



# Verve IPAC Plug-in Wireless A/C Module Window Air-conditioning Unit Energy Saver

The Verve Plug-in AC (Air Conditioning) Module provides a turnkey solution for switching window AC units between their typical comfort modes and occupancy- and sensor-driven energy saving modes. The AC module installs in seconds - translating into 15-20 years of automated energy savings. The HVAC controller is programmable via an easy-to-use software user interface.

**PLUG-IN WIRELESS ENERGY SAVINGS - THE ONLY A/C SOLUTION OF ITS KIND!**

**5-minute Energy Saving Retrofits - No need to take guest rooms out-on-inventory**

Verve pre-configured, pre-linked wireless retrofit kits can be installed in between guest stays.

**Pro electrical labor is not typically required for installation.**

Automate Energy Savings While Guests are Away!

- ◆ Since the in-room wireless retrofit kits ship pre-linked and pre-configured, IPAC Plug-in Wireless AC Module systems install in minutes.
- ◆ System configurations settings are programmable using a PC-based software user interface.
- ◆ Room Refresh functions condition the air to maintain guest comfort while saving energy.
- ◆ Because this is a plug-in solution - energy monitoring & proof of energy savings are simple - hotel managers can literally see the energy savings using off-the-shelf energy monitoring solutions such as the Kill-a-watt energy meter.



IPAC



Wireless communications are based on the EnOcean standard & interoperable with the entire family of Verve & ZENO Controls.

### Payback Numbers from Verve-automated Hotels in the USA

Average Payback Period = 1.85 years\*

Average Energy Savings / Year (100-room hotel) = \$11,650\*

Visit [VerveLS.com](http://VerveLS.com) for ROI (return-on-investment) data & energy monitoring results from hotels that employed wireless controls to save energy.

\* Paybacks vary according to site-specific ROI impact variables:

>>> Cost of electricity, climate, local utility rebates, occupancy rates, HVAC system type, etc.

## Verve Living Systems

(312) 874-6440

[saveEnergy@verveLS.com](mailto:saveEnergy@verveLS.com)



A registered brand of ZENO Controls, LLC

# Verve Plug-in Wireless AC Module Specifications

Wireless Range	80ft. (25m, through 4 walls or ceilings)	
Wireless Communications	EnOcean 315 MHz EnOcean 902 MHz	
Output Ratings	General	15A
	Motor	1800W, 1/2 HP
Memory	Stores up to 30 unique transmitters	
Operating Temperature	Indoor use only -13° to +140°F (-25° to +60°C)	
Storage Temperature	-40° to +140°F (-40° to +60°C)	
Dimensions	3.26 x 2.07 x 1.42 inches (82 x 53 x 36 mm)	
User Interface	(2) Buttons and/or PC-based software user interface	
Safety Approvals	ETL (USA):	UL244A
	ETL (Canada):	CSAc22.2#14-05
Agency Certifications	902 MHz	Contains FCC: SZV-TCM2XXU IC: 5713A-TCM2XXU
	315 MHz	Contains FCC: SZV-TCM2XXU IC: 5713A-TCM2XXC
Interoperable Products / EEPs (EnOcean Equipment Profiles)	<b>Product Name (EEP #)</b> Rocker Pad Switch (F6-02-02) Key Card Switch (F6-04-01) Door/Window Sensor (D5-00-01) Temperature Sensor, 0 - 40° C (A5-02-05) Occupancy Sensor (A5-07-01, A5-07-02, A5-07-03) Central Gateway (A5-38-08)-	
Warranty	5 years	



## Pre-configured Kits

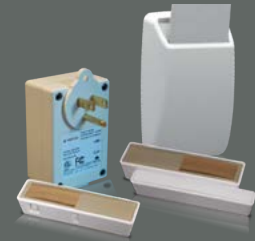
Sample Wireless Kits  
(go on-line for more configurations)



IPAC Plug-in AC Module +  
EDWS Entry Door Sensor +  
EOSW Motion Occupancy Sensor



IPAC Plug-in AC Module +  
IKCS Hotel Keycard Switch



IPAC Plug-in AC Module +  
IKCS Hotel Keycard Switch +  
EDWS Outside Door/Window Sensor +  
IRTS Remote Temperature Sensor

### Forward Compatible

upgrade anytime with ZENO gateways,  
software &/or InnPoint® front-end.



## Ordering Information

Model #	Description
IPAC-3	VWireless Plug-in AC Module w/ temperature sensing (315 MHz)
IPAC-9	Wireless Plug-in AC Module w/ temperature sensing (902 MHz)

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