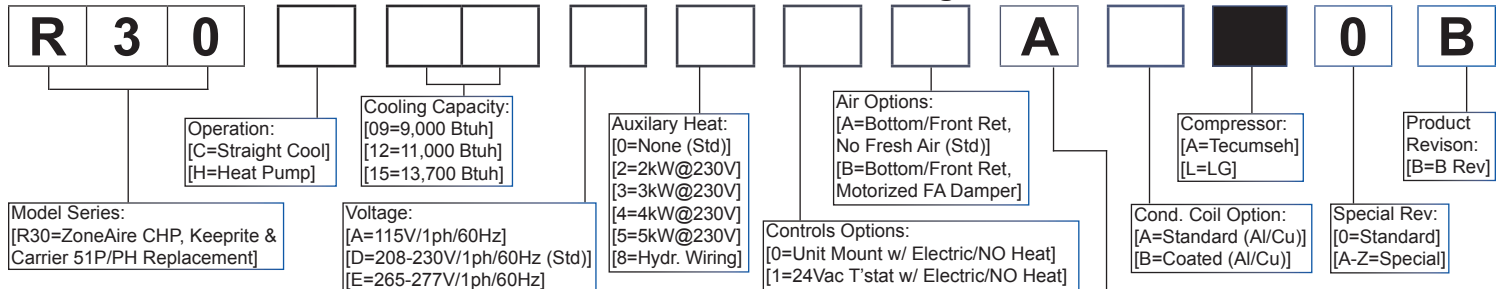


Specifications & Submittal Sheet

Replacement R30 Series Horizontal PTACs & PTHPs

R30 Series Model Decoding:



Important Selection Notes

- Htr #2/3/4 available on 265V, see p2 for output
- 115V available on 09 or 12 sizes, only
- Return Air is combination Front & Bottom
- 24Vac Remote thermostat sold separately

Order Qty

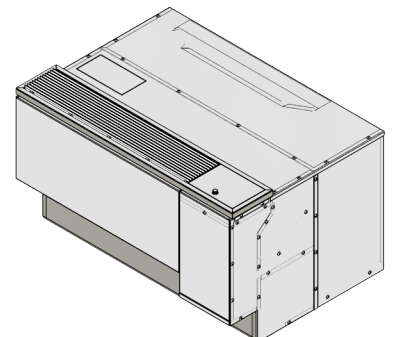


Please indicate the quantity of any field-installed accessory, desired for each unit

Thermostat, Single-Stage, 1-Heat/1-Cool, 24Vac, Programmable, ICM, Manual Changeover (PN 240008208)	Kit, Cabinet-Wall Sleeve, Combination, 6" Front, Aluminum-Outdoor & Supply Louvers, Control Door, R30 (PN 550000197)
Thermostat, 2-Stage, 2-Heat/2-Cool, 24Vac, Programmable, ICM, Manual Changeover (PN 240008209)	Kit, Extension, Existing Wall Sleeve, 2"D, R30 [Req'd for 13" Wall Sleeves] (PN 109000892)
Thermostat, Single-Stage, 1-Heat/1-Cool, 24Vac, Programmable, ICM, Auto Changeover (PN 240008210)	Kit, Cabinet Front, 4", R30 (PN 550000125)
Thermostat, T9000, Wireless, Battery, Single Stage, 1-Ht/1-Cl, 5/2-Prog, MCO [#240009905 also required] (PN 240009781)	Kit, Cabinet Front, 6", R30 [Req'd for 13" & 15" Wall Sleeves] (PN 550000088)
Remote Control Node, T9000, Printed Circuit Board, Wireless, 24Vac, 1/unit req'd [#240009781 also required] (PN 240009905)	Kit, Aquastat, Hydronic Heat, Hot Water Sensor-Relay [Energizes Fan] (PN 550000383)
Isolation Ball Valve, 1/2", Sweat Connections (PN 107000001)	Kits, Water Valves, w/ Actuator, 2/3-Way, Line/24Vac, NO/NC, Sweat (PN Several-Consult Factory)

DOE Performance Data (Tested to AHRI 310/380)

