

# **Grundfos Recirculator Pumps**

## **Hot Water Recirculation System Design**

This class qualifies for 2 CE credit hours

**Determining when a hot water recirculation system is required**

**System components:**

Piping • Insulation • Pumps • Balancing valves

**Proper Sizing of piping and pumps**

**Recirculation with mixing valves:**

• Thermostatic mixing valves • Digital mixing valves

**Pump controls:**

• Aquastats • Timers • Variable Speed Drives (VFD's)

**Legionella prevention**

# **Wednesday Nov 20th**

## **ILLCO's Elk Grove Training Center**

780 Lively Blvd • 847-228-1200

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**Dinner 4:30pm • Hydronics Class 5:00pm to 7:00pm**

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Return to: ILLCO [tventura@illco.com](mailto:tventura@illco.com) • Fax 708-579-0731 • **Registration is limited**

Company \_\_\_\_\_

Name \_\_\_\_\_ PO# (required) \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

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**\$25 registration fee • call Karen or Tony at 708-579-5600**

Fee can be charged to your account, paid by company check or credit card. **Registration is limited**

*Payment & registration must be received prior to all seminars.*

