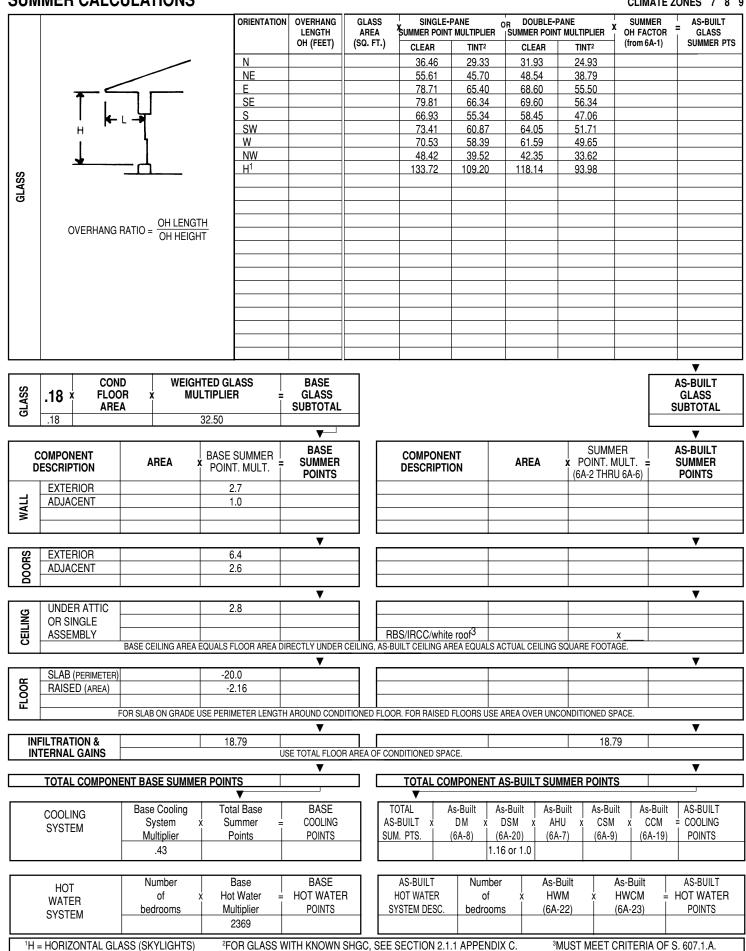
## FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION FORM 600A-01