Model	Cooling Btuh (kW)	Sensible Heat Ratio	EER	Heat Pump Btuh (kW)	COP	Indoor	
						Airflow CFM (L/S)	Sound dB(A)
R30C09	9,000 (2.6)	0.70	8.98	N/A	N/A	375 (177)	58
R30H09	9,000 (2.6)	0.70	8.88	8,300 (2.4)	2.68	375 (177)	58
R30C12A	11,900 (3.5)	0.69	8.37	N/A	N/A	400 (189)	62
R30C12	11,000 (3.2)	0.68	8.56	N/A	N/A	400 (189)	62
R30H12	11,200 (3.3)	0.68	8.41	11,000 (3.2)	2.6	400 (189)	62
R30C15	13,700 (4.0)	0.63	7.98	N/A	N/A	400 (189)	62
R30H15	13,500 (3.9)	0.63	7.82	14,000 (4.1)	2.54	400 (189)	62



To: _____
 Date: _____
 From: _____
 Contact: _____

Project: _____
 Customer: _____
 Location: _____
 Engineer: _____
 Unit Tag# _____

For Your: ☐ Reference

☐ Approval

☐ Construction

Electrical, Dimensional and Miscellaneous Specifications

R30C09 & R30H09 - Electrical Data

Power Supply		Compressor		ID Fan Motor		OD Fan Motor		Electric Heat				Unit Electrical Ratings				
Voltage	Min V	RLA	LRA	FLA	Hp	FLA	Hp	Htr #	Htr V	Htr W	Htr A	TCA	THA	MCA	MOCP	Power
115V/1ph/60Hz	104	8.0	45.6	1.4	0.09	1.6	0.125	0	N/A	N/A	N/A	11.0	11	13.0	20	5-15P
								2	115	500	4.3					5-15P
								3	115	750	6.5					5-15P
								4	115	1000	8.7					5-15P
								5	115	1250	10.9					5-20P
208-230V/1ph/60Hz	197	4.0	22	0.6	0.08	0.71	0.09	0	N/A	N/A	N/A	5.3	4.6	5.6	15	6-15P
								2	208	1636	7.9		8.5	10.6	15	6-15P
									230	2000	8.7		9.3	11.6		
								3	208	2454	11.8		12.4	15.5	20	6-20P
									230	3000	13.0		13.6	17.1		
								4	208	3271	15.7		16.3	20.4	25	6-30P
									230	4000	17.4		18.0	22.5		
								5	208	4089	19.7		20.3	25.3	30	6-30P
									230	5000	21.7		22.3	28.0		
								265V/1ph/60Hz	240	3.32	18.8		0.67	0.08	0.71	0.09
2	265	2655	10.0	10.7	13.4	15	7-20P									
3	265	3983	15.0	15.7	19.6	20	7-20P									
4	265	5310	20.0	20.7	25.9	30	7-30P									

R30C12 & R30H12 - Electrical Data

Power Supply		Compressor		ID Fan Motor		OD Fan Motor		Electric Heat				Unit Electrical Ratings				
Voltage	Min V	RLA	LRA	FLA	Hp	FLA	Hp	Htr #	Htr V	Htr W	Htr A	TCA	THA	MCA	MOCP	Power
115V/1ph/60Hz	104	12.7	63	1.4	0.09	1.6	0.125	0	N/A	N/A	N/A	15.7	15.7	18.9	30	5-20P
								2	115	500	4.3					5-20P
								3	115	750	6.5					5-20P
								4	115	1000	8.7					5-20P
								5	115	1250	10.9					5-20P
208-230V/1ph/60Hz	197	5.6	29	0.6	0.08	0.71	0.09	0	N/A	N/A	N/A	6.9	6.9	8.3	15	6-15P
								2	208	1636	7.9		8.5	10.6	15	6-15P
									230	2000	8.7		9.3	11.6		
								3	208	2454	11.8		12.4	15.5	20	6-20P
									230	3000	13.0		13.6	17.1		
								4	208	3271	15.7		16.3	20.4	25	6-30P
									230	4000	17.4		18.0	22.5		
								5	208	4089	19.7		20.3	25.3	30	6-30P
									230	5000	21.7		22.3	28.0		
								265V/1ph/60Hz	240	4.6	20		0.67	0.08	0.71	0.09
2	265	2655	10.0	10.7	13.4	15	7-20P									
3	265	3983	15.0	15.7	19.6	20	7-20P									
4	265	5310	20.0	20.7	25.9	30	7-30P									

