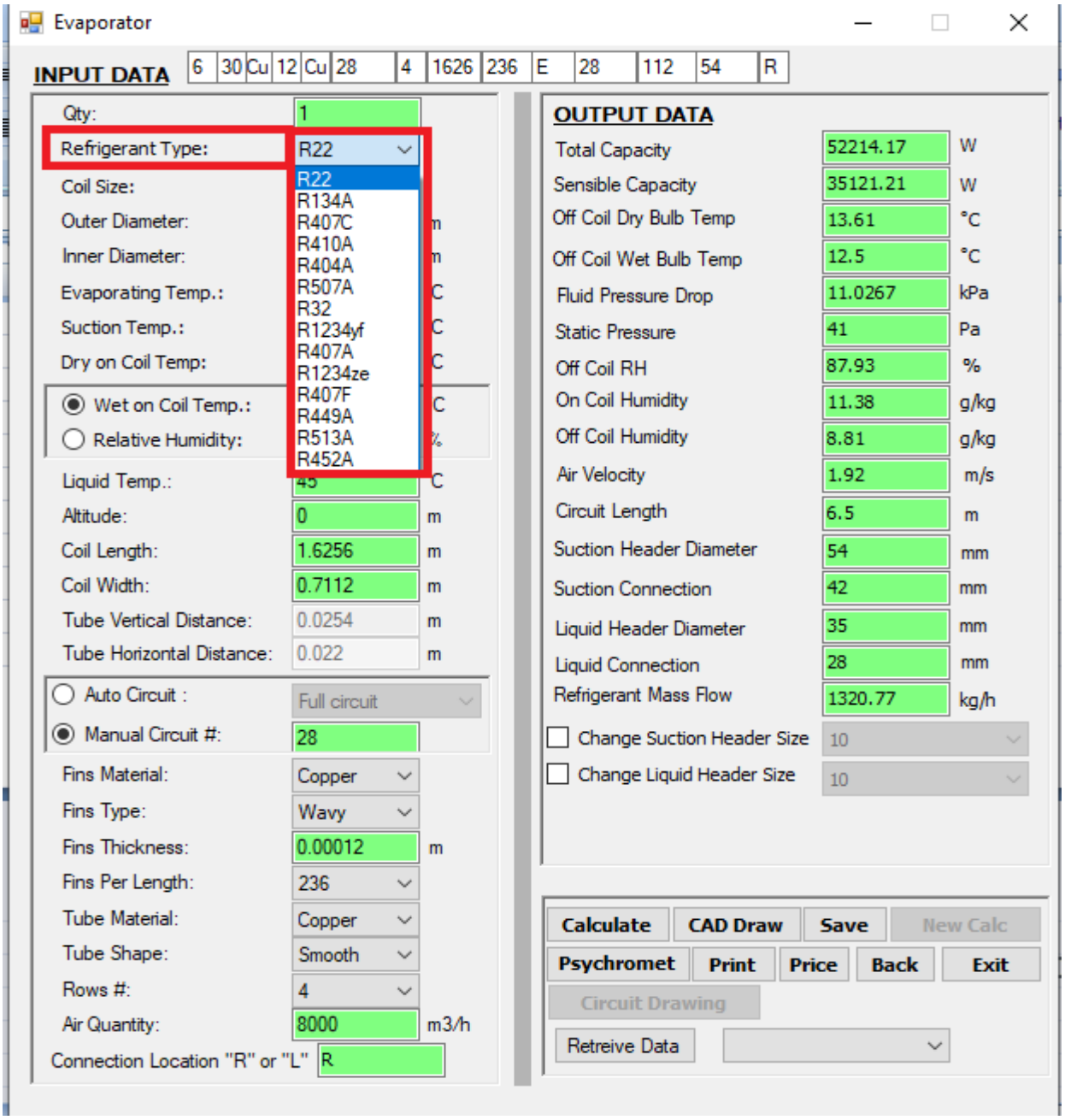
Psychrometric chart



