

American Recovery and Reinvestment Act (ARRA) of 2009

AIREASE™

also includes:

Boilers
Ductless Split Systems
Water Heaters
Solar Water Heating
Geothermal Heat Pumps



R.E. MICHEL COMPANY INC.

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EQUIPMENT • PARTS • SUPPLIES

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Tax Credit in Brief

The American Recovery and Reinvestment Act of 2009 makes important changes to existing tax incentives for homeowners who make qualified improvements of higher efficiency HVAC and water heating equipment to their primary residences.

- Larger Tax Credit:* Homeowners may be able to claim tax credits equal to 30% of the installed costs up to \$1,500. This includes labor.
- Longer Term:* New tax credits are retroactive to January 1, 2009 and expire on December 31, 2010.
- Lifetime Limit Removed:* Homeowners that claimed tax credits in 2006 and 2007 are eligible for the full \$1,500.
- “Bank” Credits:* Any remaining tax credits not used in 2009 can be used in 2010 up to the full \$1,500
- Claims:* Homeowners use Form 5695, Residential Energy Efficient Property Credit. Tax credits are applied against the taxpayers liability. Consult your tax professional for more detailed information.

Geothermal Tax Credit

Homeowners may be able to claim up to 30% of the installed costs in tax credits in the year the system is placed into service. **The \$2,000 tax credit limit has been removed.** Geothermal tax credits are effective from January 1, 2009 through December 31, 2016.

Geothermal Heat Pump (30% of total installation eligible, no dollar cap*)	Closed Loop 14.1 EER 1 3.3 COP	Open Loop 16.2 EER 3.6 COP	Direct Expansion 15 EER 3.5 COP
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**Solar electric, solar hot water, and wind also eligible, including new construction*

Tax Credit Efficiency Requirements

Product	Minimum Requirements
Split System Air Conditioner	16 SEER & 13 SEER
Split System Electric Heat Pump	15 SEER, 12.5 EER & 8.5 HSPF
Packaged Gas/Electric	14 SEER & 12 EER
Packaged Air Conditioner	14 SEER & 12 EER
Packaged Electric Heat Pump	14 SEER, 12 EER & 8 HSPF
Gas Furnace	95% AFUE

Note: No guarantees are given or implied as to the eligibility of an individual to receive a tax credit under this program or how such credit would apply. Please consult a tax professional to determine eligibility for and application of the credit(s).

Armstrong Air AIR CONDITIONING SPLIT SYSTEMS

Outdoor Unit Catalog #	Outdoor Unit Model #	Indoor Unit Catalog #	Air Handler or Coil	Mod. Blower or Furnace	AHRI #
10H1602	4SCU16LT124P	4A405	AE47636E175B	EFV08BC EFV12BC G2D80BT050V12B G2D80BT075V14B G2D80BT100V14B G2D95CT040V12B G2D95CT060V14B G2D95CC040V12B G2D95CC060V14B	3429076 3429077 3429078 3429078 3429078 3429079 3429079 3429079 3429079
10H1592	4SCU18LT124P	10H1333V	BCS2M36V00NA1P *		3391799
10H1592	4SCU18LT124P	10H1041B	EU1P43B *	EFV08BC G2D80BT075V14B G2D80BT100V14B G2D80BT050V12B G2D95CT040V12B G2D95CC040V12B LUF80C57/72V12 LUF80C84/95V14 LBF80C84/95V14 LBR80C84/95V14 LHF80C84/95V12 LHR80C84/95V12	3391805 3391807 3391807 3391806 3391808 3391808 3391811 3391810 3391810 3391810 3391811 3391811
<i>*Requires 10H1885 txv</i>					
10H1592	4SCU18LT124P	10H1021B	EC1P43B *	EFV08BC G2D80BT050V12B G2D80BT075V14B G2D80BT100V14B G2D95CT040V12B G2D95CC040V12B LUF80C57/72V12 LUF80C84/95V14 LBF80C84/95V14 LBR80C84/95V14 LHF80C84/95V12 LHR80C84/95V12	3391805 3391807 3391807 3391806 3391808 3391808 3391811 3391810 3391810 3391810 3391811 3391811
10H1592	4SCU18LT124P	4A405	AE47636E175B	EFV08BC G2D80BT050V12B G2D80BT075V14B G2D80BT100V14B G2D95CT040V12B G2D95CC040V12B	3429080 3429081 3429082 3429082 3409083 3409083
10H1592	4SCU18LT124P	10H1057B	EM1P43B *	EFV08BC G2D80BT050V12B G2D80BT075V14B G2D80BT100V14B G2D95CT040V12B G2D95CC040V12B LUF80C57/72V12 LUF80C84/95V14 LBF80C84/95V14 LBR80C84/95V14 LHF80C84/95V12 LHR80C84/95V12	3391805 3391807 3391807 3391806 3391808 3391808 3391811 3391810 3391810 3391810 3391811 3391811

