

PTAC
UNITS



KLIMAIRE ≈

KTHC model

Features:



High efficiency compressor



Last generation technologies in temperature and humidity control



Duble Condensate Removal System



Effective air filtration



Easy cleaning Lifetime filters design



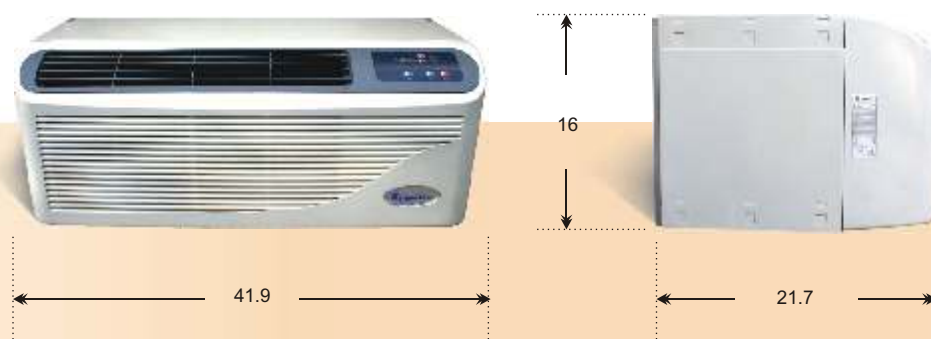
Ultra quiet operation



Sizes and compatibility:

Sizes according with international standards.

Klimaier units can use existing Cassis of any PTAC unit



See Inside



High-Tech Fan - for quiet operation.

The saw teeth curved blades of the fan are strategically curved and sized to maximize the air flow across the outside coil, minimizing energy consumption and increasing efficiency. The slinger ring throws condensate on the back and sides of the bent coil for additional cooling and reduces the amount of condensate that leaves the unit.



Easy-Clean Filter - The KLIMAIRE PTAC pull-out filter offers easy maintenance without opening the intake grille. Just simply slide out the filter for easy cleaning. Activated charcoal filters are also available as an option to absorb airborne odors.

Quick Condenser-Coil Cleaning - Easy access to KLIMAIRE'S Coil technology makes routine maintenance a snap - saving you money.

The entire top of the Coil shroud is easily removed. Now, the whole condenser can be cleaned, thoroughly and quickly, which improves heat transfer, maintains capacity and efficiency and significantly extends the compressor and sealed system life.

Exceptionally Quiet Operation Ultra balanced saw teeth shaped fan blades and dual fan motors assure whisper quiet performance. A very quiet rotary compressor powers this unit for assurance of quiet operation/

Convenient & Reliable Electronic Controls KLIMAIRE PTAC units come equipped with two controls for different applications. We also offer an optional wireless remote control.

● **Push Button:** Every unit is built with push button controls on the right hand side of the unit with an electronic receiver.

● **Remote Control: (optional)** Units can be equipped with an electronic remote control for easy and convenient use of the unit.

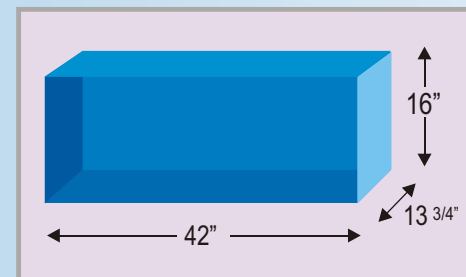
● **Electronic Wall LCD Thermostat:** This is the best solution & application for commercial applications as found in the hotel industry. The state of the art wired control with 10 ft cable & quick connect plug are included with the KLIMAIRE PTAC unit.



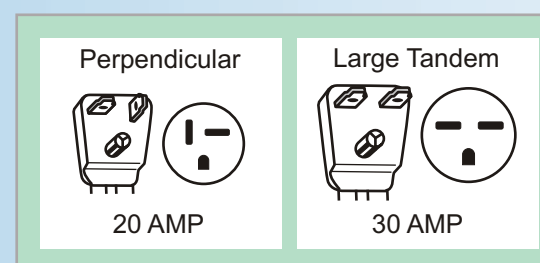
P7AC units KTHC model

Model Number		KTHC012-C2	KTHC012-C2	KTHC015-C2	KTHC015-C2	KTHC012-H2	KTHC015-H2
Cooling capacity	Btu/h	12,000	12,000	15,000	15,000	12,000	15,000
	kW	3,5	3,5	4,5	4,5	3,5	4,5
Heating capacity	Btu/h	—	—	—	—	11,000	14,000
	kW	—	—	—	—	3,3	4,2
Power consumption, cooling	kW	1,13	1,13	1,64	1,64	1,14	1,7
Power consumption, heating	kW	—	—	—	—	1,06	1,7
Input current, cooling	A	5	5	7,1	7,1	5	7,4
Input current, heating	A	—	—	—	—	4,6	7,4
EER	Btu/h / W	10,6	10,6	9,15	9,4	10,5	8,9
COP	W / W	—	—	—	—	3,11	2,5
Max pressure, exhaust side	psi	377	377	377	377	377	377
	MPa	2,6	2,6	2,6	2,6	2,6	2,6
Max pressure, suction side	psi	102	102	102	102	102	102
	MPa	0,7	0,7	0,7	0,7	0,7	0,7
Power supply	V / ph / Hz	208 230 / 1 / 60					
Indoor fan motor	Type	Transverse Motor					
Indoor fan motor input power	W	40	40	40	40	40	40
Indoor fan motor input current	A	0,18	0,18	0,18	0,18	0,18	0,18
Auxiliary electric heating, power	kW	3	5	3	5	3	3
Auxiliary electric heating, current	A	13,3	22	13,3	21,7	13,1	13,1
Air flow rate	cfm	400	400	400	400	400	400
	m ³ /h	680	680	680	680	680	680
Indoor noise level, high	dB(A)	45 50	45 50	45 50	45 50	45 50	45 50
Outdoor noise level, high	dB(A)	69	69	69	69	69	69
Outdoor motor, type	Type	Transverse Motor					
Outdoor motor, input power	kW	65	65	65	65	65	65
Compressor	Type	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Brand	Matsushita	Matsushita	Toshiba	Toshiba	Toshiba	Toshiba
Refrigerant	Type	R22	R22	R22	R22	R22	R22
Expansion device	Type	Capillar	Capillar	Capillar	Capillar	Capillar	Capillar
Refrigerant charge	lb	1,90	1,90	2,30	2,30	1,90	2,20
	kg	0,86	0,86	1,05	1,05	0,87	1,00
Unit size, L x W x H	in	41.9x21.7x16		41.9x21.7x16		41.9x21.7x16	
	mm	1063x550x406		1063x550x406		1063x550x406	
Package size, L x W x H	in	45.3x24.2x19.7		45.3x24.2x19.7		45.3x24.2x19.7	
	mm	1150x615x500		1150x615x500		1150x615x500	
Unit installation size, L x W	in	41.9x16.0		41.9x16.0		41.9x16.0	
	mm	1063x406		1063x406		1063x406	
Net weight	lb	134	134	139	139	141	143
	kg	61	61	63	63	64	65
Gross weight	lb	139	139	143	143	145	147
	kg	63	63	65	65	66	67

WALL SLEEVE DIMENSIONS



CORD PLUG AND WALL OUTLET (230/208V) AFCI Cord Included



MINIMUM WALL SLEEVE OPENING