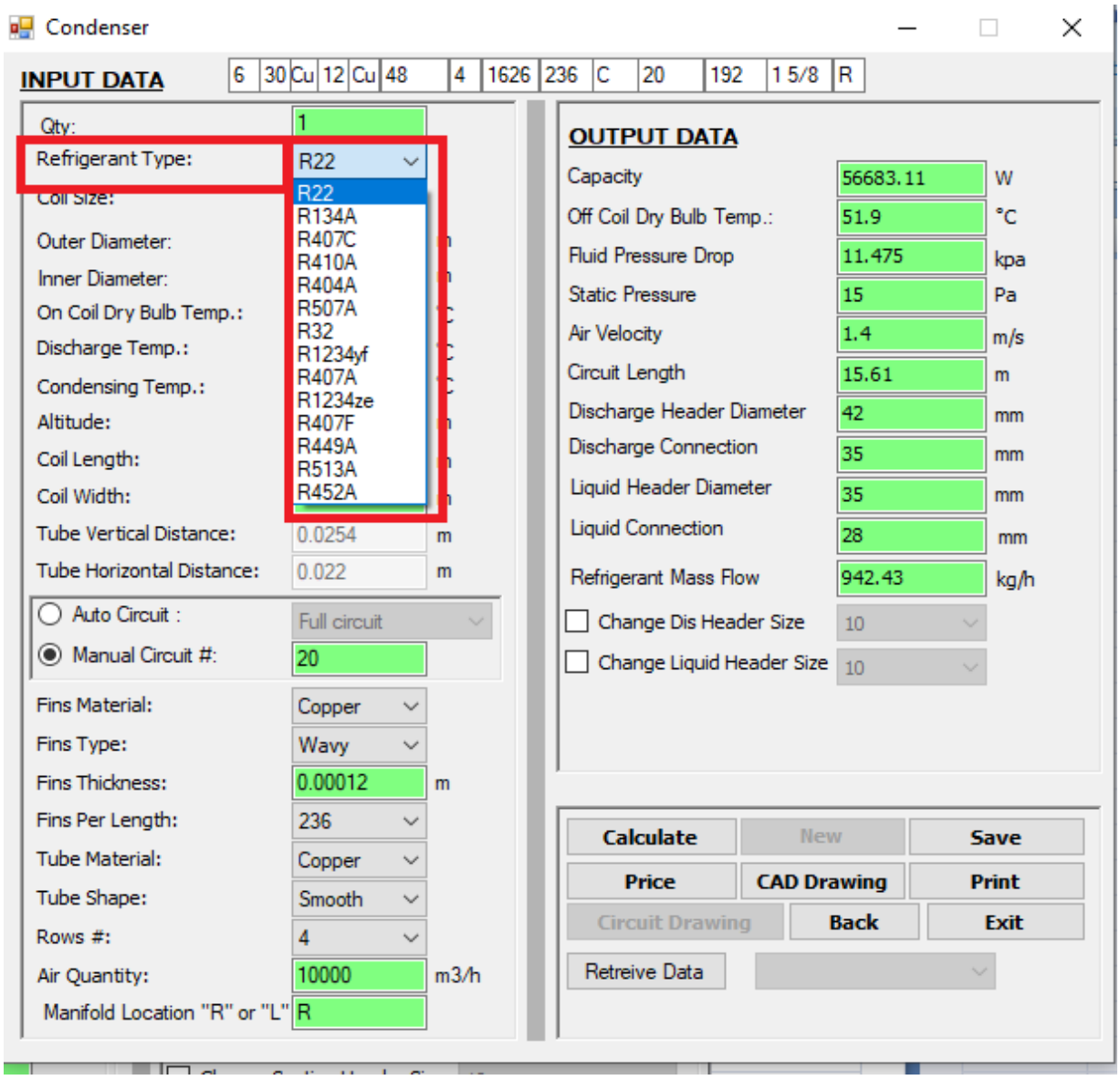
Coil Circuiting Drawing