Residential Whole Building Performance Method A

**SOUTH 7 8 9** 

PROJECT NA		BUILDER:  PERMITTING   CLIMATE													
AND ADDRE	:55:					OFFICE:	NG					IMATE NE:	7	8	9
OWNER:	·					PERMIT NO.:					JUF	RISDICTION	NO.:		
					<u>'</u>					Ple	ase 1	уре			СК
	struction						1.								
				amily attach			2.								
	•			red by this s	submis	ssion	3.								
	worst cas						4. 5.					og ft			
			a (Sq. 11. <i>)</i> erhang (ft.)				6.					sq. ft. ft.			
	pe and are		inang (it.)				٦		Single	e Par		Dou	ble Pa	ane	
	Clear glass						7		_			ft			
b. T	īnt, film or	sola	ar screen									ft			
8. Floor typ															
			(R-value +									,			
		•	R-value + s	• •								·			
			d (R-value) <b>d insulatio</b>				80	C.	K=_		:	·	s	sq. π.	
				olock (Insula	tion R-	value)	ر ا	<b>a</b> -1	R-	_				a ft	
u	-Atomori			ne (Insulation				a-2							
				e (Însulation		,	98	<b>a</b> -3							
		4.	Log (Insul	ation R-value	∋)	,	98	<b>a</b> -4							
								_	_						
b. A	Adjacent:			block (Insulat				<b>b</b> -1							
				ne (Insulation				<b>b</b> -2							
				e (Insulation ation R-value		ie)		<b>b</b> -3 <b>b</b> -4							
10. Ceiling ty	vpe. area		• .		<del>-</del> )		ا	D-4	n.				s	φ. π.	
			ulation R-v				1 10	0a.	R=				S	a. ft.	
		•	y (Insulatio	,											
c. F	Radiant ba	rrier,	, IRCC or w	hite roof inst	alled?			0с.							
11. Air distri															
	•		n + Locatio	on)							,		(cond./u	ncond.)	
	Air Handler	(Lo	cation)					1b.					(cond./u	ncond.)	-
12. Cooling	•	ntral	cinalo nka ir	oom unit, PTAC	aac n	ono)			Тур		B/C	OP:			
(Types. cei	miai-spiii, ce	illiai-	Single pkg., it	John unit, FTAC	., yas, 11	one)						OF			
13. Heating	system:						13	-о. За.	Тур						
•	•	c. stri	ip, nat. gas, L	P. gas, gas h.p.	., room o	or PTAC, nor					P/AF	UE:		_	
14. Hot water	er system	:					13	3с.	Cap	acity	:				
	-		olar, L.P. gas,	none)			14	4a.	Тур	e:					
15. Hot Water			ID)					4b.						_	
	eat Recove	• \	нк) Pump(DHP					5a. 5b.							
c. So		еаі г	-מוווף(טחר	)				эь. 5с.							
16. HVAC Cr							'`	JU.							
		V-Cr	oss vent, PT-l	Programmable ti	hermost	at,	10	6.							
	house fan, M			3		,	I								
17. COMPLIA	ANCE STA	TUS:	(PASS if As	s-Built Pts. are	less th	an Base Pt	s.) <b>1</b>	7.							
a. To	tal As-Buil	lt poi	ints	b. Total Ba	ase poi	nts	1	7a.				17b			
I hereby certify				s covered by the	calculat	tion are in									alculation
compliance with	n the Florida	⊏ner	gy Code.				constru	uctio	n is c	omple	ted, t	his buildi	ing will	be insp	e. Before ected for
PREPARED BY I hereby certify th	: nat this building	ı, as d	esigned, is in co	mpliance with the	TE: Florida F	nergy Code.	complia	nce	in acco	rdance	e with	Section 5	53.908,	F.S.	
OWNER AGEN	_		3 ,	·	TE:	J,	BUILDIN DATE:	NG (	JEFICI <i>E</i>	\L:					

Effective date: March 1, 2003



TINT MULTIPLIERS MAY BE USED FOR GLASS WITH SOLAR SCREENS, FILM, OR TINT

6A-1 SUMMER OVERHANG FACTORS (SOF) FOR SINGLE AND DOUBLE PANE GLASS.

	OH Ratio	.0011	.1217	.1826	.2735	.3646	.4757	.5870	.7183	.84-1.18	1.19-1.72	1.73-2.73	2.74 & up
	North	1.00	0.993	0.971	0.932	0.891	0.847	0.810	0.774	0.745	0.692	0.646	0.606
	Northeast	1.00	0.995	0.966	0.909	0.849	0.782	0.726	0.673	0.633	0.561	0.504	0.459
>	East	1.00	0.993	0.964	0.904	0.837	0.759	0.691	0.625	0.574	0.484	0.415	0.462
<u> </u>	Southeast	1.00	0.999	0.960	0.881	0.799	0.713	0.645	0.585	0.542	0.471	0.422	0.386
	South	1.00	0.995	0.945	0.854	0.770	0.689	0.630	0.581	0.546	0.492	0.455	0.428
핑	Southwest	1.00	0.997	0.958	0.882	0.805	0.723	0.657	0.599	0.555	0.482	0.427	0.386
"	West	1.00	0.994	0.965	0.905	0.840	0.767	0.704	0.645	0.599	0.518	0.455	0.404
	Northwest	1.00	0.995	0.967	0.914	0.861	0.805	0.760	0.718	0.686	0.629	0.583	0.545
•	OH Length	0.0'	1.0'	1.5'	2.0'	3.0'	3.5'	4.5'	5.5'	6.5'	9.5'	14.0'	20.0'

6A-2 WALL SUMMER POINT MULTIPLIERS (SPM)