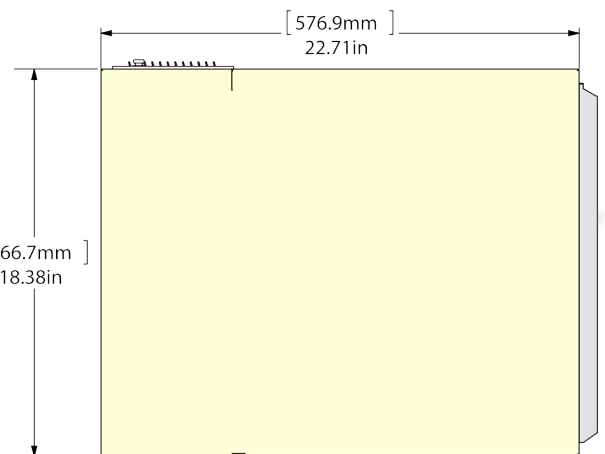
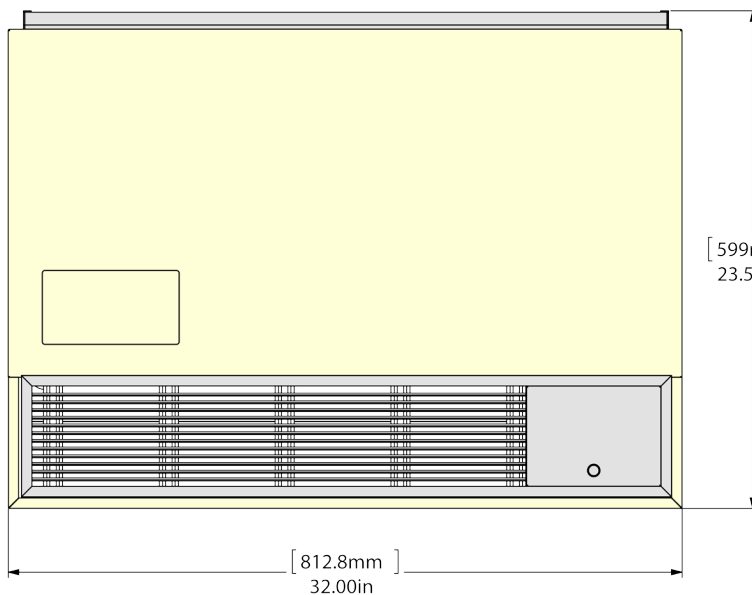
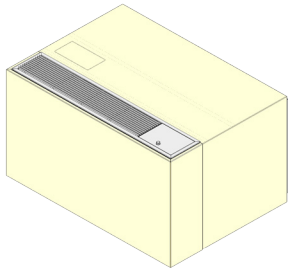
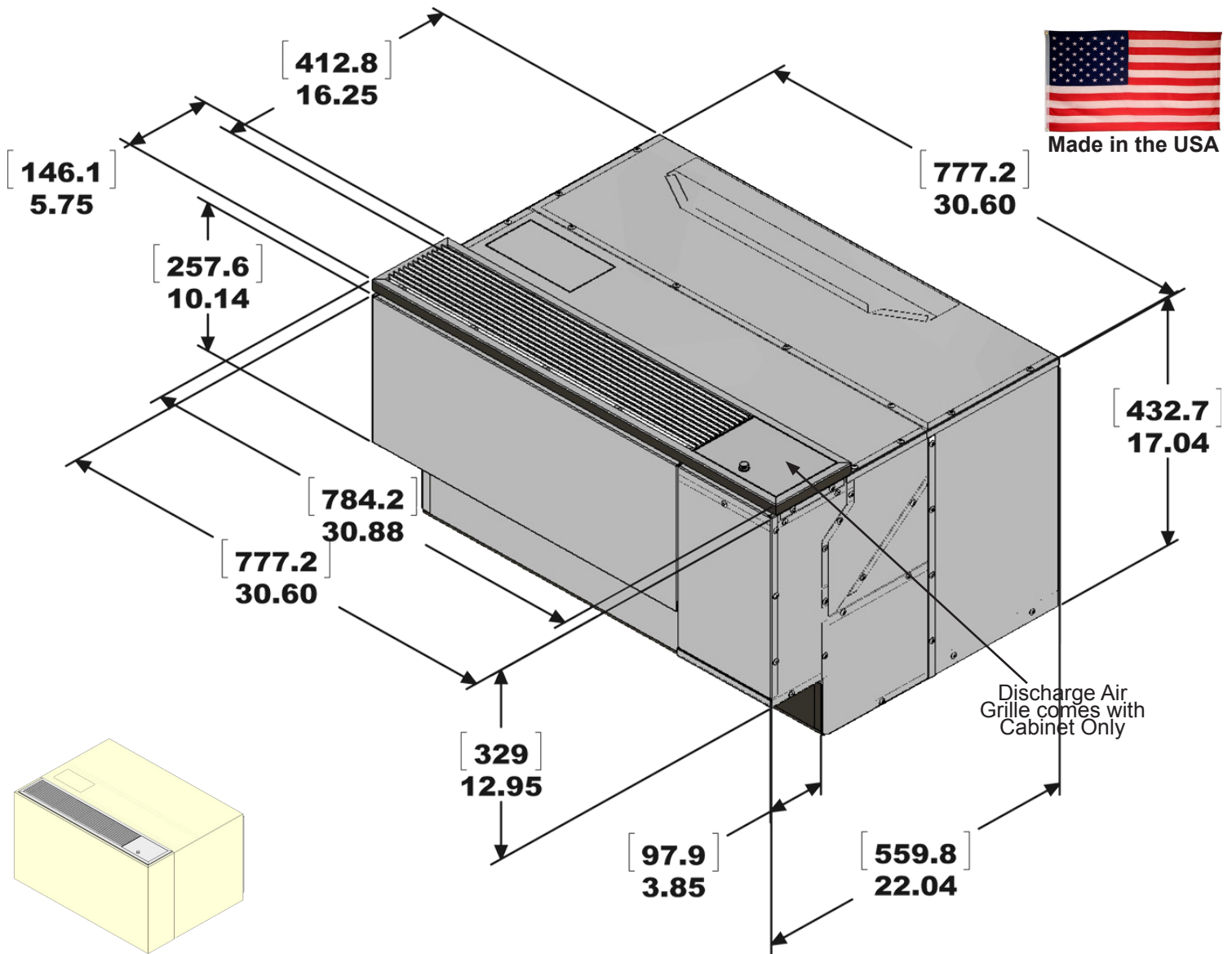
R30C15 & R30H15 - Electrical Data

