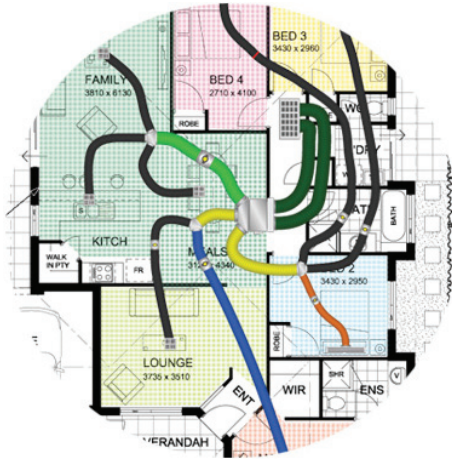# System Design Software:
Tailor-made air conditioning design

With System Design Software, air conditioning consultants are able to design, specify and price the most efficient and cost-effective air conditioning system for any home.

Best practice design for every home

More than a computer-aided design package, System Design Software is our proprietary air conditioning optimisation software. It's built on best practice thermodynamic and engineering principles to make it easier than ever to create the perfect air conditioning system for your home.

System Design Software ensures that you:

✔ Choose the ideal air conditioning unit and airflow management system combination

✔ Maximise comfort levels while minimising energy consumption

✔ Enjoy absolute climate control and long-term financial benefits.

Precision and flexibility

From room-by-room heat load calculations through to specifying the perfect ductwork, grilles and diffusers, System Design Software balances all the variables. The software then enables your consultant to map out the entire system in every energy-efficient and cost-effective detail.

You can easily make changes or additions to your design with System Design Software, ensuring you don't compromise the energy efficiency and integrity of your new system. And you can instantly see the effect they have on your budget. No nasty surprises. No hidden costs.

Below (and on the following pages) are some screenshots of **System Design Software** in action.

Import a house plan image and enter your customer's details.

Drag and drop parts from a catalogue into the image to design your system.

Item	Product Code	Fix	Unit Price	Quantity	Modifier %	Cost	Install Time [min]	No
Collar ø350mm	COLL35	1	$7.00	2		$14.00	30.00	
Collar Y ø350mm 2xø300	COLY353030	1		4			60.00	
Collar Y ø500mm 2xø350	COLY503535	1		2			30.00	
Copper Pipe HD ø20mmx1m (7.36m)	COPIP20	1	$10.00	8		$80.00	120.00	
Control Panel Wall Mounted Control Panel	CPNL01	2		1			15.00	
Damper Blades ø350mm	DMPBD350	1	$14.00	2		$28.00	20.00	
Joiner ø300mm	JOIN30	1		4			60.00	
Joiner ø350mm	JOIN35	1	$6.50	1		$6.50	15.00	
Metal Louvre Face Face 605x605mm	LFR4561	2	$51.00	8		$408.00	200.00	
R/A Box (Poly Sprayed) 1150x650mm	RABP115-65	2	$138.50	1		$138.50	30.00	
Return Air Grille With Filter 1100x500mm	RAGF11-50	2	$197.65	1		$197.65	30.00	
Single Return Fitting ø600mm	RTFR60	1	$80.00	1		$80.00	30.00	
Super Flex Eco Insulated 3m ø600mmx3m (2.78m)	SFI360	1	$31.20	1		$31.20	35.00	
⊖ Neck Adaptor ø300mm-455x455mm	SQRND4545B30	1	$33.00	8		$264.00	200.00	
V Box 2xø500 -300mm	STVB50	1	$140.00	1		$140.00	30.00	
Generic Tower Condenser Unit 18.0kW, 1600L/s	TCU18000	1		1			60.00	
⊖ Insurance	User000		$75.00	1		$75.00		Op
Install Labour Time Costs Subtotal	Install_Time		$0.00	1837		$0.00		
Tax	Taxation_Rate			1	10.0 %	$866.08		GS
Total	–			88	12.0 %	$10,670.11	1837.00	12

View and edit the costing details of your quote.

Generate and print reports from your design.