A E WALL COMMILITY ONLY MOETIN LIEU COMM															
		FRAME			CONCRETE	BLOCK (	NORMA	Ļ WT)		FACE B	RICK		- Log I		
_		I NAME				INTERIOR		EXT.	R-VALUE	WOOD FR	R-VALUE	BLOCK		LOG	
	WO	OD	STI	EEL		INSULA	ATION	INSUL.	0-6.9	4.6	0-2.9	2.3		6 INCH	8 INCH
R-VALUE	EXT	ADJ	EXT	ADJ	R-VALUE	EXT	ADJ	EXT	7-10.9	1.3	3-6.9	1.6	<b>R-VALUE</b>	EXT	EXT
0-6.9	8.5	3.4	11.6	4.4	0-2.9	4.2	1.9	4.2	11-18.9	1.1	7-9.9	.9	0-2.9	2.8	1.9
7-10.9	3.2	1.3	5.5	2.1	3-4.9	2.7	1.3	1.7	19-25.9	.6	10 & UP	.7	3-6.9	1.9	1.4
11-12.9	2.7	1.0	4.2	1.6	5-6.9	2.0	1.1	1.2	26 & Up	.3			7 & Up	1.5	1.2
13-18.9	2.4	.9	3.9	1.5	7-10.9	1.6	.8	.7		•					
19-25.9	1.6	.6	3.4	1.3	11-18.9	1.0	.6	.3	1						
000 11	4.0	_	4.0	_	40.05.0		_		1						

26 & Up

NOTE: SEE SECTION 2.0 OF APPENDIX C FOR MULTIPLIERS OF ENVELOPE COMPONENTS NOT ON THIS FORM.

## 6A-3 DOOR SUMMER POINT MULTIPLIERS (SPM)

DOOR TYPE	EXTERIOR	ADJACENT
WOOD	9.4	3.8
INSULATED	6.4	2.6

	A=11 111A	ALIMATE B	-		IEDO /	
6A-4	CEILING	SUMMER	POINT	MULTIPL	JEKS (	SPM)

****	A 4 CELENTO COMMENT FORTH MCETH EIERO (CFM)												
UNDER	ATTIC	SINGLE AS	SSEMBLY	CON	CONCRETE DECK ROOF								
R-VALUE	SPM	R-VALUE	SPM		CEILIN	G TYPE							
19-21.9	3.72	10-10.9	13.67	R-VALUE	EXPOSED	DROPPED							
22-25.9	3.36	11-12.9	12.90	10-13.9	14.73	13.67							
26-29.9	3.02	13-18.9	11.59	14-20.9	10.96	10.46							
30-37.9	2.77	19-25.9	9.24	21 & Up	7.86	7.54							
38 & Up	2.43	26-29.9	7.85			•							
RBS Credit	0.700	30 & Up	7.27										
IRCC Credit	0.865	· ·		-									
White Roof Cr	edit 0.550												

6A-5 FLOOR SUMMER POINT MULTIPLIERS (SPM)

SLAB-0N	CDADE	DAI	SED	RAISED WOOD							
EDGE INS			RETE			POST OR PIER CONSTRUCTION	STEM WALL w/ UNDER FLOOR INSULATION	ADJACENT			
R-VALUE	SPM	R-VALUE	SPM		R-VALUE	SPM	SPM	SPM			
0-2.9	-20.0	0-2.9	.8		0-6.9	5.02	-4.2	3.4			
3-4.9	-17.4	3-4.9	3		7-10.9	2.58	9	1.3			
5-6.9	-16.6	5-6.9	4		11-18.9	2.08	6	1.0			
7 & Up	-16.0	7 & Up	5		19 & Up	1.58	4	.6			

## 6A-6 INFILTRATION & INTERNAL GAINS (SPM)

Air Infiltration	7.43
Internal Gains	+11.36
Infiltration/Internal Gains	18.79

## 6A-7 AIR HANDLER MULTIPLIERS (SPM)

**** **********************************	\ <del>-</del> /
Located in garage	1.00
Located in conditioned area	0.90
Located on exterior of building	1.03
Located in attic	1.08

