

NIM REQUIRED APPLICATIONS GUIDE

communicating IDU	Non-comm ODU	NIM required?
Furnace	1-stage A/C	No
Furnace	2-stage A/C	Yes
Furnace	1-stage HP	Yes
Furnace	2-stage HP	Yes

Fan Coil	1-stage A/C	No
Fan Coil	2-stage A/C	Yes
Fan Coil	1-stage HP	No
Fan Coil	2-stage HP	Yes

**TROUBLESHOOTING COMMUNICATIONS**  
(Equipment isolated)

A to B	~3 vdc
A to C	~3 vdc
B to C	~.01 to 0.3 vdc
C to D	24 vac

(Only UI connected to indoor)

A to B	~2.5 to 3.9 vdc (pulsating)
A to C	~2.5 to 3.9 vdc (pulsating)
B to C	~0.1 to 0.9 vdc (pulsating)
C to D	24 vac