Power Supply		Compressor		ID Fan Motor		OD Fan Motor		Electric Heat				Unit Electrical Ratings				
Voltage	Min V	RLA	LRA	FLA	Hp	FLA	Hp	Htr #	Htr V	Htr W	Htr A	TCA	THA	MCA	MOCP	Power
208-230V/1ph/60Hz	197	7.4	33	0.6	0.08	0.71	0.09	0	N/A	N/A	N/A	8.7	8.7	10.6	15	6-15P
								2	208	1636	7.9		8.5	10.6	15	6-15P
									230	2000	8.7		9.3	11.6		
								3	208	2454	11.8		12.4	15.5	20	6-20P
									230	3000	13.0		13.6	17.1		
								4	208	3271	15.7		16.3	20.4	25	6-30P
									230	4000	17.4		18.0	22.5		
								5	208	4089	19.7		20.3	25.3	30	6-30P
									230	5000	21.7		22.3	28.0		
								265V/1ph/60Hz	240	6.0	28		0.67	0.08	0.71	0.09
2	265	2655	10.0	10.7	13.4	15	7-20P									
3	265	3983	15.0	15.7	19.6	20	7-20P									
4	265	5310	20.0	20.7	25.9	30	7-30P									

Note: The listed THA value is the highest of both heating methods - heat pump & electric heat

NOTICE: Due to ongoing product development; design, specification and performance data listed within this submittal document are subject to change without notice. For the most current performance data, please refer to ECR International listings of certified products in the AHRI directory, or consult the factory.

