

Products & Packages



Altitude Technology Systems (ATS) are a worldwide distributor for high flow altitude technology systems. We supply and install mask systems for single users right through to full custom room environments for up to 10 people. Call us to discuss what solution suits you best.

ATS Mask Packages

ATS Mask 1

Mask System

Users: 1

Unit: Summit Everest System

Flow Rate: 120 LPM @ 15%.

Usage: Home Training and Small Training Facility.



ATS Room Packages

ATS Chamber 1

Room System

Users: 1

Flow Rate 275 LPM @ 15%

Dimensions: 1.4m x 2.8m x 2.4m high



ATS Chamber 2/3

Room System

Users: 2 or 3

Flow Rate 530 LPM @ 15%

Dimensions: 2.8m x 2.8m x 2.4m high

Expansion to 3 user: 4.2m x 2.8m x 2.4m high



ATS Chamber 4

Room System

Users: 4

Flow Rate 850 LPM @ 15%

Dimensions: 5.6m x 2.8m x 2.4m high



ATS Chamber 5/6

Room System

Users: 5 or 6

Flow Rate 1050 LPM @ 15%

Dimensions: 7m x 2.8m x 2.4m high

Expansion to 6 user: 8.4m x 2.8m x 2.4m high



ATS Chamber 10

Room System

Users: 10

Flow Rate: 1500 LPM @ 15%

Dimensions: 14m x 2.8m x 2.4m high



[More packages on the following page](#)

Products & Packages

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ATS Custom Room Packages

ATS Custom 1

Custom Room System

Custom Room Conversion

Convert an existing area or room into an altitude environment.



ATS Custom 2

Custom Room System

Custom Full Environment Facility

We are able to offer a superb range of full environmental chambers that are designed to suit specific requirements. Environmental control is available over:

- Temp: -20 to +40 deg C
- Humidity: 10% to 95%
- Altitude: Standard: Sea level to 3800m (13%)
- Special: Sea level to 8000m (7.4%)



These systems allow independent adjustment of temperature, humidity and altitude and feature a much larger version of the Intelligent Control system. Sophisticated system status and alarm conditions are displayed, and systems are interlocked to prevent undesirable combinations being selected. Chambers can be provided of any size, with door and window apertures to meet customer requirements. Floors and windows are heated to prevent fogging/icing. Walls and roof are load bearing and comprise a steel/foam sandwich covered with easy clean white plastic on both sides.

ATS Spin 1

Custom Room System

Altitude Spin Studio

10-15 users in a pre built chamber or custom fit out of existing area.



All ATS Room Packages Include:

Peak Performance System: Hypoxic membrane unit capable of airflows from 275 – 2500LPM.

Compressor Unit : 7 to 8 bar

Intelligent Control System: The Intelligent control system delivers rapid achievement of altitude, and precise control of oxygen level to 0.1% within the design range.

Safety System: Safety is paramount and the systems are designed to remove the risk of a dangerous atmosphere being created. Pressure and oxygen levels are monitored, with visual alarm indications and shutdown is automatic if a hazardous situation occurs.

Air Quality: Air quality is superb. Incoming air is filtered for particles down to bacteria and pollen level (0.01 micron at 99.9% - better than HEPA) as well odours and hydrocarbons.

Air-conditioning: Split air system with heating and cooling between 16° and 28°.



Commercial enquiries

Please contact ATS on +61 (0)439 789 833 or email info@ats-altitude.com