



**MAGIC- PAK®
THRU THE WALL PACKAGED COOLING**

3.2 to 7.4 kW (10 800 to 25 200 Btuh) Net Cooling Capacity
4.0 to 14.4 kW (13 800 to 49 100 Btuh) Electric Heat

FEATURES

Applications

- Completely self-contained.
- Ideal for apartments, condominium and hotels for individual control of units.
- No outside condensing unit, no external refrigerant lines, no separate indoor coil.
- Slide out cooling chassis.
- Pre-wired and pre-charged.

Completely Tested

- Each unit is factory run tested to ensure proper operation.

Unit Cabinet

- Baked-on powder paint finish provides rust and corrosion protection.
- Mounts flush with any wall.

Compressor

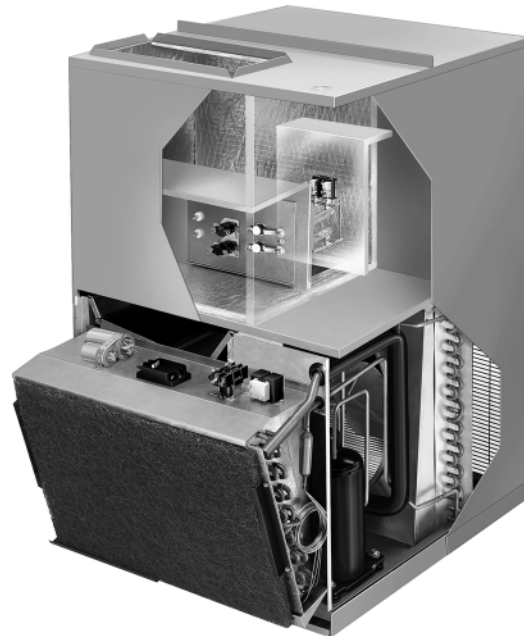
- High efficiency scroll or rotary compressor.
- Designed for dependable efficiency with minimum operating cost.
- Suction cooled and overload protected with internal pressure relief.
- Hermetically sealed with built-in protection from excessive current and temperatures.

Direct Drive Blower

- Units are equipped with quiet multi-speed direct drive blower.
- Each blower assembly is statically and dynamically balanced.
- Multiple-speed motor is resiliently mounted.
- See blower performance table.

Electric Heat

- Factory installed internal to unit cabinet with controls installed and wired.
- Available in 5, 10 and 15 kW sizes.
- Helix wound nichrome heating elements exposed directly in air stream resulting in instant heat transfer, low element temperatures and long service life.
- Each element equipped with limit control with fixed temperature off setting and automatic reset.



Unit Showing Slide-Out Cooling Section

Controls

- Standard trade available components.
- Color coded wiring for easy service.

Copper Tube/Enhanced Fin Coil

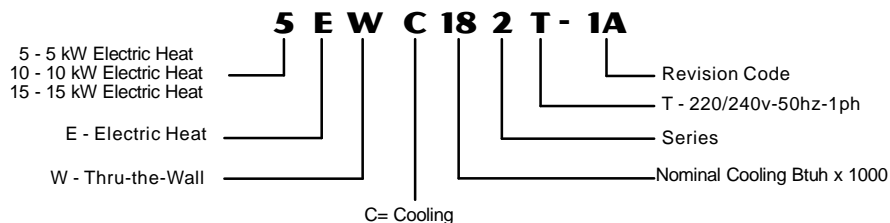
- Ripple-edged aluminum fins.
- Copper tube construction.
- Coil is factory tested under high pressure to insure leakproof construction.

ACCESSORIES

Wall Sleeve

- Use for roughing in opening for units.
- Unit cabinet slides into the wall sleeve for ease of installation.

