

PURCHASER	P.O. #	DATE
PROJECT	LOCATION	
ENGINEER	ARCHITECT	
SUBMITTED BY	FOR APPROVAL	FOR REFERENCE

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	FRIEDRICH MODEL

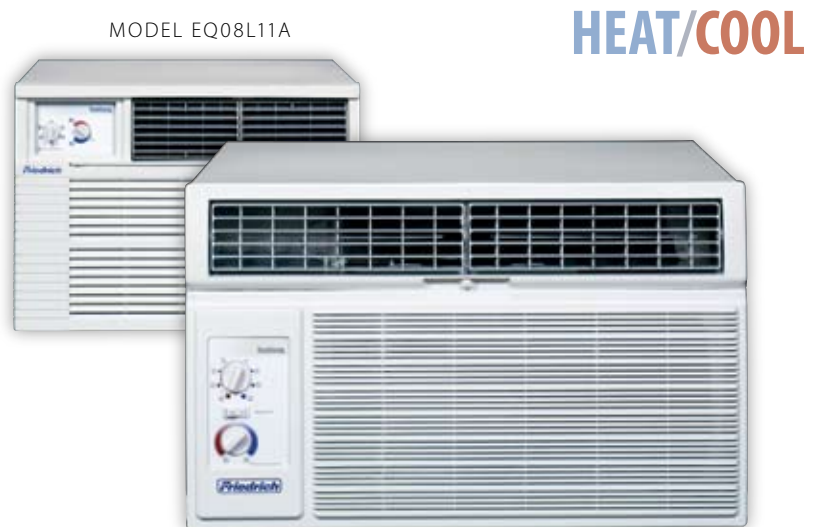
COMPACT SIZE FOR EASIER REMOVAL and STORAGE and FULL SIZE FOR MORE PERMANENT INSTALLATION

**C** COOLING 7,700 to 36,000 BTU/h **H** HEATING 4,000 to 22,000 BTU/h EERs up to 12.0

### DELUXE FEATURES

- Heat pumps are ideal for southern climates; heat pump and electric heat models provide supplemental heating in colder climates\*
- Ultraquiet operation
- MoneySaver® setting\*\* saves energy by cycling the fan with the compressor
- 3 cooling/3 heating speeds\*\*\*, plus fan-only setting
- Heat anticipating thermostat
- 8-way air flow control
- Defrost control (heat pumps)
- Fresh air intake and stale air exhaust vents\*
- Rotary controls
- Washable, antimicrobial filter for protection against fungal and bacterial growth
- Slide-out chassis for more permanent window or wall installation (window installation requires optional window kit)

TWINTEMP UNITS INSTALL THRU-WALL OR IN A WINDOW WITH OPTIONAL WINDOW KIT. SEE SPECIFICATIONS.



\* Feature not available on model YS09L10. \*\*Feature not available on model EQ08L11A. \*\*\*EQ08L11A has 2 cooling and 2 heating speeds, plus fan-only.