Outdoor Unit Catalog #	Outdoor Unit Model #	Indoor Unit Catalog #	Air Handler or Coil	Mod. Blower or Furnace	AHRI #
10H1594	4SCU18LT136P	4A405	AE47636E175B	G2D80BT050V12B G2D80BT075V14B G2D80BT100V14B G2D95CT040V12B G2D95CT060V14B G2D95CC040V12B	3429084 3429085 3429085 3429086 3429087 3429086
*Requires 10H1885 txv All of the above meet, or exceeds 16 SEER and 13 EER.					
10H1596	4SCU18LT148P	4A413	HD54660D252B **	EFV20DC G2D80CT150V20D G2D95CC100V20D G2D95CC125V20D	3397173 3409131 3397184 3397184
Note ** This coil is 25.5" wide and will require field transition to furnace/air handler					
10H1597	4SCU18LT160P	4A413	HD54660D252B **	EFV20DC G2D80CT125V20C G2D80CT150V20D G2D95CC080V20C G2D95CC100V20D G2D95CC125V20D G2D95CT080V20C G2D95CT100V20C G2D95CT125V20C	3334639 3409134 3409135 3397185 3409135 3409135 3397185 3397185 3397185
Note ** This coil is 25.5" wide and will require field transition to furnace/air handler					

Armstrong Air PACKAGED AIR CONDITIONING SYSTEMS

REM Cat #	Manufacturer Model #	AHRI #
10H1140	4PGE15E24068LP	3391385
10H1141	4PGE15E30068LP	3391386
10H1142	4PGE15E36068LP	3391387
10H1143	4PGE15E36090LP	3391387
10H1144	4PGE15E42083LP	3391388
10H1145	4PGE15E42110LP	3391388

Armstrong Air HEAT PUMP SYSTEMS

Outdoor Unit Catalog #	Outdoor Unit Model #	Indoor Unit Catalog #	Air Handler or Coil	Mod. Blower or Furnace	AHRI #
10H1456	2SHP14LE142P	10H1335V	BCS2M48V *		3392021
10H1457	2SP14LE148P	10H1335V	BCS2M48V *		3392023
*Requires 10H180B TXV					
10H1447	4SHP14LE130P	10H1333V	BCS2M36V *		3392168
*Requires 10H1885 TXV					
10H1448	4SHP14LE136P	10H1334V	BCSM42V *		3392180
10H1449	4SHP14LE142P	10H1335V	BCS2M48V *		3392192
10H1450	4SHP14LE148P	10H1335V	BCS2M48V *		3392204
*Requires 10H1886 TXV					
10H1606	4SHP18LT124P	10H1045 10H1025 10H1025M	EU1P49CN * EC1P49CG * EC1P49CM *	EFV16CC EFV16CC EFV16CC	3392271 3392271 3392271
10H1069	EH1P49CM *	4A412	AE47936E210B	EFV16CC EFV16CC	3429088 3392271

