


Getting Started Guide: CAMEL⁺



Welcome to CAMEL⁺


Air Conditioning Load Estimation Made Simple

When you need reliable air conditioning load estimation, you need a name you can trust. CAMEL⁺ is the industry gold standard for calculating design heating loads, cooling loads and the associated psychometrics for air conditioning systems.


 **CAMEL**


Projects My company accounts **Add Project**


 

 **CAMEL Workshop Office and Retail Building CBD**

MAIN DATA


 Summary


 Project Data


 AHU, Zone and Room


Calculate


RESULTS

 View Results


 Shadow


 Graph

 Psychrometrics

 Configuration









































































Projects / CAMEL Workshop Office and Retail Building CBD / Summary


Project Summary  Valid

Split Into Single Zone Combine Rooms P A  **Export Project**

Project Title CAMEL Workshop Office and Retail Building CBD

Project Data **Valid** Schedules **Valid** Shading **Valid** Windows **Valid** Walls **No Data** Chiller Boiler Circuits **Valid** Preconditioners **No Data**

AHU No.	AHU Title	AHU	Coil	Zone No.	Room Title	Zone Room	External	Partitions	Internal
1	Grnd RCHP 1			1	Grnd Shop1				
2	Grnd RCHP2			1	Coffee Shop				
3	Grnd RCHP3			1	Grnd Shop3				
4	Grnd RCHP 4			1	Grnd Shop4				
5	VAV First			1	North 1ST Floor				
5	VAV First			2	East 1ST Floor				
5	VAV First			3	West 1ST Floor				
5	VAV First			4	Centre 1ST Floor				
5	VAV First			5	Foyer				
6	VAV Typical			1	North Typical Floor				
6	VAV Typical			2	East Typical Floor				
6	VAV Typical			3	West Typical Floor				



There's a lot our customers can achieve with CAMEL⁺, but here's a quick rundown of the most important things to know when you're getting started.

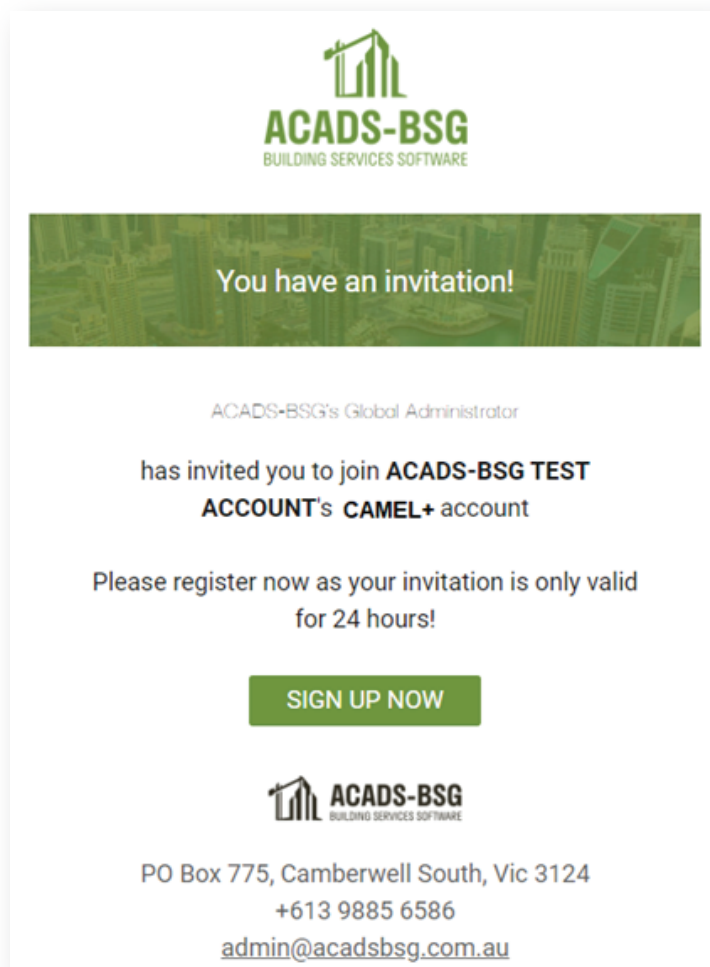
1. Before You Start

- **Internet:** Please ensure you have an active internet connection.
- **Browser:** For best results, please use the latest version of [Google Chrome](#).

