

Low Temperature Applications

Panasonic PACi Elite offers a high quality and efficient solution for low temperature applications



Overview

The Panasonic PACi Elite range of semi-industrial systems has been developed to lead the way in quality air conditioning for commercial environments. The Elite line is prevalent in low temperature applications, including wine cellars, server rooms and food storage areas, thanks to its ErP-approved units, and exceptional cooling capabilities.

The range boasts a wide range of features that make it the perfect solution to the needs of challenging commercial and seasonal demands. The units provide continuous cooling when outside temperatures are between -15°C and 46°C .

Solutions for cold rooms, wine cellars and special low temperature rooms

Boasting exceptional energy performance, the system ranks among the best in its class (SEER A++) and its inverter technology reduces power consumption and operating costs by 20%. This, combined with the use of R32 gas to reduce the unit CO2 emissions, ensures Panasonic PACi solutions offer market-leading efficiency.

The latest models in the series are not only built to the highest industry standards to ensure optimum efficiency, they are also lightweight, with a slim and compact design, making these units easy to install.

There is a complete range from 3.60 to 22.00kW.

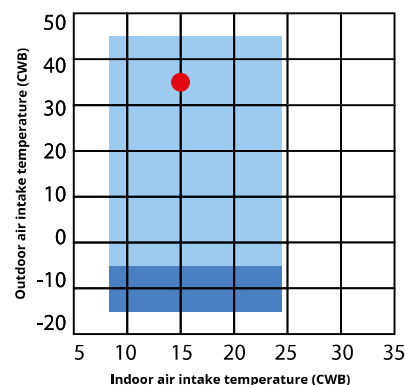
Just like all the indoor units in the PACi range, these units can be monitored via the internet, generating an alarm if there is a breakdown.

One of the main features of the PACi series is the possibility of adjusting the product for special applications, not just for regular heating and cooling applications. The PACi Elite range caters special applications that require cooling to maintain rooms between 8°CWB and 24°CWB (10°CDB - 30°CDB).

The perfect solution for:

- Wine cellars
- Ice cream factories
- Flower shops
- Supermarkets
- Grain stores
- Food storage
- Food processing
- Food distribution
- Lunchrooms
- Vegetable processing

Range of temperature for wine cellar



Low Temperature Compatible Unit Configurations

In order adjust the product for low temperature applications, in terms of enthalpy, the indoor unit needs to be over-dimensioned and certain parameters need to be adjustable. Below are the compatible configurations for each of the PACi Elite range.



Wall Mounted (PK)

Kit	low temp.36	low temp.50	low temp.60	low temp.71	low temp.100	low temp.125	low temp.140	low temp. 200	low temp. 250
Indoor Unit	S-60PK2E5B	S-71PK2E5B	S-100PK2E5B	S-60PK2E5B×2	S-71PK2E5B×2	S-71PK2E5B×2	S-100PK2E5B×2	N/A	N/A
Outdoor Unit	U-36PZH2E5	U-50PZH2E5	U-60PZH2E5	U-71PZH2E5/8	U-100PZH2E5/8	U-125PZH2E5/8	U-140PZH2E5/8	N/A	N/A

Ceiling Suspended (PT)

Kit	low temp. 36	low temp. 50	low temp. 60	low temp. 71	low temp. 100	low temp.125	low temp.140	low temp.200	low temp.250
Indoor Unit	S-60PT2E5B	S-71PT2E5B	S-100PT2E5B	S-125PT2E5B	S-140PT2E5B	S-140PT2E5B	S-100PT2E5B×2	S-125PT2E5B×2	S-140PT2E5B×2
Outdoor Unit	U-36PZH2E5	U-50PZH2E5	U-60PZH2E5	U-71PZH2E5/8	U-100PZH2E5/8	U-125PZH2E5/8	U-140PZH2E5/8	U-200PZH2E8	U-250PZH2E8

4 Way 90 x 90 Cassette (PU)

Kit	low temp. 36	low temp. 50	low temp. 60	low temp. 71	low temp. 100	low temp.125	Low temp.140	low temp.200	low temp.250
Indoor Unit	S-60PU2E5B	S-71PU2E5B	S-100PU2E5B	S-125PU2E5B	S-140PU2E5B	S-140PU2E5B	S-100PU2E5B×2	S-125PU2E5B×2	S-140PU2E5B×2
Outdoor Unit	U-36PZH2E5	U-50PZH2E5	U-60PZH2E5	U-71PZH2E5/8	U-100PZH2E5/8	U-125PZH2E5/8	U-140PZH2E5/8	U-200PZH2E8	U-250PZH2E8

Low Static Pressure Hide Away (PN)

Kit	low temp.36	low temp.50	low temp.60	low temp.71	low temp.100	low temp.125	low temp.140	low temp. 200	low temp. 250
Indoor Unit	S-60PN1E5B	S-71PN1E5B	S-100PN1E5B	S-125PN1E5B	S-140PN1E5B	S-140PN1E5B	S-100PN1E5B×2	S-125PN1E5B×2	S-140PN1E5B×2
Outdoor Unit	S-60PN1E5B	S-71PN1E5B	S-100PN1E5B	S-125PN1E5B	S-140PN1E5B	S-140PN1E5B	S-100PN1E5B×2	S-125PN1E5B×2	S-140PN1E5B×2

High Static Pressure Hide Away (PF)

Kit	low temp. 36	low temp. 50	low temp. 60	low temp. 71	low temp. 100	low temp.125	low temp.140	low temp.200	low temp.250
Indoor Unit	S-60PF1E5B	S-71PF1E5B	S-100PF1E5B	S-125PF1E5B	S-140PF1E5B	S-140PF1E5B	S-100PF1E5B×2	S-125PF1E5B×2	S-140PF1E5B×2
Outdoor Unit	U-36PZH2E5	U-50PZH2E5	U-60PZH2E5	U-71PZH2E5/8	U-100PZH2E5/8	U-125PZH2E5/8	U-140PZH2E5/8	U-200PZH2E8	U-250PZH2E8