



PRESS RELEASE

## **High Performance Air Condenser**

The **Asynt CondensSyn** is a new high performance **air condenser** for synthetic chemistry experiments that requires no cooling water for operation.

Organisations are growing increasingly concerned about both the environmental impact and indeed the cost of running a research facility. A condenser is often required for synthetic experiments and therefore an essential tool for the research chemist. Whilst condensers cooled by a circulating fluid such as water are effective, their constant need for running tap water creates an environmental and cost issue. Consequently such condensers should ideally be attached to a recirculating chiller unit which will not just reduce the environmental impact but also the long term running costs.

Drawing upon over 30 years of scientific glass manufacturing knowledge, Asynt has created an affordable high-surface-area air condenser which is both safe and operationally effective. The robust design uses a new borosilicate glass manufacturing technique and this, together with a proprietary multiple hyperbolic profile, ensures optimum heat removal as vapours pass along its length. CondensSyn additionally incorporates a non-roll feature to help prevent accidents if left on a lab bench. Offering clear visibility of ongoing experimental reflux, the Asynt CondensSyn is easy to clean and maintain.

In extended period testing the performance of the CondensSyn air condenser has been shown to be equivalent to a Liebig type condenser being used with tap water. By not using water as the condensing coolant the CondensSyn eliminates the environmental and running costs

### **Asynt Ltd**

Unit 29 Hall Barn Road Industrial Estate Isleham Cambridgeshire United Kingdom CB7 5RJ  
T: +44 (0)1638 781709 F: +44(0)1638 781706 sales@asynt.com www.asynt.com

Registered office: Eldo House, Kempson Way, Bury St Edmunds, Suffolk, IP32 7AR Registration No: 5160407  
VAT No: GB 838 5592 82



associated with the need for constant running tap water as well as potential issues associated with water leakage. For further information please visit <http://www.asynt.com/product/asynt-condensyn-air-condenser/> or contact Asynt on +44-1638-781709 / [sales@asynt.com](mailto:sales@asynt.com).

Asynt is a leading supplier of affordable products, consumables and services for chemists in industry and academia. With staff of trained chemists - Asynt is able to draw upon this in-depth applications knowledge to provide a high level of customer support for its DrySyn Heating Blocks, Controlled Lab Reactors, Synthesis Tools, Evaporators, Circulators, Temperature Control Systems, Vacuum Pumps and Laboratory Safety Equipment.

**MARCH 2015**

**asyntpr42.doc**

Illustrative image: (image available on request)



**Asynt Ltd**

Unit 29 Hall Barn Road Industrial Estate Isleham Cambridgeshire United Kingdom CB7 5RJ  
T: +44 (0)1638 781709 F: +44(0)1638 781706 [sales@asynt.com](mailto:sales@asynt.com) [www.asynt.com](http://www.asynt.com)

Registered office: Eldo House, Kempson Way, Bury St Edmunds, Suffolk, IP32 7AR Registration No: 5160407  
VAT No: GB 838 5592 82