2. Getting Started

- Accept the CAMEL⁺ invitation by clicking your personal **SIGN UP NOW** link sent to your e-mail address.

Note if this invitation is forwarded to another team member it will cause the account creation process to fail. Invitations to new team members can only be sent via your CAMEL⁺ Account Administrator.



- Fill in your account details
- Password creation: Ensure you use a password that can't be easily guessed, but one that you won't forget.
- Click **Submit**.



Important Note: Accounts are team member specific and cannot be shared.

Create your User Account

Name

Email

Password

Confirm Password

☐ I agree to the ACADS-BSG Terms & Conditions and Privacy Policy

Submit

[Have an account? Sign in](#)

3. Logging In

- Click the LOGIN button or Click here to [Sign In:](#)
 - o Enter your email address. If you can't remember what email you used to sign up with, have a look in your inbox for an email from ACADS-BSG (it might be in Junk!).
 - o Check the box for: I agree to the ACADS-BSG Terms & Conditions and Privacy Policy
 - o Click **LOGIN**

Sign In

Email

Password

[Forgot password?](#)

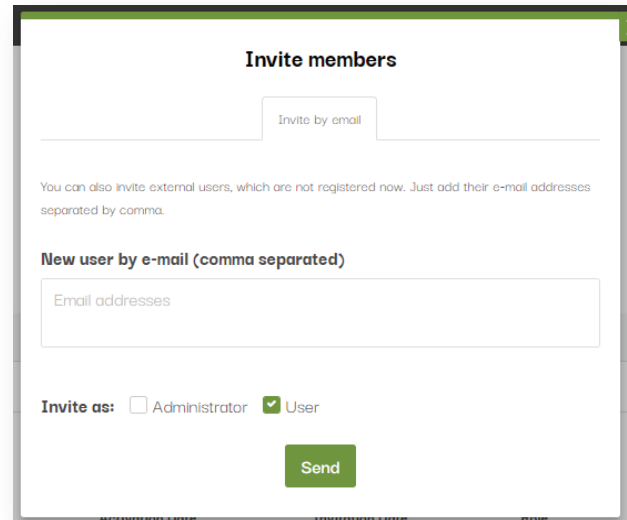
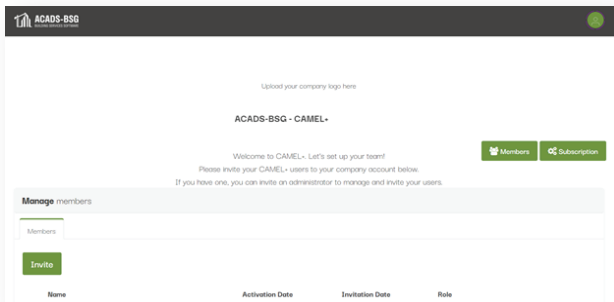
☐ I agree to the ACADS-BSG Terms & Conditions and Privacy Policy

LOGIN

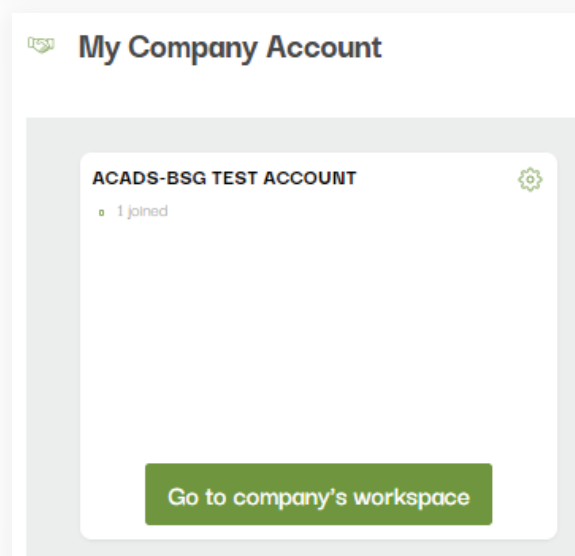
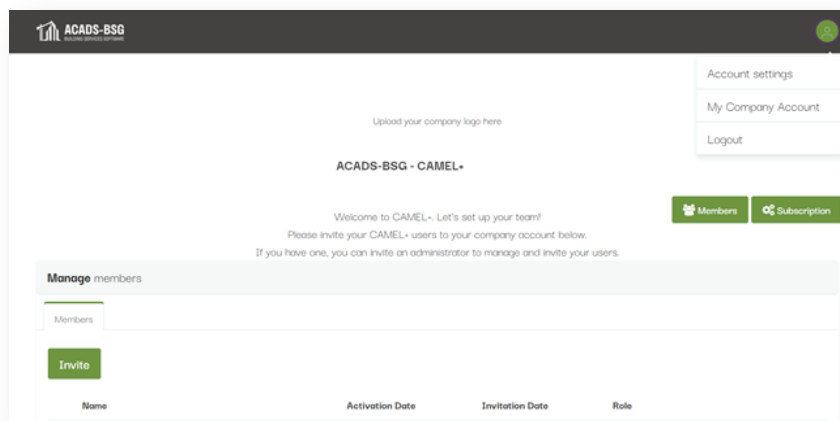
Are you the Account Owner or Administrator? If not, skip ahead to Step 5.