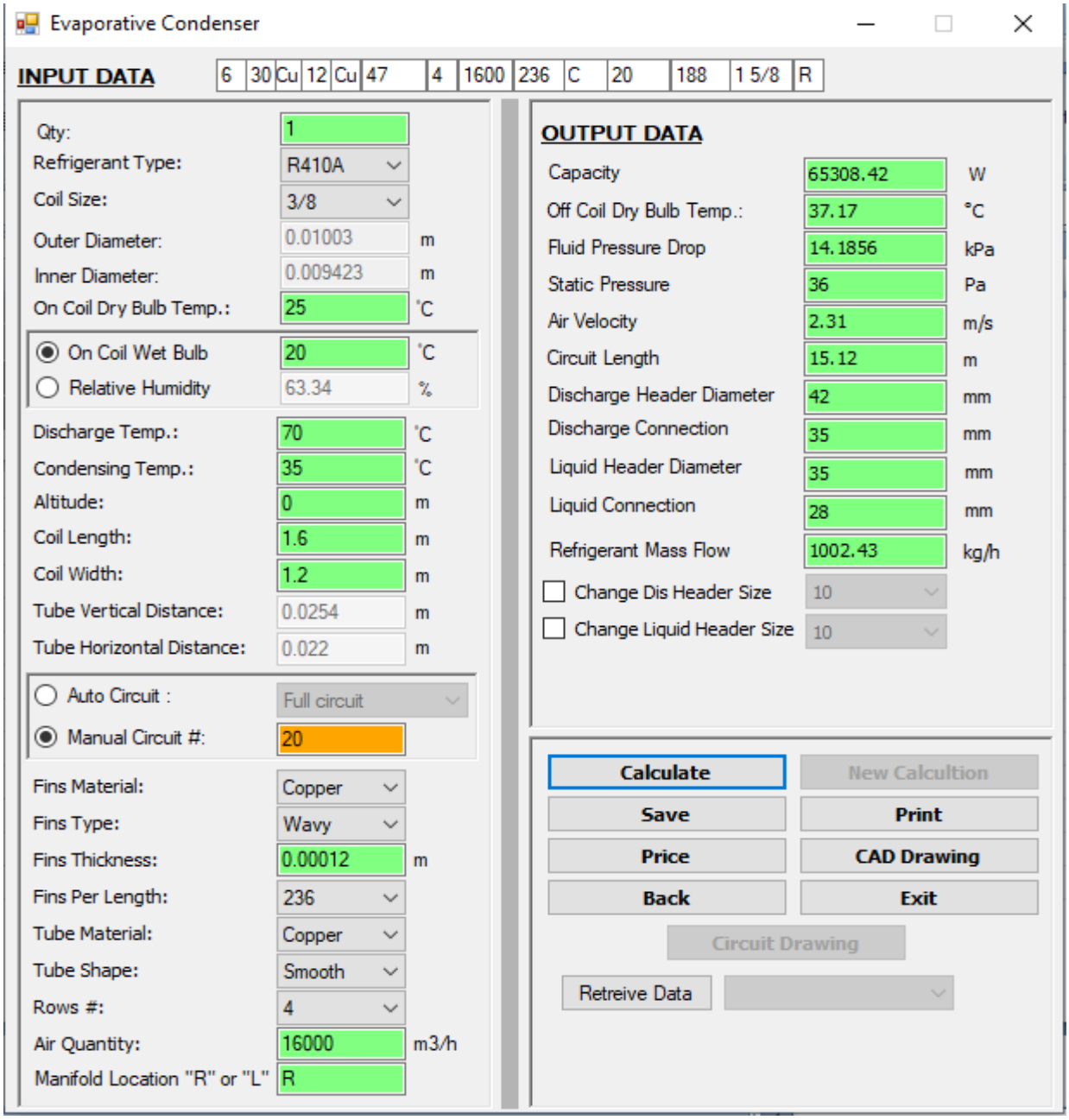
Evaporator Coil with a lot of refrigerants