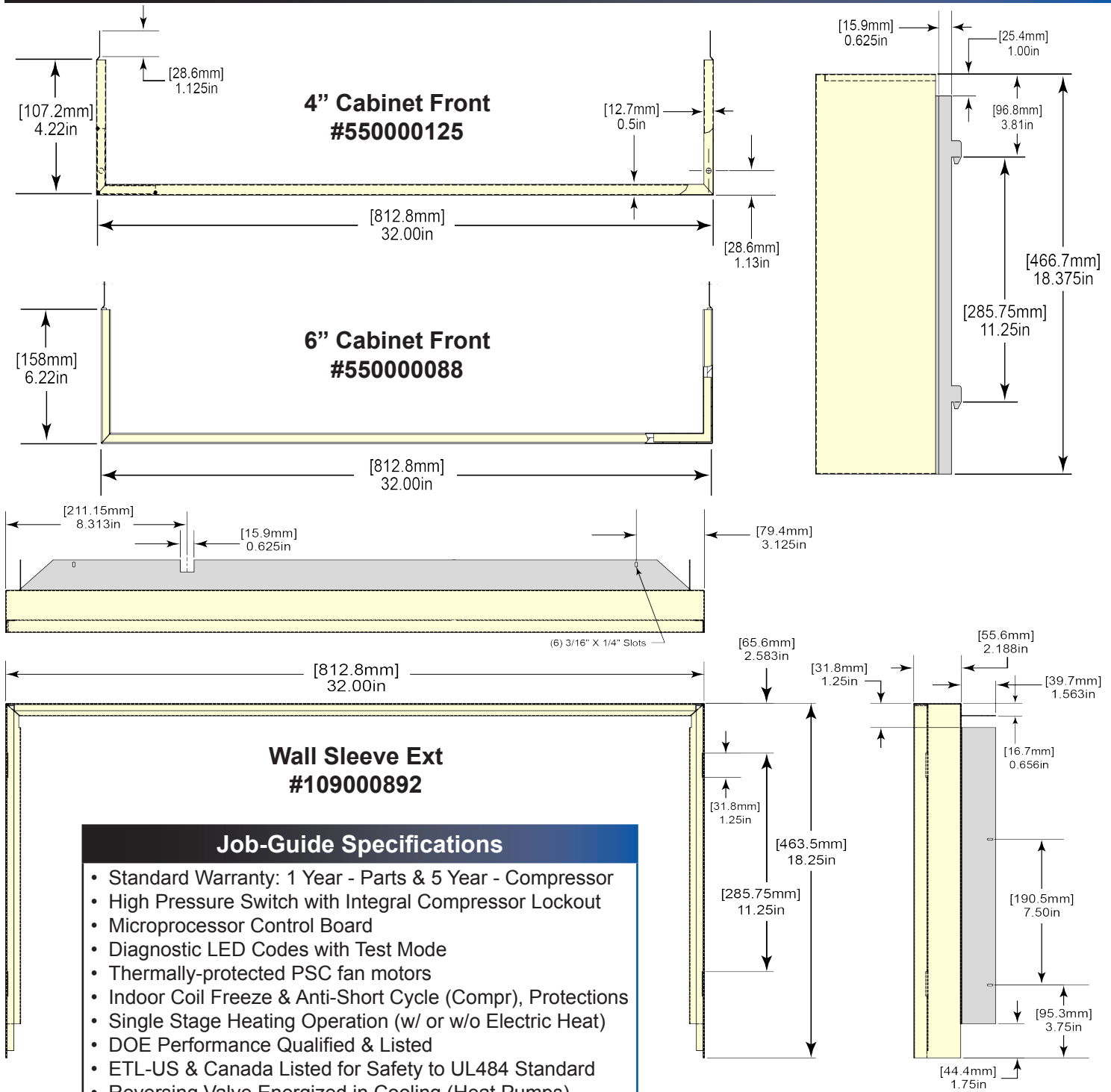
Chassis & Cabinet Dimensional Specifications



**Cabinet-Sleeve
Kit #550000197**

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Cabinet Front/Sleeve Extension Dimensions & Miscellaneous Product Data



Job-Guide Specifications

- Standard Warranty: 1 Year - Parts & 5 Year - Compressor
- High Pressure Switch with Integral Compressor Lockout
- Microprocessor Control Board
- Diagnostic LED Codes with Test Mode
- Thermally-protected PSC fan motors
- Indoor Coil Freeze & Anti-Short Cycle (Compr), Protections
- Single Stage Heating Operation (w/ or w/o Electric Heat)
- DOE Performance Qualified & Listed
- ETL-US & Canada Listed for Safety to UL484 Standard
- Reversing Valve Energized in Cooling (Heat Pumps)
- Meets ASHRAE 90.1-2013 for Replacement Efficiencies
- Direct replacement for: ZoneAire CSM/CHP, Keeprite Climette/Seasonall, Heil Quaker "C" & Carrier 51P/PH

Operating Range

Mode		OD Amb. Temp	ID Amb. Temp
Cooling	Max	117°F (47°C) DB	N/A
	Min	32°F (0°C) DB	60°F (19°C) DB
Heating	Max	75°F (24°C) DB	80°F (27°C) DB
	Min	40°F (4.4°C) DB	N/A

Miscellaneous Product Data

Return Air Filter	1-Washable Poly Mesh
RA Filter Dimensions	~30 1/2" x 16", Special
Shipping Dimensions	33" x 23 1/2" x 21"
Shipping Weight	140 lbs (64 kg)
Compressor Type	Rotary/R-410A
R30C09/12/15 Charge	22.5 / 23 / 25 Oz
R30H09/12/15 Charge	24 / 22.5 / 25.5 Oz
HP→Elec Ht (Option)	25°F-Coil / 40°F-Air Temp



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Phone: 800.325.5279 • Web: RetroAire.com

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