IDENTIFICATION



SPECIFICATIONS

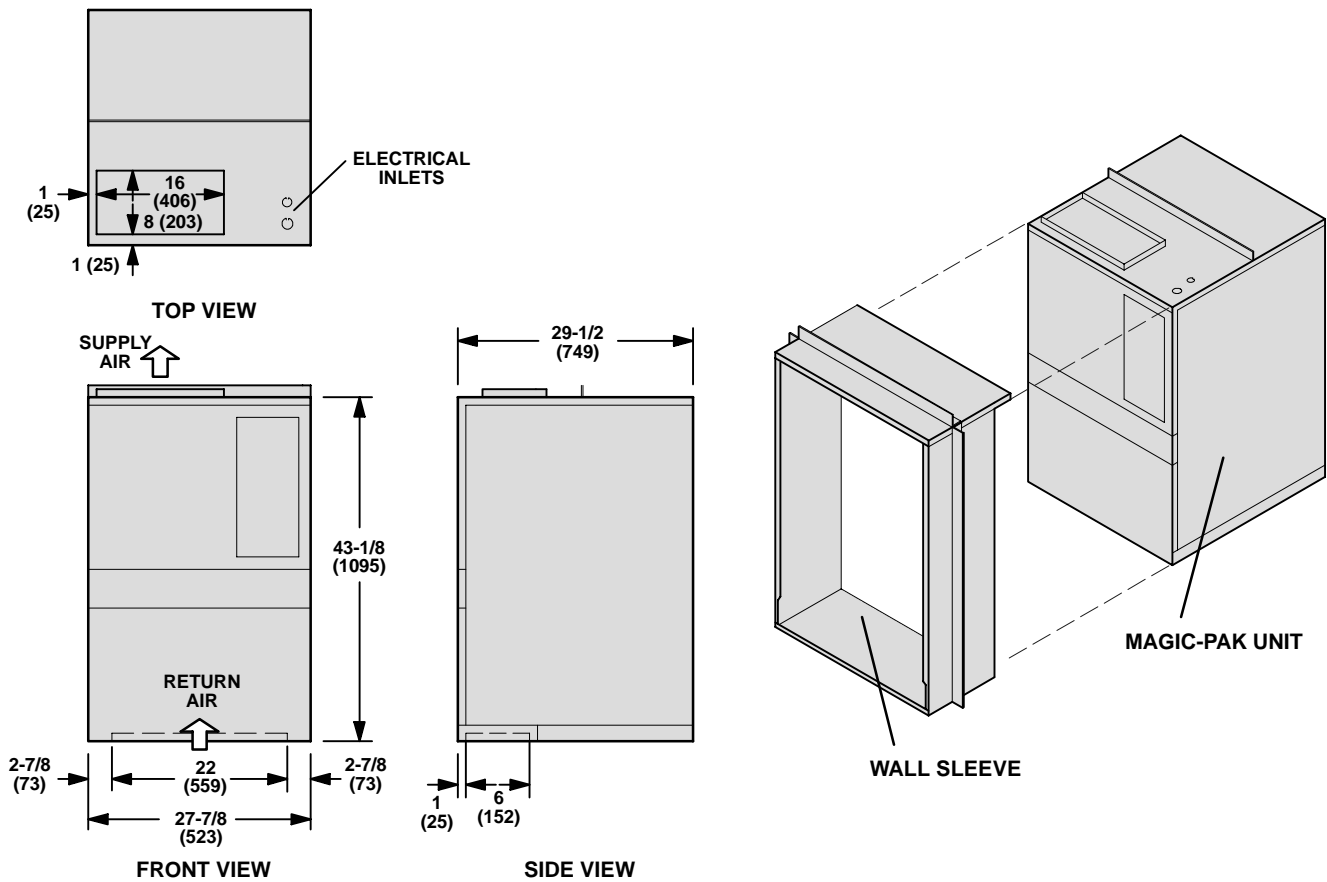
Model Number		5EWC-122	5EWC-182	10EWC-182	5EWC-242	10EWC-242	15EWC-242	10EWC-302	15EWC-302	
Cooling Data	kW (Btuh)	3.16 (10 800)	4.68 (16 000)		6.20 (21 200)			7.38 (25 200)		
	EER	9.0	8.8		8.7			9.0		
	Sensible/Total	0.78	0.74		0.75			0.68		
Outdoor Coil Fan	Diameter - mm (in.)	457 (18)								
	Motor output - W (hp)	93 (1/8)			186 (1/4)					
	Rev/Min	1075								
Indoor Blower	Blower wheel nominal diameter x width - mm (in.)	254 x 102(10 x 4)								
	Nominal motor output - W (hp)	124 (1/6)	249 (1/3)							
	Voltage & phase	220/240v - 1 ph								
Refrigerant charge furnished - kg (oz.) HCFC-22		1191 (42)	1389 (49)		1644 (58)			1673 (59)		
Shipping weight — kg (lbs.) 1 package		147 (325)	159 (350)		163 (360)			172 (380)		
Electrical Data	Line voltage and Phase - 50 hz		220/240v - 1 ph							
	Voltage range (minimum — maximum)		198-264 v							
	Compressor	Rated load amps	5.0	8.3		13.6			16.4	
		Locked rotor amps	26.3	49.0		61.0			83.0	
	Outdoor Fan Motor - Rated load amps		0.9			1.8				
	Electric Heater kW (Btuh)	220v	4 (13 800)		8.1 (27 500)	4 (13 800)	8.1 (27 500)	12.1 (41 300)	8.1 (27 500)	12.1 (41 300)
		240v	4.8 (16 300)		9.6 (32 700)	4.8 (16 300)	9.6 (32 700)	14.4 (49 100)	9.6 (32 700)	14.4 (49 100)
	Minimum Circuit Ampacity	220v	25	27	51	27	51	75	51	75
		240v	27	29	55	29	55	81	55	81
	Maximum Fuse/HACR Breaker	220v	30	30	60	30	60	80	60	80
240v		30	30	60	30	60	90	60	90	
OPTIONAL ACCESSORIES - Must Be Ordered Extra										
Wall Sleeve		CA-239 (40L33)								