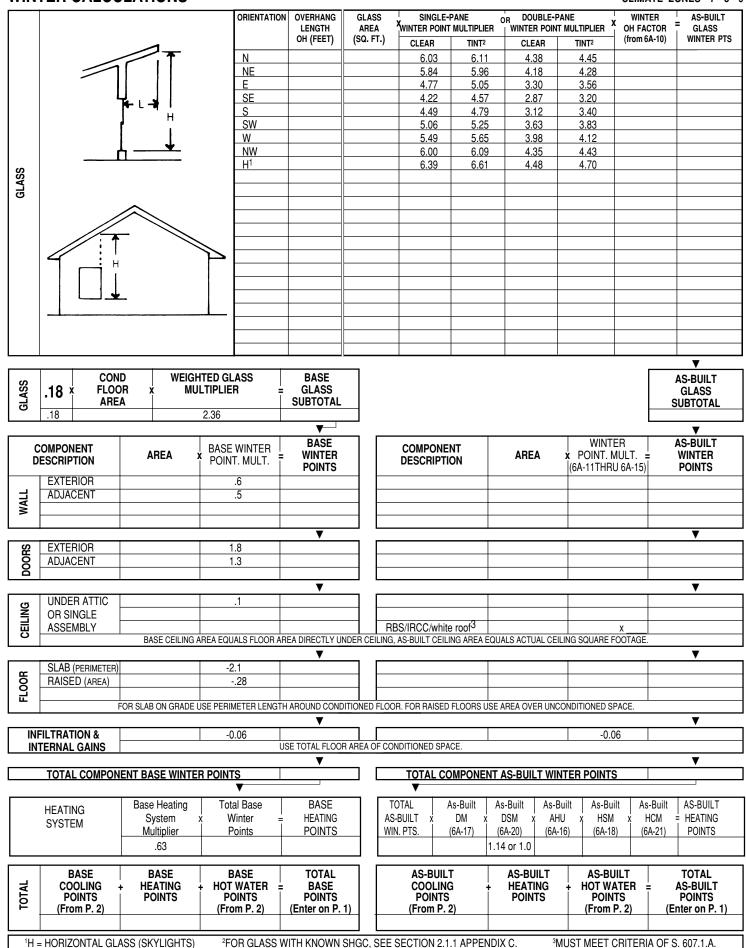
6A-8 DUCT MULTIPLIERS (DM) See Table 6-10 for Code minimums.

	DUCT		RETURN	DUCTS In	:	
SUPPLY DUCTS IN:	R-Value	Unconditioned space	Attic/ RBS	Attic/ IRCC	Attic/ White roof	Conditioned space
	4.2	1.095	1.090	1.091	1.090	1.087
Unconditioned Space	6.0	1.073	1.069	1.070	1.069	1.067
1	8.0	1.058	1.055	1.055	1.055	1.053
	4.2	1.062	1.057			1.053
Attic/Radiant Barrier (RBS)	6.0	1.048	1.044			1.041
	8.0	1.039	1.036			1.033
	4.2	1.083		1.078		1.072
Attic/Interior Radiation	6.0	1.064		1.061		1.056
Control Coatings (IRCC)	8.0	1.052		1.049		1.045
	4.2	1.059			1.054	1.051
Attic/White Roof	6.0	1.045			1.041	1.038
	8.0	1.035			1.032	1.030
	4.2	1.005	1.004	1.006	1.002	1.000
Conditioned Space	6.0	1.004	1.003	1.004	1.002	1.000
	8.0	1.003	1.003	1.003	1.001	1.000

6A-9 COOLING SYSTEM MULTIPLIERS (CSM)

	DA-9 COOLING STSTEM MO	LITELLENS (CS	IVI)										
	SYSTEM TYPE See Table 6-3 fe	or Code minimums	COOLING SYSTEM MULTIPLIERS (CSM)										
	Central Units (SEER)	Rating		7.5-7.9	8.0-8.4	8.5-8.8	8.9-9.4	9.5-9.9	10.0-10.4	10.5-10.9	11.0-11.4	11.5-11.9	12.0-12.4
		CSM		.45	.43	.40	.38	.36	.34	.32	.31	.30	.28
	PTAC & Room Units (EER)	Rating	12.5-12.9	13.0-13.4	13.5-13.9	14.0-14.4	14.5-14.9	15.0-15.4	15.5-15.9	16.0-16.4	16.5-16.9	17.0-17.4	17.5 & Up
		CSM	.27	.26	.25	.24	.24	.23	.22	.21	.21	.20	.19

Effective date: March 1, 2003



TINT MULTIPLIERS MAY BE USED FOR GLASS WITH SOLAR SCREENS, FILM, OR TINT.