Outdoor Unit Catalog #	Outdoor Unit Model #	Indoor Unit Catalog #	Air Handler or Coil	Mod. Blower or Furnace	AHRI #
10H1606	4SHP18LT124P	10H1045	EU1P49CN *	G2D95CT080V16C	3392272
		10H1025	EC1P49CG *	G2D95CT080V16C	3392272
		10H1025M	EC1P49CM *	G2D95CT080V16C	3392272
		10H1069	EH1P49CM *	G2D95CT080V16C	3392272
		4A412	AE47936E210B	G2D95CT080V16C	3429089
					G2D95CT080V16C
10H1607	4SHP18LT136P	10H1335V	BCS2M48V *		3392275
		10H1046	EU1P62C *	EFV16CC	3392276
		10H1026	EC1P62CG *	EFV16CC	3392276
		10H1026M	EC1P62CM *	EFV16CC	3392276
		10H1071	EH1P62CM *	EFV16CC	3392276
		10H1046	EU1P62C *	G2D95CT080V16C	3392278
		10H1026	EC1P62CG *	G2D95CT080V16C	3392278
		10H1026M	EC1P62CM *	G2D95CT080V16C	3392278
		10H1071	EH1P62CM *	G2D95CT080V16C	3392278
		10H1046	EU1P62C *	G2D95CT080V20C	1428726
		10H1026	EC1P62CG *	G2D95CT080V20C	1428726
		10H1026M	EC1P62CM *	G2D95CT080V20C	1428726
		10H1071	EH1P62CM *	G2D95CT080V20C	1428726

*Requires 10H1885 TXV

Above Heat Pump systems meet, or exceed 15 SEER, 12.5 EER, and 8.5 HSPF.

Armstrong Air PACKAGED HEAT PUMP SYSTEMS

REM Cat #	Manufacturer Model #	AHRI #
10H1180	4PHP15E24P	1007646
10H1181	4PHP15E30P	1007636
10H1182	4PHP15E36P	1007638
10H1183	4PHP15E42P	1007640

Armstrong Air FURNACES - GAS

REM Cat #	Manufacturer Model #	AHRI #
10H250T	G2D95CT040V12B	849517
10H251T	G2D95CT060V14B	849518
10H252T	G2D95CT080V16C	849519
10H253T	G2D95CT080V20C	849520
10H254T	G2D95CT100V20C	849521
10H250T	G2D95CC040V12B	289854
10H251T	G2D95CC060V14B	289855
10H252T	G2D95CC080V16C	289856
10H253T	G2D95CC080V20C	289857
10H254T	G2D95CC100V20D	289858

BOILERS

REM Cat #	Mfr Series #	Mfr Model #	AHRI #
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BUDERUS - OIL AND GAS FIRED

2W610N	Logano	GB142-24 (Gas)	366569
2W612N	Logano	GB142-30 (Gas)	366570
2W614N	Logano	GB142-45 (Gas)	366571
2W616N	Logano	GB142-60 (Gas)	366572

BURNHAM - GAS FIRED

REM Cat #	Mfr Series #	Mfr Model #	AHRI #
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2W780	ALPINE	ALP80	324245
2W781	ALPINE	ALP105	324246
2W782	ALPINE	ALP150	342247
2W783	ALPINE	ALP210	342248
2W784	ALPINE	ALP285	342249
2W775	FREEDOM	FCM70	584949
2W777	FREEDOM	FCM120	584947
2W770	CHG	CHG150	584956
2W113N	REVOLUTION	RVII3	54865

HEAT TRANSFER - GAS FIRED

REM Cat #	Mfr Series #	Mfr Model #	AHRI #
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9W397	Munchkin	T50M	790447
9W400N	Munchkin	80M	790441
9W398	Munchkin	T80M	790448
9W402N	Munchkin	140M	790442
9W404NA	Munchkin	199M	790443
9W406N	Munchkin	399M	790449

REM Cat #	Mfr Series #	Mfr Model #	AHRI #
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UTICA - GAS FIRED