4. Invite Your Team to CAMEL⁺

- As a CAMEL⁺ Account Owner, you have the option of inviting one additional Administrator to manage and invite team members onto CAMEL⁺. Do this by selecting the Administrator Checkbox before pressing Send.

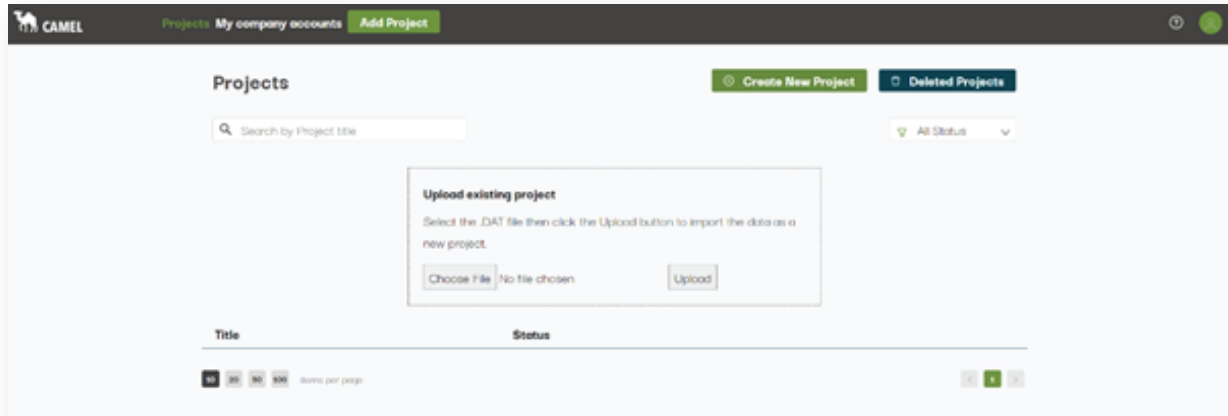


You can always navigate back to this screen by Clicking on **My Company Account** and then the **Settings** icon 



5. Working On a Project

- If you are not already on the CAMEL⁺ Projects page, click on the  icon at the top left of your screen.



- To start a new Project, click **Create New Project**
- To Upload an Existing Project created in CAMEL 5.11.1:
 - o Click **Choose File**
 - o Navigate to the .DAT file on your Computer and click **Open**
 - o Click **Upload**

Note that compatibility has been maintained with the latest version of CAMEL5.11.1.

Calculations created in older versions of CAMEL may still be uploaded, however some anomalies may occur when doing so. As such, we strongly recommend you thoroughly review the data imported from CAMEL versions prior to 5.11.1.

- To **open an Existing Project** created in CAMEL⁺ click on the project **Title**.
- Clicking the three dots  allows you to Edit, Export (locally save the .DAT file) and Delete a project.



Important Note: All projects are visible and editable by team members added to a company account.

Navigation:

Use the left-hand Menu to navigate to Familiar Tabs such as;

- Project Data (P) > Project, Schedules, Shading, Windows, Walls, Chillers Boilers & Circuits, Preconditioners
- AHU, Zone and Room (A) > AHU, AHU – Coil, Zone & Rooms, External, Partitions, Internal

6. Feature Deep Dive

Modernised Interface

- Easy data entry – Copy, Paste, Fill Down / Fill Right functions now available
- Easy data manipulation – select multiple cells and paste or delete values en masse
- Intuitive design conditions map allowing for easy location selection