6A-10 WINTER OVERHANG FACTORS (WOF)

<b>•</b>	OH Ratio	.0011	.1217	.1826	.2735	.3646	.4757	.5870	.7183	.84-1.18	1.19-1.72	1.73-2.73	2.74 & up
	North	1.00	0.998	0.995	0.991	0.986	0.982	0.977	0.973	0.969	0.962	0.955	0.948
	Northeast	1.00	0.999	0.999	0.998	0.997	0.996	0.994	0.993	0.991	0.985	0.978	0.969
B	East	1.00	1.009	1.015	1.023	1.032	1.044	1.057	1.073	1.090	1.136	1.203	1.291
5	Southeast	1.00	1.017	1.027	1.046	1.067	1.097	1.130	1.171	1.215	1.333	1.485	1.647
SELE	South	1.00	0.994	1.001	1.024	1.060	1.115	1.174	1.238	1.290	1.376	1.425	1.443
W	Southwest	1.00	0.999	1.003	1.012	1.024	1.041	1.059	1.078	1.096	1.132	1.164	1.191
	West	1.00	0.998	0.998	0.999	1.001	1.005	1.011	1.018	1.023	1.030	1.032	1.032
	Northwest	1.00	0.997	0.995	0.992	0.989	0.985	0.982	0.978	0.974	0.967	0.959	0.952
<b>•</b>	OH Length	0.0'	1.0'	1.5'	2.0'	3.0'	3.5'	4.5'	5.5'	6.5'	9.5'	14.0'	20.0'

6A-11 WALL WINTER POINT MULTIPLIERS (WPM)

<u> </u>			,	•••											
		FRAME			CONCRETE	BLOCK (	NORMA	LWT)		FACEB	RICK			LOG	
1		IIIAWE				INTERI	OR	EXT.	R-VALUE	WOOD FR	R-VALUE	BLOCK		LOG	
	WC	OOD	STI	EEL		INSULA	ATION	INSUL.	0-6.9	2.4	0-2.9	.9		6 INCH	8 INC
R-VALUE	EXT	ADJ	EXT	ADJ	R-VALUE	EXT	ADJ	EXT	7-10.9	.6	3-6.9	.6	R-VALUE	EXT	EXT
0-6.9	2.5	1.7	3.4	2.2	0-2.9	1.9	.7	1.9	11-18.9	.5	7-9.9	.4	0-2.9	.6	.2
7-10.9	.8	.6	1.5	1.0	3-4.9	1.2	.5	.6	19-25.9	.2	10 & UP	.2	3-6.9	.3	.1
11-12.9	.6	.5	1.1	0.8	5-6.9	.9	.4	.3	26 & Up	.1			7 & Up	.2	.1
13-18.9	.6	.5	1.0	0.7	7-10.9	.7	.4	.2		•					
19-25.9	.3	.3	0.9	0.6	11-18.9	.4	.2	.0	l г	NOTE: SEE SEC	CTION 2 0 OF A	PPFNDIXC	FORMUI TIPI	IFRS	
26& Up	.2	.2	0.4	0.3	19-25.9	.2	.1			OF ENVELOPE				-	

26 & Up

6A-12 DOOR WINTER POINT MULTIPLIERS (WPM)

DOOR TYPE	EXTERIOR	ADJACENT
WOOD	2.8	1.9
INSULATED	1.8	1.3

6A-13 CEILING WINTER POINT MULTIPLIERS (WPM)