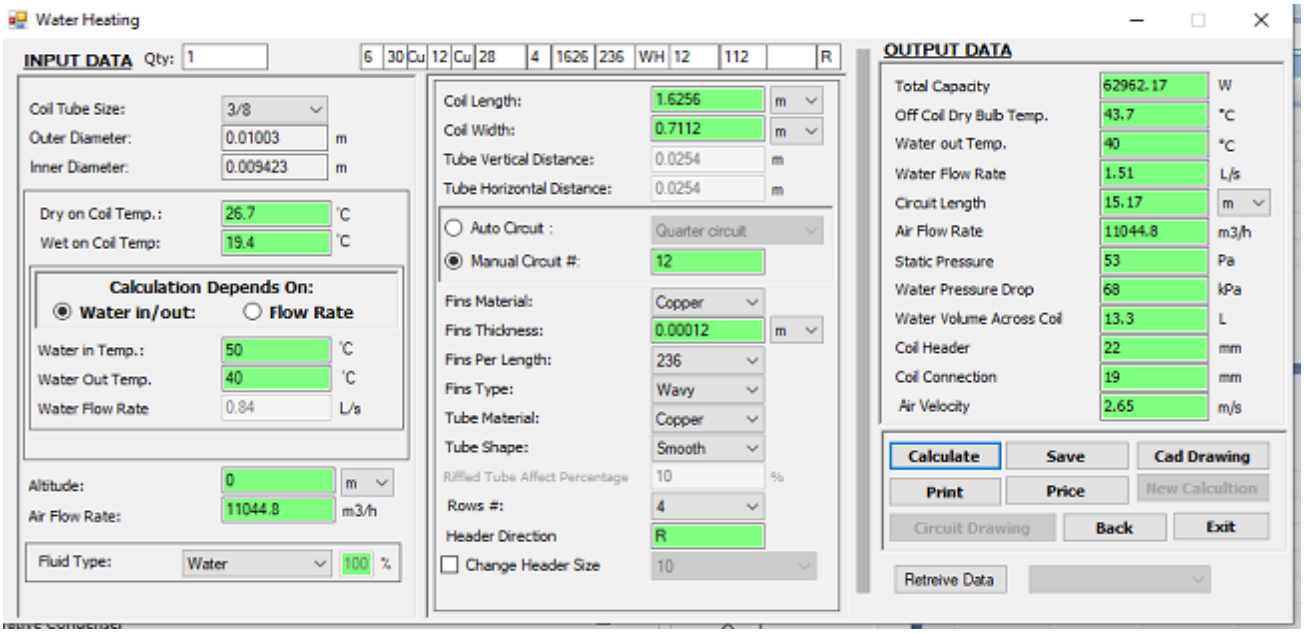
Condenser Coil with a lot of refrigerants