2W459N	UB90	UB90-75	208603
2W460N	UB90	UB90-100	208602
2W462N	UB90	UB90-125	208601
2W463N	UB90	UB90-150	208600
2W464N	UB90	UB90-200	208598
2W466N	UB95	UB95-200M	162033

DUCTLESS SPLIT SYSTEMS

REM Cat #	Mfr Series #	Mfr Model #	AHRI #
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2H1146A 2H1146B	9RLQ system	ASU9RLQ Indoor unit AOU9RLQ Outdoor unit	872447
2H1147A 2H1147B	12RLQ system	ASU12RLQ Indoor unit AOU12RLQ Outdoor unit	872452
2H1148A 2H1148B	15RLQ system	ASU15RLQ Indoor unit AOU15RLQ Outdoor unit	1040338

REM Cat #	Mfr Series #	Mfr Model #	AHRI #
2H1156A 2H1156B	9RLS system	ASU9RLS Indoor unit AOU9RLS Outdoor unit	3302798
2H1158A 2H1158B	12RLS system	ASU12RLS Indoor unit AOU12RLS Outdoor unit	3302799

SANYO HEAT PUMPS

REM Cat #	Mfr Series #	Mfr Model #	AHRI #
3H826B 3H826A	09KHS71 system	CH0971 Outdoor unit KHS0971 Indoor unit	1130538
3H839B 3H839A (2)	Flexi-Multi	CMH1972 outdoor unit (2 ea) KMHS0772 indoor units	3017692
3H839B 3H839A (1) 3H840A (1)	Flexi-Multi	CMH1972 outdoor unit (1 ea) KMHS0772 indoor unit (1 ea) KMHS0972 indoor unit	3017692
3H839B 3H839A (1) 3H841A (1)	Flexi-Multi	CMH1972 outdoor unit (1 ea) KMHS0772 indoor unit (1 ea) KMHS1272 indoor unit	3017692
3H839B 3H840A (2)	Flexi-Multi	CMH1972 outdoor unit (2 ea) KMHS0972 indoor unit	3017692
3H839B 3H840A (1) 3H841A (1)	Flexi-Multi	CMH1972 outdoor unit (1 ea) KMHS0972 indoor unit (1 ea) KMHS1272 indoor unit	3017692
3H839B 3H839A (3)	Flexi-Multi	CMH1972 outdoor unit (3 ea) KMHS0772 indoor units	3017692
3H839B 3H839A (2) 3H840A (1)	Flexi-Multi	CMH1972 outdoor unit (2 ea) KMHS0772 indoor unit (1 ea) KMHS0972 indoor unit	3017692

The above heat pumps meet, or exceed 15 SEER, 12.5 EER and 8.5 HSPF requirements.

WATER HEATERS

RINNAI

REM Cat #	Mfr Series #	Mfr Model #	AHRI #
11H2003	R50LSi (Lp gas)	REU-VA2019FFUD-US	580237
11H2005	R50LSi (Nat gas)	REU-VA2019FFUD-US	580237
11H2501	R75LSi (Nat gas)	REU-VA2528FFUD-US	580227
11H2502	R75LSi (Lp gas)	REU-VA2528FFUD-US	580227
11H2503	R94LSi (Nat gas)	REU-VA2535FFUD-US	397182
11H2504	R94LSi (Lp gas)	REU-VA2535FFUD-US	397182
11H2505	R75LSe (Nat gas)	REU-VA2528FFUD-US	580223
11H2506	R75LSe (Lp gas)	REU-VA2528FFUD-US	580223
11H2507	R94LSe (Nat gas)	REU-VA2535WD-US	580231
11H2508	R94LSe (Lp gas)	REU-VA2535WD-US	580231
11H2521	V53 (Nat gas)	REU-VAM1620W-US	366469

Above water heaters have an energy factor of 0.82 or higher.