UNDER	ATTIC	SINGLE AS	SSEMBĹY	CON	CONCRETE DECK ROOF				
R-VALUE	WPM	R-VALUE	WPM		CEILING	G TYPE			
19-21.9	.14	10-10.9	.16	R-VALUE	EXPOSED	DROPPED			
22-25.9	.12	11-12.9	.15	10-13.9	0.18	0.16			
26-29.9	.11	13-18.9	.14	14-20.9	0.13	0.12			
30-37.9	.10	19-25.9	.11	21 & Up	0.09	0.08			
38 & Up	.08	26-29.9	.09		•	•			
RBS Credit	0.850	30 & Up	.08						
IRCC Credit	0.899			•					
White Roof Cr	redit 1.044								

6A-14 FLOOR WINTER POINT MULTIPLIERS (WPM)

SI AR-ON	I-GRADE		RAIS	SED.		WOOD		
	SULATION	ON CONCRETE			POST OR PIER CONSTRUCTION	STEM WALL w/ UNDER FLOOR INSULATION	ADJACENT	
R-VALUE	WPM		R-VALUE	WPM	R-VALUE	WPM	WPM	WPM
0-2.9	-2.1		0-2.9	1.0	0-6.9	0.99	0.3	1.7
3-4.9	-2.6		3-4.9	.3	7-10.9	0.24	0	.6
5-6.9	-2.7		5-6.9	.1	11-18.9	0.12	0	.5
7 & Up	-2.7		7 & Up	.0	19 & Up	-0.01	1	.3

6A-15 INFILTRATION & INTERNAL GAINS (WPM)

Air Infiltration	0. 32
Internal Gains	+ -0.38
Infiltration/Internal Gains	-0.06

6A-16 AIR HANDLER MULTIPLIERS (WPM)

Located in garage	1.00
Located in conditioned area	0.91
Located on exterior of building	1.08
Located in attic	1.14

6A-17 DUCT MULTIPLIERS (DM) See Table 6-10 for Code minimums.

	DUCT		RETURN	DUCTS In	ı:	
SUPPLY DUCTS IN:	R-Value	Unconditioned space	Attic/ RBS	Attic/ IRCC	Attic/ White roof	Conditioned space
	4.2	1.135	1.123	1.125	1.128	1.116
Unconditioned Space	6.0	1.099	1.091	1.092	1.094	1.085
	8.0	1.076	1.070	1.071	1.073	1.066
	4.2	1.095	1.083			1.073
Attic/Radiant Barrier (RBS)	6.0	1.072	1.063			1.056
	8.0	1.057	1.050			1.044
	4.2	1.122		1.110		1.096
Attic/Interior Radiation	6.0	1.091		1.083		1.072
Control Coatings (IRCC)	8.0	1.071		1.065		1.056
	4.2	1.151			1.139	1.120
Attic/White Roof	6.0	1.111			1.102	1.088
	8.0	1.085			1.078	1.068
	4.2	1.012	1.010	1.012	1.012	1.000
Conditioned Space	6.0	1.009	1.008	1.009	1.009	1.000
	8.0	1.007	1.006	1.007	1.007	1.000

6A-18 HEATING SYSTEM MULTIPLIERS (HSM)

0A-10 TIERTING STSTEM MIGETIFEIERS (TISM)										
SYSTEM TYPE See Tabl	es 6-6 to 6-8 for code minimu	ims	HEATING	SYSTEM MULT	PLIERS (HSM)					
Central Heat	HSPF	6.40-6.79	6.80-6.89	6.90-7.39	7.40-7.89	7.90-8.39	8.40-8.89	8.9-9.39	9.4-9.89	
Pump Units	HSM	.53	.50	.49	.46	.43	.41	.38	.36	
	HSPF	9.90-10.39	10.40-10.89	10.90-11.39	11.40-11.89	11.90-12.39	12.40 & up			
	HSM	.34	.33	.31	.30	.29	.28			
PTHP	COP	2.50-2.69	2.70-2.89	2.90-3.09	3.10-3.29	3.30-3.49	3.50-3.69	3.70-3.89	3.90-4.19	
	HSM	.40	.37	.34	.32	.30	.29	.27	.26	
Electric Strip & Gas		1.0 (for gas credit multipliers, see Table 6A-21)								

6A-19 COOLING CREDIT MULTIPLIERS (CCM)

SYSTEM TYPE	Cooling credit multipliers (CCM)
Ceiling Fans	.95*
Cross Ventilation	.95*
Whole House Fan	.95*
Multizone	.95
Programmable Thermostat	.95

\*Credit may be taken for only one of these system types concurrently.

