

# **COSMOTEC**

*Is pleased to invite you to the*

***“Technical Course on industrial cooling system  
reserved to the Service Technicians “***

***that will take place at its Head Office  
3 ,Via Torricelli - Valeggio sul Mincio – Verona***

***on***

***22 – 24 February 2011***

***Arrival: the evening before the first training day or  
before 9:00am at first training day***

***Departure: After 5:00pm on the last training day or on  
next day.***



## ***TRAINING AGENDA***

The course will be focused on Cosmotec product line: CVA, RL and Prodigy.

The training sessions **won't deal** with Telecom Line or any other Stulz Product (like CyberRow, etc.)

### February 22th

9.00 am: Meeting at Stulz SpA; Welcome reception

9.30 am – 1.00 pm:

- CVA line presentation (Air Conditioning, Ventilation)
- RL line presentation (Liquid Chillers)
- Factory Tour

1.00 – 2.00 pm: Lunch

2.00 – 6.00 pm:

- CVA:  
analysis of cooling, electrical and hydraulic circuits, technical documentation, electronic controls TLZ12/EBB, Carel EASY, alarms and Troubleshooting.
- RL:  
analysis of cooling, electrical and hydraulic circuits, technical documentation, electronic controls Carel Microchiller Compact, Microchiller SE, IR32, alarms and Troubleshooting.

### February 23th

9.00 am – 1.00 pm:

- Electronic Control C2020 for Liquid Chillers:
  - introduction, technical specifications, function logic
  - Alarm signal, 'telemonitoring', programming
  - Problem solving

1.00 – 2.00 pm: Lunch

2.00 pm – 5:30pm:

- Practical activity on simulator

### Material required from the participants:

1. Notebook for software download. One of USB ports has to be configured for serial communication via serial net RS232 (usually the adapter USB -> RS232 is provided with a driver to configure the port)
2. Adapter USB to RS232 as shown below
3. One serial cable RS232 with **female-female** connectors



## ***TRAINING AGENDA***

### February 24th

9.00 am – 11.00 am:

- HighDensity 'Prodigy IRow' line presentation

11.00 am – 1.00 pm:

- HighDensity 'Prodigy IRow' logic function

1.00 pm – 2.00 pm: Lunch

2.00 pm – 5.00 pm:

1. Open discussion

### Material required from the participants:

1. Notebook for software download. One of USB ports has to be configured for serial communication via serial net RS232 (usually the adapter USB -> RS232 is provided with a driver to configure the port)
2. Adapter USB to RS232 as shown below
3. One serial cable RS232 with **female-female** connectors

