



## Enhanced Performance Advanced TECAM Technology

### PRECISION UNITS 5PC/PZWW/PWD

### R410A Direct Expansion / Water Condensing / Chilled Water

Precision units with coils certified under the AHRI 410 Standard. Designed to work with R410A environmentally friendly coolant in direct expansion and water condensation applications. Developed under the Harmony product line, which translates into high efficiency, reduced environmental impact, and low noise levels. Its vertical configuration gives the option of supplying air from above or below. In addition, Carel's electronic controls for temperature and humidity allow for versatile use for the telecommunications industry, computer rooms, laboratories, industrial processes, among others.

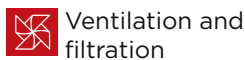
### Range of applications

- Computer center
- Telecommunication
- Laboratories
- Industrial processes
- Oil companies

### Main Characteristics

- High-efficiency compressors
- Easy access to components
- Noiseless operation
- Remote monitoring (optional)

- CAREL electronic controller
- High- and low-pressure controls
- Immersed electrode humidifier
- LAU or plenum type centrifugal fans
- High efficiency coil
- High efficiency coaxial condenser (optional)
- Mixed 35% filter
- Temperature and humidity sensors



## Technical references and specifications:

### Precision Unit - Direct Expansion

	COMPR.	Ph/Hz/VOLT	MBH	DISCHARGE
<b>5PZA/W 03</b>	SCROLL(1)	3/60/220-380-440	36	UPPER/LOWER
<b>5PZA/W 04</b>	SCROLL(1)	3/60/220-380-440	48	UPPER/LOWER
<b>5PZA/W 06</b>	SCROLL(1)	3/60/220-380-440	60	UPPER/LOWER
<b>5PZA/W 08</b>	SCROLL(1)	3/60/220-380-440	90	UPPER/LOWER
<b>5PZA/W 12</b>	SCROLL(1)	3/60/220-380-440	120	UPPER/LOWER
<b>5PZA/W 16</b>	SCROLL(1)	3/60/220-380-440	180	UPPER/LOWER
<b>5PZA/W 20</b>	SCROLL(1)	3/60/220-380-440	240	UPPER/LOWER
<b>5PZA/W 30</b>	SCROLL(1)	3/60/220-380-440	360	UPPER/LOWER

-5PZA - R410A Coolant. High Efficiency  
 -5PZW - Water Condensing Package Unit. R410A coolant

Optional  
 -Remote monitoring system  
 - Compressor with INVERTER system

### Precision unit - Ice water

	Ph/Hz/VOLT	MBH	DISCHARGE
<b>5 PWD 03</b>	3/60/220-380-440	36	UPPER/LOWER
<b>5 PWD 04</b>	3/60/220-380-440	48	UPPER/LOWER
<b>5 PWD 06</b>	3/60/220-380-440	60	UPPER/LOWER
<b>5 PWD 08</b>	3/60/220-380-440	90	UPPER/LOWER
<b>5 PWD 12</b>	3/60/220-380-440	120	UPPER/LOWER
<b>5 PWD 16</b>	3/60/220-380-440	180	UPPER/LOWER
<b>5 PWD 20</b>	3/60/220-380-440	240	UPPER/LOWER
<b>5 PWD 20</b>	3/60/220-380-440	360	UPPER/LOWER



**CPCO Controller**



**PCO5 Controller**



[www.tecam-sa.com](http://www.tecam-sa.com)

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Air Conditioning



Ventilation and filtration



Heat



Humidity control

