



INFORMATIONAL BULLETIN

PARTS & SERVICE DEPARTMENT

300 Maddox Simpson Pkwy
Lebanon, Tennessee 37090
615-889-8900 Fax: 615-547-1003
www.Lochinvar.com

Date: August 26, 2008

Bulletin Number: 2008-08I

TO: Manufacturers' Representatives, District Sales Managers, Regional Managers, Technical & Customer Service Personnel, Service Agents, Sales & Marketing Personnel

SUBJECT: Knight XL Pump Contacts and Wiring

The original Knight line (KBN80-KBN500) was introduced as a High Efficiency Residential Boiler. These units were designed to power a fractional horsepower pump from the unit terminal strip. The Commercial Knight XL units KBN399-800, needed to power large boiler, system, and DHW pumps beyond the capacity of the terminal strip, therefore a different pump control methodology is used.

The Knight XL line utilizes pump relay contacts that provide a switch to break line voltage to each pump. The pump relay dry contacts are sized for 1.5 hp/ 120v, 3 hp/ 240v or up to 30 amps. The boiler, system, and DHW pumps should be wired to the line voltage terminal strip as shown in the Knight XL Installation and Operation Manual on page 39, figure 8-1. The use of pump relay dry contacts is consistent with other Lochinvar Commercial Products.

The Residential Knights (KBN80-285), Wall Mounts (WBN50-210) and the Armor (AWN150-500) units have not changed. These pump contacts are powered from the terminal strip as shown in each model installation and operation manual.

~ Residential Knights I & O Manual page 42, figure 8-1

~ Wall Mount Knights I & O Manual page 40, figure 8-2

~ Armor Water Heaters I & O Manual page 39, figure 8-1

Should you have any questions please feel free to contact Technical Service at 1-800-722-2101.