NOTE — Refer to local electrical codes to determine wire, fuse and disconnect size requirements.

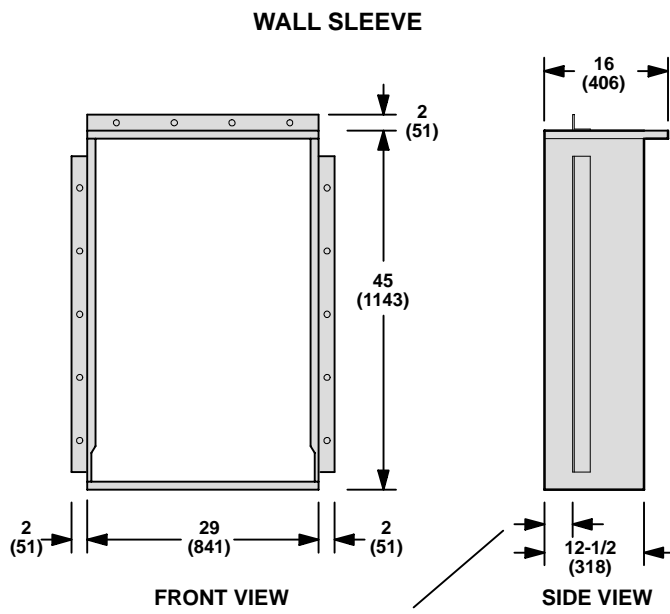
BLOWER PERFORMANCE

Model No.	Blower Speed	L/s (cfm) at external static pressure with filter - kPa (in. wc)			
		50 (0.2)	75 (0.3)	100 (0.4)	125 (0.5)
EWC122	High	265 (560)	250 (530)	235 (495)	220 (465)
	Medium	195 (410)	185 (390)	170 (365)	165 (345)
	Low	170 (355)	165 (350)	160 (335)	155 (330)
EWC182, EWC242, EWC302	High	355 (755)	335 (710)	315 (670)	295 (625)
	Medium	345 (730)	325 (690)	310 (655)	290 (610)
	Low	255 (540)	245 (520)	305 (650)	225 (475)

DIMENSIONS – INCHES (MM)



ACCESSORY DIMENSIONS – INCHES (MM)



Flange may be assembled 1 in. (25 mm) or 3-3/4 (95 mm) from front of sleeve.