AHU - Zones - View All

Valid

AHU 1

Gnd RCHP 1

Select Room

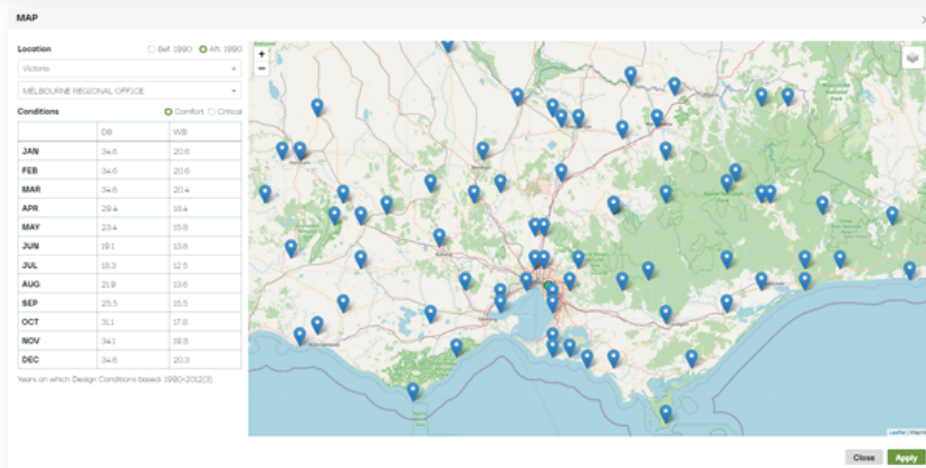
Gnd Shop1

RA

Show Single

Global Change

AHU		Zone		Room		St. Mass (kg/m³)		Outside Air		Extracted Air from Room									
No.	AHU Title	No.	No. Off	Air Dir'n	T.Down % (40)	Room Title	No. Off	Thermostat (Blank = RA)	Floor Area (m²)	Ceiling Height (mm)	Enter	Calc	Infil AC/Hr	Vap Gain (kW)	Units	Value	Litres/sec	Spill to	Unit
1	Gnd RCHP1	1		LOAD		Gnd Shop1	1		90	2700	350		2		l/s per person	7.5			
2	Gnd RCHP2	1		LOAD		Coffee Shop	1		90	2700	300		2		l/s per person	7.5			
3	Gnd RCHP3	1		LOAD		Gnd Shop3	1		90	2700	350		2		l/s per person	7.5			
4	Gnd RCHP 4	1		LOAD		Gnd Shop4	1		90	2700	350		2		l/s per person	7.5			
5	VWV First	1	1	LOAD		North 1st Flo.	1		66	2700	350				l/s per person	7.5			
		2		LOAD		East 1st Floor	1		54	2700	350				l/s per person	7.5			
		3		AREA		West 1st Floor	1		54	2700	350				l/s per person	7.5			
		4		AREA		Centre 1st FL	1		288	2700	300				l/s per person	7.5			
		5		LOAD		Royer	1		40	2700	350		0.5		l/s per person	7.5			
6	VWV Typical	1	1	LOAD		North Typical ..	1		66	2700	350				l/s per person	7.5			
		2		LOAD		East Typical FL	1		54	2700	350				l/s per person	7.5			
		3		LOAD		West Typical ..	1		54	2700	350				l/s per person	7.5			
		4		AREA		Centre Typicals	1		288	2700	300				l/s per person	7.5			
7	VWV Top	1	1	LOAD		North Top	1		66	2700	350				l/s per person	7.5			
		2		LOAD		East Top	1		54	2700	350				l/s per person	7.5			
		3		LOAD		West Top	1		54	2700	350				l/s per person	7.5			
		4		AREA		Centre Top	1		288	2700	300				l/s per person	7.5			



7. Administration

- Personal Account Settings.** Click on the green user icon on the top right of your screen to access your account settings. Here you can change your name, password, select your time zone, set your city, country and enter your company. Once you've finished making changes click on the green button **Save profile** to save your changes.
- My Company Account.** Access your company's workspace here. Select this option from the drop down menu and click on the green button **Go to company's workspace**. From here you can access all of your company's projects.
- Log out.** When you're finished working on your projects, select log out from the drop down menu. This is important when working on a shared device. If you don't log out manually, you will be automatically logged out after being idle for 24 hours.

8. How to Switch from CAMEL to CAMEL⁺

- If you already own a CAMEL licence and have an active ACADS-BSG Membership, please get in touch with our team via <https://www.acadsbsg.com.au/camel-trade-in/>