

PRODUCT BULLETIN

Date: 03/20/2020


Subject: Lennox Prodigy – Economizer Occupied Signal

Question:

The Lennox Prodigy controller requires a 24VAC to the OCP terminal for the economizer to function.

Solution:

To provide an OCCUPIED signal for the economizer function would be to operate the fan continuously (which is typical of most commercial applications) and run a jumper wire from the G terminal of either the GEN II/X or the Prodigy controller (see below) to the OCP terminal of the Prodigy controller. When the GEN II/X goes into the UNOCCUPIED mode the fan will shut off and the 24 VAC to OCP will be discontinued.



Label	Description	Type
stat		
R	TRANSFORMER 1 24VAC POWER	24VAC
C	TRANSFORMER 1 24V COMMON	24V COMM
G	BLOWER SIGNAL	24VAC DI
W1	1ST STAGE HEATING	24VAC DI
W2	2ND STAGE HEATING	24VAC DI
Y1	1ST STAGE COOLING	24VAC DI
Y2	2ND STAGE COOLING	24VAC DI
OCP	OCCUPIED SIGNAL	24VAC DI
GLO	GLOBAL CONTROL INPUT	24VAC DI

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