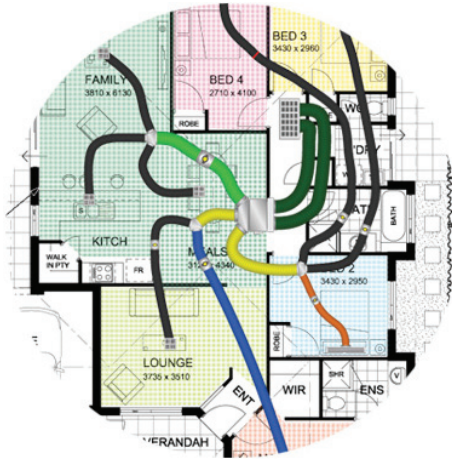


# System Design Software: Tailor-made air conditioning design



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 >
Design >
Costing >
Report

Customer details

Quote No.

First Name  Last  Title

Address

City  State  Postcode

Phone  Email

Status  Due

◀  ▶

✖

Level: 1 of 2

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] | Nc        |
|---|---------------------|-----|---------------|-------------|---------------|--------------------|--------------------|-----------|
| 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        |
| <b>Install Labour Time Costs Subtotal</b>     | <b>Install_Time</b> |     | <b>\$0.00</b> | <b>1837</b> |               | <b>\$0.00</b>      |                    |           |
| Tax   | Taxation_Rate       |     |               | 1           | 10.0 %        | \$866.08           |                    | GS        |
| <b>Total</b>                                  | -                   |     |               | <b>88</b>   | <b>12.0 %</b> | <b>\$10,670.11</b> | <b>1837.00</b>     | <b>12</b> |

View and edit the costing details of your quote.

Import > Design > Costing > Report

Templates Settings

- Backups
- Custom.rtf
- Installer Instructions.rtf
- Sales Proposal.rtf

## Air Conditioning Supplier Co. Pty. Ltd.

Mr Joe Customer  
101 Main St  
Adelaide  
SA 5000  
Tuesday, 31 July 2012

Reference: 0001

**Regarding: Ducted Air Conditioning Quotation**

Dear Mr Customer,

We thank you for the opportunity to offer a quotation for a ducted air conditioning system based on your heating and cooling requirements.

At our company we offer nothing but the best in service and equipment. Our systems are designed using the latest technology.

Your system consists of 4 zones.

| Qty. | Zoning     | Room    | Outlets | Required Power (kW) | Air Flow (L/s) |
|------|------------|---------|---------|---------------------|----------------|
| 1    | Continuous | Living  | 3       | 5.59 kW             | 360 L/s        |
| 2    | Continuous | Study   | 1       | 1.88 kW             | 113 L/s        |
| 3    | Switchable | Theatre | 1       | 2.04 kW             | 123 L/s        |

Generate and print reports from your design.