

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 acording with international standards.

Klimaire units can use existing Cassis of any PTAC unit



41.9



16

21.7

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/

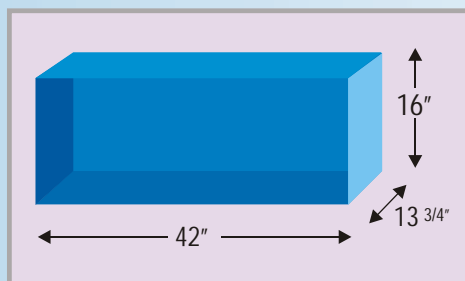
Convenient & Reliable Electronic Controls KLIMAIRE PTAC units come equipped with two controls for different applications. We also offer an optional wireless remote control.

- **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.

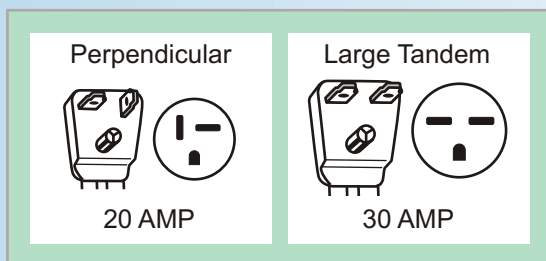


Model Number		KTHC009-C2	KTHC012-C2	KTHC015-C2	KTHC009-H2	KTHC012-H2	KTHC015-H2
Cooling capacity	Btu/h	9.000	12.000	15.000	9.000	12.000	15.000
	kW	2,8	3,5	4,5	2,7	3,5	4,5
Heating capacity	Btu/h	—	—	—	8.900	11.000	14.000
	kW	—	—	—	2,6	3,3	4,2
Power consumption, cooling	kW	0,88	1,13	1,64	0,88	1,14	1,7
Power consumption, heating	kW	—	—	—	0,81	1,06	1,7
Input current, cooling	A	4	5	7,1	3,8	5	7,4
Input current, heating	A	—	—	—	3,5	4,6	7,4
EER	Btu/h / W	10,7	10,6	9,15	10,5	10,5	8,9
COP	W / W	—	—	—	3,2	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			208 230 / 1 / 60		
Indoor fan motor	Type	Transverse Motor			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	3	3
Auxiliary electric heating, current	A	—	—	—	13,1	13,1	13,1
Air flow rate	cfm	325	400	400	330	400	400
	m ³ /h	550	680	680	560	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 Compressor			Rotary Compressor		
	Brand	Matsushita	Matsushita	Toshiba	Matsushita	Toshiba	Toshiba
Refrigerant	Type	R22	R22	R22	R22	R22	R22
Expansion device	Type	Capillar Tube			Capillar Tube		
Refrigerant charge	lb	1,65	1,90	2,30	1,65	1,90	2,20
	kg	0,75	0,86	1,05	0,75	0,87	1,00
Unit size, L x W x H	in	41.9x21.7x16			41.9x21.7x16		
	mm	1063x550x406			1063x550x406		
Package size, L x W x H	in	45.3x24.2x19.7			45.3x24.2x19.7		
	mm	1150x615x500			1150x615x500		
Unit installation size, L x W	in	41.9x16.0			41.9x16.0		
	mm	1063x406			1063x406		
Net weight	lb	128	134	139	136	141	143
	kg	58	61	63	62	64	65
Gross weight	lb	132	139	143	141	145	147
	kg	60	63	65	64	66	67

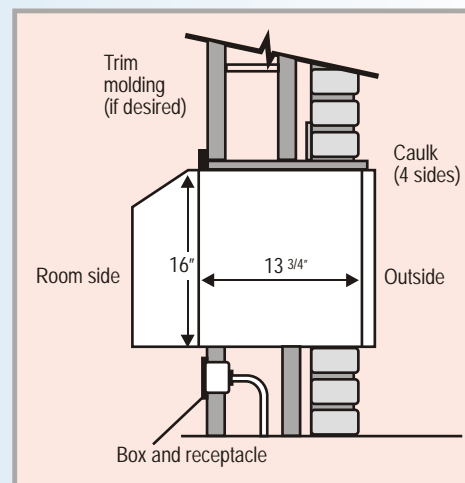
WALL SLEEVE DIMENSIONS



CORD PLUG AND WALL OUTLET (230208V) AFCI Cord Included



MINIMUM WALL SLEEVE OPENING



U.S.A. - Canada