SOLAR WATER HEATING

At least ½ of the energy generated by the “qualifying property” must come from the sun. Only the portion for potable water heating is eligible. The entire water heating system for the household is not eligible.

BUDERUS

REM Cat #	Mfr Series #	AHRI #
2W632	SKS4.0	SKS4.0-2
2W633	SKS4.0	SKS4.0-3

The above have a thermal efficiency rating of 75% or higher

GEOHERMAL SYSTEMS

GEOCOMFORT PACKAGED SYSTEMS

REM Cat #	Mfr Series #	Mfr Model #	AHRI #
10G120	GS024	GS024A11LT1CA	3000389
10G120B	GS024	GS024B11LT1CA	3000389
10G120R	GS024	GS024A11RT1CA	3000389
10G120RB	GS024	GS024B11RT1CA	3000389
10G125	GS024	GS024A11LB1CA	3000389
10G125B	GS024	GS024B11LB1CA	3000389
10G125R	GS024	GS024A11RB1CA	3000389
10G125RB	GS024	GS024B11RB1CA	3000389
10G130	GS024	GS024A11LT0CA	3000389
10G130R	GS024	GS024A11RT0CA	3000389
10G134	GS024	GS024A11LB0CA	3000389
10G121	GS036	GS036A11LT1CB	3000391
10G121B	GS036	GS036B11LT1CB	3000391
10G121R	GS036	GS036A11RT1CB	3000391
10H121RB	GS036	GS036B11RT1CB	3000391
10G126	GS036	GS036A11LB1CB	3000391
10G126B	GS036	GS036B11LB1CB	3000391
10G126R	GS036	GS036A11RB1CB	3000391
10G131	GS036	GS036A11LT0CB	3000391
10G131R	GS036	GS036A11RT0CB	3000391
10G135	GS036	GS036A11LB0CB	3000391
10G135R	GS036	GS036A11RB0CB	3000391

REM Cat #	Mfr Series #	Mfr Model #	AHRI #
10G122	GS048	GS048A11LT1CC	3000393
10G122B	GS048	GS048B11LT1CC	3000393
10G122R	GS048	GS048A11RT1CC	3000393
10G122RB	GS048	GS048B11RT1CC	3000393
10G127	GS048	GS048A11LB1CC	3000393
10G127B	GS048	GS048B11LB1CC	3000393
10G127R	GS048	GS048A11RB1CC	3000393
10G127RB	GS048	GS048B11RB1CC	3000393
10G132	GS048	GS048A11LT0CC	3000393
10G132R	GS048	GS048A11RT0CC	3000393
10G136	GS048	GS048A11LB0CC	3000393
10G136R	GS048	GS048A11RB0CC	3000393
10G123	GS060	GS060A11LT1CD	3000394
10G123B	GS060	GS060B11LT1CD	3000394
10G123R	GS060	GS060A11RT1CD	3000394
10G123RB	GS060	GS060B11RT1CD	3000394
10G128	GS060	GS060A11LB1CD	3000394
10G128B	GS060	GS060B11LB1CD	3000394
10G128R	GS060	GS060A11RB1CD	3000394
10G128RB	GS060	GS060B11RB1CD	3000394
10G133	GS060	GS060A11LT0CD	3000394
10G133R	GS060	GS060A11RT0CD	3000394
10G137	GS060	GS060A11LB0CD	3000394
10G137R	GS060	GS060A11RB0CD	3000394
10G124	GS072	GS072A13LT1CD	3000395
10G124B	GS072	GS072B13LT1CD	3000395
10G124R	GS072	GS072A13RT1CD	3000395
10G124RB	GS072	GS072B13RT1CD	3000395
10G129	GS072	GS072A13LB1CD	3000395
10G129B	GS072	GS072B13LB1CD	3000395
10G129R	GS072	GS072A13RB1CD	3000395
10G129RB	GS072	GS072B13RB1CD	3000395
10G096	GT024	GT024B11RE1NA	3071450
10G100	GT024	GT024B11LT1CA	3071450
10G100R	GT024	GT024B11RT1CA	3071450
10G105	GT024	GT024B11LB1CA	3071450
10G105R	GT024	GT024B11RB1CA	3071450
10G097	GT036	GT036B11RE1NB	3000396
10G101	GT036	GT036B11LT1CB	3000396
10G101R	GT036	GT036B11RT1CB	3000396
10G106	GT036	GT036B11LB1CB	3000396
10G106R	GT036	GT036B11RB1CB	3000396
10G110	GT036	GT036B11LT1NB	3000396
10G110R	GT036	GT036B11RT1NB	3000396
10G113	GT036	GT036A13LT1CB	3000396
10G113R	GT036	GT036A13RT1CB	3000396
10G098	GT048	GT048B11RE1NC	3000397
10G102	GT048	GT048B11LT1CC	3000397
10G102R	GT048	GT048B11RT1CC	3000397
10G107	GT048	GT048B11LB1CC	3000397
10G107R	GT048	GT048B11RB1CC	3000397
10G111	GT048	GT048B11LT1NC	3000397
10G111R	GT048	GT048B11RT1NC	3000397
10G114	GT048	GT048A13LT1CC	3000397
10G114R	GT048	GT048A13RT1CC	3000397

