

PRODUCT BULLETIN

Commercial Product Management

DATE: 8/9/23

SUBJECT: FreshAire™ PTHP MUA Upgrade

DOCUMENT NUMBER: 004-023-PTHP Rev 1 BULLETIN TYPE: Product Update – Feature Enhancement PRODUCTS AFFECTED: All FreshAire™ PTHP (PVH***) AUTHOR: Product Management

Friedrich Enhances FreshAire™ PTHP Make-Up Air Control Capabilities – Ultimate In-Room Ventilation & Comfort

As the industry's premier PTAC innovation leader, Friedrich pioneered fully integrated, active, make-up air capabilities in packaged terminal air conditioning. We are pleased to announce 2 new feature enhancements to our award winning FreshAire PTAC's make-up air control capabilities that will further enhance our efficiency, comfort, and indoor air quality delivery. Now, when you select Friedrich FreshAire PTHP and pair it with Friedrich's FreshAire wall mounted thermostat control (VRPXEMRT3 or VRPXEMWRT3) these 2 new, specifiable, features are available for additional make-up air operation:

A. FreshAire MUA Occupancy Control

- Utilizing the occupancy sensor in the VRPXEM(W)RT3 control and the correct dip switch settings on the PVH board, the make-up air door is capable of auto closing in room "unoccupied" status. It will auto restart as the room enters "occupied" status. Standard factory setting is enabled.

B. FreshAire MUA Humidity Control Enhancement

- With RH management engaged via the VRPXEM(W)RT3 control and the correct PVH dip switch settings, make-up air can be set to automatically deactivate and re-activate given the RH sensed by the in-room control. Upon selecting this feature via dip switch settings on the PVH, If RH in the room is detected above 70%, make-up air will deactivate, closing the MUA door. Once RH falls below 60% in the room, make-up air will automatically restore to active/on status opening the door and re-engaging the MUA fan. Standard factory setting is enabled.

Important Phase-In Information

FreshAire PTHP (PVH) with manufactured dates after April 2023, serial 2304G06121, have been upgraded to include these enhanced capabilities. These new features are not retroactive as a standard. Upgrading existing PVH models with these features would require a PVH control board replacement and a VRPXEM(W)RT3 control.

Addition information regarding activation and deactivation of these features can be found in the latest Installation & Operations Manual (IOM) on Friedrich.com.

For questions about this product update, please contact Jerad Adams or Chris Magee <u>Jerad.Adams@FRIEDRICH.COM</u>, <u>Chris.Magee@friedrich.com</u>