6A-20 AIR DISTRIBUTION SYSTEM CREDIT MULTIPLIERS

TYPE CREDIT	Prescriptive requirements	Multiplier		
Airtight Duct credit <sup>1</sup>	610.1.A.1	1.00		
Factory-sealed AHU credit <sup>2</sup>	610.2.A.2.1	0.95		

<sup>&</sup>lt;sup>1</sup>Duct Sealing Multiplier (DSM) shall be 1.16 (summer) or 1.14 (winter) unless Airtight Duct credit is demonstrated by test report.

6A-21 HEATING CREDIT MULTIPLIERS (HCM)

0,121 112,11110 0112211 11102111 212110												
SYSTEM TYPE		HEATING CREDIT MULTIPLIERS (HCM)										
Programmable Thermostat	ogrammable Thermostat HCM .95											
Multizone	HCM	.95										
Natural Gas	AFUE	.6872	.7377	.7882	.8387	.8892	.93 & Up					
Natural Gas	HCM	.56	.52	.49	.46	.44	.41					
LP Gas	HCM	.71	.66	.62	.58	.55	.52					

6A-22 HOT WATER MULTIPLIERS (HWM)

SYSTEM TYPE See Table 6		HOT WATER MULTIPLIERS (HWM)										
Electric Resistance	EF				.8081	.8283	.8485	.8687	.8890	.9193	.9496	.97 & Up
	HWM				2606	2543	2482	2424	2369	2290	2218	2149
Natural Gas	EF	.4347	.4849	.5051	.5253	.5455	.5657	.5859	.6061	.6263	.6465	.66 & Up
Ivaluiai Gas	HWM	1848	1655	1589	1528	1471	1419	1370	1324	1281	1241	1203
LP Gas	HWM	2353	2107	2023	1945	1874	1806	1744	1686	1631	1581	1533
Ded. HP or Solar	EF	1.0-1.49	1.5-1.99	2.0-2.49	2.5-2.99	3.0-3.49	3.5-3.99	4.0-4.49	4.5-4.99	5.0-Up		
System with Tank	HWM	2085	1390	1042	834	695	596	521	463	417		

6A-23 HOT WATER CREDIT MULTIPLIERS (HWCM)

ON EO HOT WATER OREDI	MOETH EIENO (HIVOIN)								
SYSTEM TYPE	HOT WATER CREDIT MULTIPLIERS (HWCM)								
Heat Recovery Unit	With	Air Conditioner		Heat Pump					
	HWCM	.84		.78					
Add-on Dedicated Heat Pump (without tank)	EF	2.0-2.49	2.5-2.99	3.0-3.49		3.5 & Up			
	HWCM	.44	.35	.29		.25			
Add-on Solar Water Heater (without tank)	EF	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0 & Up			
	HWCM	.84	.42	.28	.21	.17			
	A HWM MUST BE USED	IN CONJUNCTION WITH ALL HWC	M. SEE TABLE 6A-22. EF MEANS EI	NERGY FACTOR.		•			

6A-24 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	
Exterior Windows & Doors	606.1.ABC.1.1	Max: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall;	
		foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility	
		penetrations; between wall panels & top/bottom plates; between walls & floor.	
		EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends	
		from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members.	
		EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed	
		to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Seal: Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases,	
		soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate;	
		attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is	
		installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a	
		sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with <2.0 cfm from	
		conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA,	
		have combustion air.	

6A-25 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric)	
		or cutoff (gas) must be provided. External or built-in heat trap required for vertical pipe risers.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa	
		& pool heaters must have a minimum thermal efficiency of 78%.	
Shower Heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached,	
		sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 minimum	
		insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

<sup>&</sup>lt;sup>2</sup>Multiply Factory-sealed AHU credit by summer (Table 6A-7) or winter (Table 6A-16) AHU multiplier. Insert total in the "AS-Built AHU" box on page 2 or 4.