GEOCOMFORT PACKAGED SYSTEMS

REM Cat #	Mfr Series #	Mfr Model #	AHRI #
10G099	GT060	GT060B11RB1CD	3000398
10G103	GT060	GT060B11LT1CD	3000398
10G103R	GT060	GT060B11RT1CD	3000398
10G108	GT060	GT060B11LB1CD	3000398
10G108R	GT060	GT060B11RB1CD	3000398
10G112	GT060	GT060B11LT1ND	3000398
10G112R	GT060	GT060B11RT1ND	3000398
10G115	GT060	GT060A13LT1CD	3000398
10G115R	GT060	GT060A13RT1CD	3000398
10G104	GT072	GT072B11LT1CD	3185729
10G104R	GT072	GT072B11RT1CD	3185729
10G109	GT072	GT072B11LB1CD	3185729
10G109R	GT072	GT072B11RB1CD	3185729

GEOCOMFORT SPLIT SYSTEM HEAT PUMPS

REM Cat #	Mfr Series #	Mfr Model #	Air Handler #	AHRI #
10G140	GTC024A11CA	10G158 10G154	GSE024A1LT1A GSE024A1LT0A	3093285 3093285
10G140B	GTC024B11CA	10G158 10G154	GSE024A1LT1A GSE024A1LT0A	3093285 3093285
10G144	GTC024A11NA	10G158 10G154	GSE024A1LT1A GSE024A1LT0A	3093285 3093285
10G141	GTC036B11CB	10G159 10G155	GSE036A1LT0B GSE036A1LT1B	3000407 3000407
10G145	GTC036A11NB	10G159 10G155	GSE036A1LT0B GSE036A1LT1B	3000407 3000407
10G142	GTC048A11CC	10G160 10G156	GSE048A1LT0C GSE048A1LT1C	3000408 3000408
10G146	GTC048A11NC	10G160 10G156	GSE048A1LT0C GSE048A1LT1C	3000408 3000408
10G143	GTC060A11CD	10G161 10G157	GSE060A1LT0D GSE060A1LT1D	3000409 3000409
10G147	GTC060A11ND	10G161 10G157	GSE060A1LT0D GSE060A1LT1D	3000409 3000409
10G148	GSC024A11CA	10G158 10G154	GSE024A1LT1A GSE024A1LT0A	3000400 3000400
10G149	GSC036A11CB	10G159 10G155	GSE036A1LT0B GSE036A1LT1B	3000402 3000402
10G150	GSC048A11CC	10G160 10G156	GSE048A1LT0C GSE048A1LT1C	3000404 3000404
10G151	GSC060A11CD	10G161 10G157	GSE060A1LT0D GSE060A1LT1D	3000405 3000405