

# RetroAire Replacement PTAC & PTHP SER Submittal

## Replacement Single/Dual-Motor PTAC & PTHP Model Decoding Structure

Code	Replacement Model			Refrig. Cycle	Cooling Capacity		Voltage	Heat	Controls	Air Options	Chassis Option	Condenser Coil	Compressor	Special Revision	Product Revision	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	<b>R</b>															
	R10, R11, R20, R21, R22, R23, R24, R25, R30, R35, R40, R41 & R45 Series				09 - 9,000 Btuh 12 - 12,000 Btuh 15 - 15,000 Btuh * 18 - 18,000 Btuh			0 - None 2 - 2kW Electric * 3 - 3kW Electric * 4 - 4kW Electric * 5 - 5kW Electric *			A - Standard D - Fedders Unizone * <b>X - Special</b>					
	C - Straight Cool Only H - Heat Pump *				A - 115/1/60Hz * D - 208-230/1/60Hz E - 265-277/1/60Hz <b>X - Special</b>			0 - None 8 - Hydronic * <b>X - Special</b>			A - Standard (Al/Cu) C - Coated (Al/Cu) <b>X - Special</b>		A - Tecumseh L - LG T - Toshiba			
								0 - Unit Mount w/ Electric or No Heat 1 - 24VAC T'stat* w/ Electric or No Heat 2 - Unit Mount w/ Hydronic Heat (Line Volt Vlv) 3 - 24VAC T'stat* w/ Hydronic Heat (Line Volt Vlv) 2 - Unit Mount w/ Hydronic Heat (24V Vlv) 5 - 24VAC T'stat* w/ Hydronic Heat (24V Vlv) <b>X - Special</b>			A - Bottom Return, No Fresh Air * B - Bottom Return, Motorized Fresh Air Damper * C - Front Return, No Fresh Air * D - Front Return, Motorized Fresh Air Damper * <b>X - Special</b>					

**\* Notes:**  
 18k Btuh available in Straight Cool ONLY, 208-230V. Not available on R25.  
 115V available in 9k Btuh w/ no heat only. Not available on R25.  
 Electric Heat Output @ 230V, for 265V see IOM/Spec Sheet for output  
 Hydronic heat wire connections ONLY; a coil must be field-installed. Not available on R25.  
 24VAC T'stat sold separately  
 Bottom Return not available on R23, R40, R41. R30 is universal bottom/front return, order as "Bottom".  
 Fedders Unizone option available on R20 ONLY (formerly R80)



**Specialization #1** Code# \_\_\_\_\_ Name: \_\_\_\_\_

Description: \_\_\_\_\_

**Technical Data:**


**Specialization #2** Code# \_\_\_\_\_ Name: \_\_\_\_\_

Description: \_\_\_\_\_

**Technical Data:**


**Specialization #3** Code# \_\_\_\_\_ Name: \_\_\_\_\_

Description: \_\_\_\_\_

**Technical Data:**


Estimated\* Unit Cost: \$

/ Each, based on a  -Piece Order

Attn: \_\_\_\_\_  
 From: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Unit Tag #: \_\_\_\_\_

<input type="checkbox"/> Approved		
<input type="checkbox"/> Approved w/ Changes		
<input type="checkbox"/> Rejected & Resubmit	Customer Signature	Date
		Title