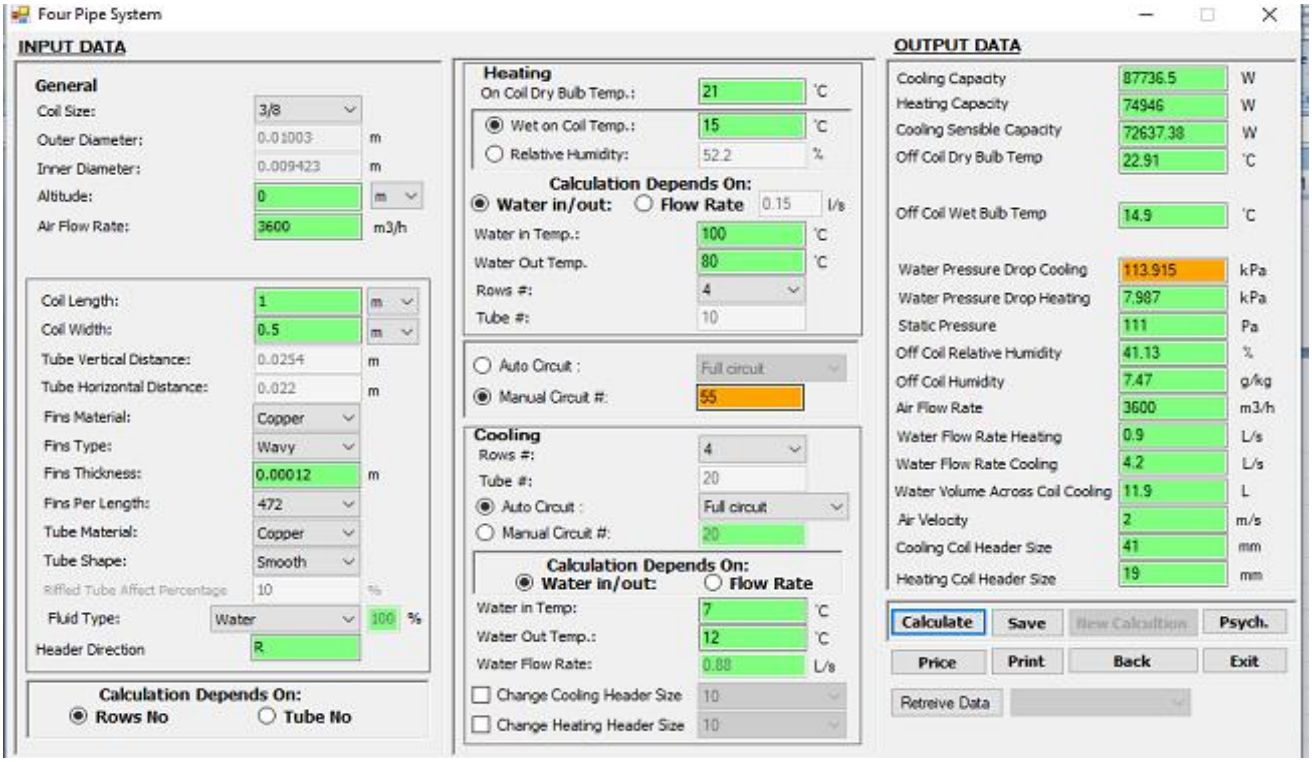
Evaporative Condenser



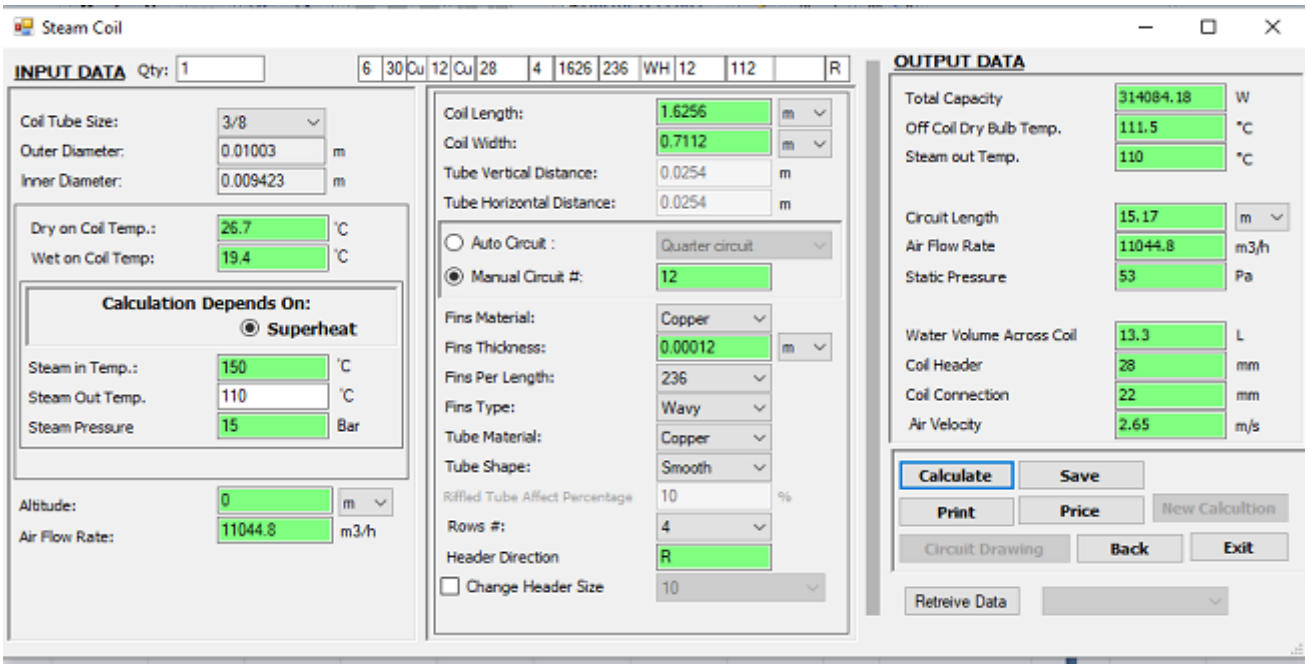
Water Heating Coil



Four Pipe system (cooling and heating coils)



Steam Coil



Thanks for Choosing Applied Engineering Solutions Co. to supply Technical Software, for more details, please find here below link for a video summarizing all the scope of work for Applied Engineering Solutions Co.

https://youtu.be/DUGU5rBND_U

USER MANUAL FOR
COIL SOFTWARE
pplied
Engineering Solutions
Applied Engineering Solutions
sales@applied-eng.com
info@applied-eng.com
www.applied-eng.com