MONEY SAVER FEATURE	ANTIMICROBIAL FILTER	SLIDE-OUT CHASSIS
✓	✓	✓

# Specifications ENERGY STAR® Models

Model	Cooling Capacity BTU/h	Heating Capacity Rated	Electrical Characteristics (60 Hertz)				Energy Efficiency Ratio EER	Moisture Removal Pints/Hr.	Room Side Air Circulation CFM	Sleeve	Net Weight Lbs.	
			Volts Rated	Cooling Amps	Cooling Watts	Heating Amps						Heating Watts
<b>COMMERCIAL GRADE</b>												
<b>TWINTEMP Heat Pump</b>												
★ YS09L10**	9200	7400	115	7.4	767	6.9	733	12.0	1.7	300	S	113
★ YS13L33	12700/12500	11000/10500	230/208	5.1/5.6	1149/1131	5.3/5.8	1185/1167	11.0/11.0	3.5	325	S	117
YM18L34	18000/18000	16800/16400	230/208	8.5/9.5	1895/1895	8.5/9.0	1867/1822	9.5/9.5	4.7	400	M	166
★ YL24L35	24000/24000	22000/21600	230/208	10.9/12.0	2400/2400	11.0/12.0	2444/2400	10.0/10.0	7.0	600	L	198
<b>TWINTEMP Electric Heat</b>												
EQ08L11A	7700	4000	115	6.5	733	11.2	1290	10.5	1.9	175	Q	76
ES12L33	12100/11900	10700/8900	230/208	4.8/5.0	1052/1017	16.0/14.7	3500/2900	11.5/11.7	2.9	320	S	111
ES16L33	16200/15900	10700/8900	230/208	7.4/8.0	1653/1656	16.0/14.7	3500/2900	9.8/9.6	4.7	360	S	116
EM18L34	17800/17600	13000/10600	230/208	8.1/8.8	1780/1760	19.5/17.0	4200/3500	10.0/10.0	4.4	400	M	160
EM24L34	23500/23000	13000/10600	230/208	11.2/12.1	2479/2421	19.5/17.0	4200/3500	9.5/9.5	7.0	400	M	154
EL36L35A	36000/35700	17300/14300	230/208	18.0/19.6	4235/4200	24.0/22.4	5500/4650	8.5/8.5	11.0	725	L	220

\*\* Operates on 115 volt and is not equipped with supplemental heat. Will not provide heat at temperatures below 40°F. Friedrich room air conditioners are designed to operate in outdoor temperatures from 50° F to 115° F.




TwinTemp Heat Pump heating information (shown in red) indicates heat pump heating performance. TwinTemp Electric Heat heating information (shown in red) indicates electric heat strip performance. For TwinTemp Heat Pump electric heating performance refer to corresponding TwinTemp Electric Heat model.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.

## Installation Information / Sleeve Dimensions

Sleeve	Height	Width	Depth with Front	Depth Hood to Louvers	Minimum Extension Into Room	Minimum Extension Outside	Window Width		Thru-the-wall Finished Hole	
							Minimum	Maximum	Height	Width
Q	14"	19 3/4"	21 3/8"	8 1/2"	5 1/2"	10 3/4"	26"	42"	14 1/4"	20"
S	15 15/16"	25 15/16"	27 3/8"	8 3/4"	3 1/16"	16 15/16"	27 7/8"	42"	16 3/16"	26 3/16"
M	17 15/16"	25 15/16"	27 3/8"	8 3/4"	3 1/16"	16 15/16"	27 7/8"	42"	18 3/16"	26 3/16"
L	20 3/16"	28"	33 3/8"	16 1/2"	3 3/16"	18 15/16"	29 7/8"	42"	20 3/8"	28 1/4"

## Circuit Rating/ Breaker

Model	Circuit Rating Breaker or T-D Fuse	Plug Face (NEMA#)	Wall Outlet Appearance
EQ08L11A. YS09L10.	125V - 15A	5 - 15P	
ES12L33 and ES16L33. YS13L33.	250V - 20A	6 - 20P	
EM18L34, EM24L34 and EL36L35A. YM18L34 and YL24L35.	250V - 30A	6 - 30P	

## Window Mounting Kits

TwinTemp Model	Kit No.
EQ08L11A	WIKQ
ES12L33, ES16L33, YS09L10 and YS13L33.	WIKS
EM18L34, YM18L34 and EM24L35.	WIKM
EL36L35A and YL24L35.	WIKL

TWINTEMP® models include accessories for thru-the-wall installation only. Window mounting requires use of optional accessory kit as listed above.



★ As an ENERGY STAR® partner, Friedrich Air Conditioning Co. has determined that the selected ENERGY STAR® (★) models meet the ENERGY STAR® guidelines for energy efficiency.



The consumer- through the AHAM Room Air Conditioner Certification Program- can be certain that the AHAM Certification Seal accurately states the unit's cooling and heating capacity rating, the amperes and the energy efficiency ratio.



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