

AIR CONDITIONING INSTALLATION TIPS

<u>CHECKLIST TIPS</u>		<u>ATTIC INSTALLATION TIPS</u>		<u>OUTSIDE CONDENSER TIPS</u>		<u>PACKAGE UNIT TIPS</u>		<u>HOMEOWNERS NOTICE</u>	
1	Post Permit Card	1	Auxiliary drain pan under unit minimum 1.5" & no larger than 3"	1	Check Model numbers, need to match AHRI	1	Legible MFG Label	1	A part of your air conditioning system, the air handler, is in the attic. For proper efficient and economic operation of the air conditioning system, you must ensure that regular maintenance is performed
2	AHRI form must be w/permit card	2	Either a float in pan or separate drain from pan to conspicuous space	2	Check amps to meet the maximum and minimum.	2	Model numbers match with AHRI (for homeowner).	2	Your air conditioning system is equipped with one or both of the following:
3	Model #'s AHRI meet the new unit	3	Float not allowed in primary drain	3	Do not drain on or across concrete/walkway	3	Correct marking of heater manufacturer label.	3	A device that will alert you when the condensation drain is not working properly or a device that will shut the system down when the condensation drain is not working
4	KW Marked – manufacturer label	4	Drain line insulated in unconditioned spaces,	4	Proper slab minimum 3"	4	Proper seal of ducts to unit.	4	To limit potential damage to your home and to avoid disruption of service, it is recommended that you ensure proper working order of these devices before each season of peak operation.
5	Wire size correct per NEC	5	Light fixture & receptacle	5	Wiring & breakers. Breakers need to be marked.	5	Correct breakers per NEC & breakers marked.	5	Check proper clearance to permit cleaning and service – 100% accessible.
6	Breaker minimum/maximum per label	6	Passageway (walk boards to A/H) & service platform. Minimum of 30" in front of A/H.	6	Drain minimum off wall	6	Ducts 3" above earth	6	Any new equipment installed as standalone (filter, scrubber, etc.) must be within 6' of access unobstructed.
7	Both ends of air handler sealed & mechanically attached	7	A luminaire (light) controlled by a switch located at the required passageway opening.	7	Proper anchoring per	7	Protection of exposed ducts (rain shield)	7	IMPORTANT: Existing buildings that undergo renovations exceeding 30% of their value must comply with ALL provisions of the new energy code.
8	No exposed flex in garage (unprotected)	8	Label on electric panel	8	Strap drain if required per to avoid breakage.	8	Proper Slab 3"	8	
9	Drain in secondary in garage, float not permitted in primary.	9	Ladder must be available for inspector when appointment is made for final.	9	Rodent proof line cover	9	Proper drain-not on concrete slip/trip	9	
10	Horizontal drains insulated in unconditioned space.	10		10	Locking access port caps	10	Proper anchoring	10	
11	Label on electrical panel Label must match new unit	11		11	Insulation of refrigerant piping. (duct tape not permitted)	11		11	