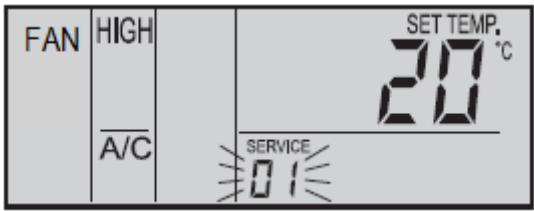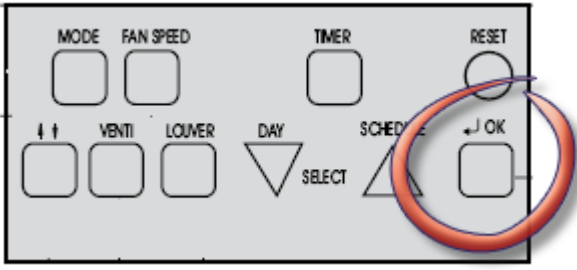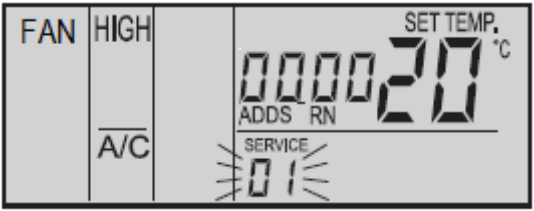| Number	084
Subject	KPI (E/H/X)3E Heat Recovery Vent. Units
Date	22 April 2013

This is a step-by-step guide to setting up, recommended additional functions on the new KPI ---- (E/H/X)3E Hitachi Heat Recovery Ventilation Units.

This new 3E version of the Ventilation units, no longer use the 'VENTI' function of the PC-ART and are now operated exactly the same as any indoor unit. If the KPI unit is being used with a dedicated controller, the following is recommended.

This guide will ensure the following status operations:

Fan Only Operation

Instruction	Status
1) Put the unit into **FAN**. Turn controller "**OFF**"	
2) Press "**OK**" and "**RESET**" together for more than three seconds 	Service Mode status "**01**" will appear in the bottom window. Service Mode "01" is what we need to enter in order to set up optional functions.
3) Press "**OK**" 	Address "**00**" "**00**" will show in top window. *The first* ***"00"*** *digits represent the indoor unit address.* *The second* ***"00"*** *digits represent the outdoor (**R**efrigerant **N**umber) unit address.*
4) Press the Temperature Down button once 	Address display in top window will change from "**00**" "**00**" to "**AA**" "**AA**" (all units) This setting is the most advisable when doing any modification.
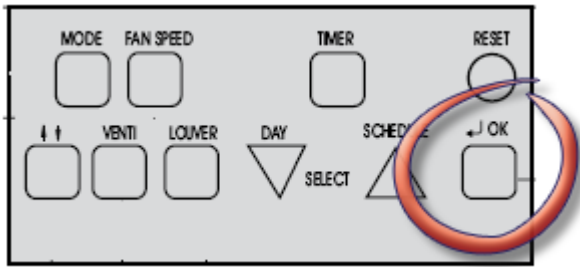
|	
5) Press "**OK**" 	Optional setting "**B1**" will appear in top right window. The "**AA**" "**AA**" display will be replaced by "**00**" status.
6) Press "**SCHEDULE**" continuously to scroll through to required function code, "**B5**" – Fixing the Operation Mode 	Indication "**B5**" will appear in top right window. ("**B5**" is the Indication for locking the unit into cooling. "**00**" is the default status which is **DISABLED**.)
7) Press "**OK**" *This will scroll to the required optional setting for "B5"* **00 – Disabled** **01 – Enabled**	Status "00" will change to "01".
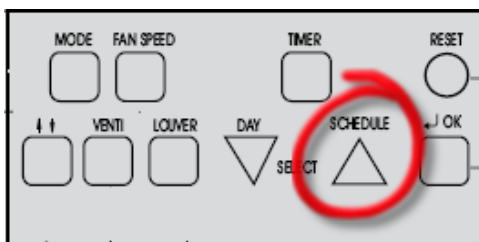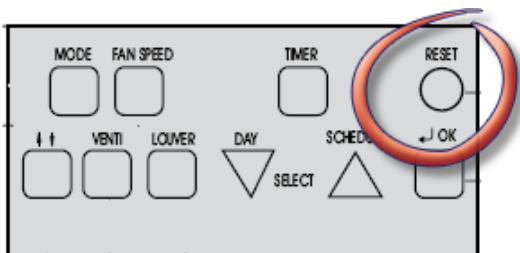
14) Press **"RESET"** 	Remote controller will return to normal operation mode.
15) Turn remote controller "**ON**"	Normal Operation. To test, press **MODE** button to ensure FAN operation is locked.

If the KPI unit is to be used with a central controller, CS-Net or via a BMS System, it will be required for this to have unique Refrigerant Number set via the dipswitches on the unit itself.

LOGICOOL