

## SmartRegs Prescriptive Pathway

Need 100 Total Points + Mandatory Water Conservation Measures

**WALLS** Base: \_\_\_\_\_ Final: \_\_\_\_\_

R-VALUE	25%	50%	75%	100%
No Insulation	0	0	0	0
R-3 Continuous (must be at least R-3)	4	8	11	15
R-5 Continuous	5	10	15	19
R-13	6	13	19	25
R-19 or Better	7	13	20	27
Shared or Below Grade	8	16	24	32

**WINDOWS** Base: \_\_\_\_\_ Final: \_\_\_\_\_

TYPE	25%	50%	75%	100%
Single Metal (1.2 U-Value)	0	0	0	0
Single Non-Metal (.95 U-Value)	0	1	1	2
Double Metal (.8 U-Value)	1	2	3	4
Double Non-Metal (.55 U-Value)	2	3	5	6
0.35 U-Value*	3	7	10	13
0.30 U-Value	3	7	10	14
0.25 U-Value or Better	4	7	11	14

**ATTIC** Base: \_\_\_\_\_ Final: \_\_\_\_\_

TYPE	25%	50%	75%	100%
No Insulation	0	0	0	0
R-19	6	12	18	24
R-30	6	13	19	26
R-38 or Better	7	13	20	26
Shared Ceilings	7	14	20	27

**INFILTRATION** Base: \_\_\_\_\_ Final: \_\_\_\_\_

nACH	POINTS
1.00 nACH or Greater	0
0.75 nACH	2
0.50 nACH	4
0.35 nACH or Less (ventilate per ASHRAE 62.2)	5

\*Historically designated properties that rehabilitate and install storm windows will receive credit at the 0.35 U-Value level.

**Table C101.2 SmartPoints**  
FOUNDATION / SLAB Base: \_\_\_\_\_ Final: \_\_\_\_\_

SLAB / FOUNDATION				
TYPE	25%	50%	75%	100%
Shared Floor	4	7	11	15
Slab: R-0	0	0	0	0
Slab: R-5	0	1	1	2
Slab: R-10 or Better	1	1	2	2
Foundation Wall: R-0	0	0	0	0
Foundation Wall: R-2	0	1	1	1
Foundation Wall: R-11	1	2	3	3
Foundation Wall: R-19 or Better	1	2	3	4

  

FLOOR (Only Available if All HVAC and Duct Work Inside Conditioned Space)				
TYPE	25%	50%	75%	100%
Floor Over Crawl: R-0	0	0	0	0
Floor Over Crawl: R-13	3	5	8	11
Floor Over Crawl: R-25	3	6	9	12
Floor Over Crawl: R-38 or Better	4	7	11	14

**DUCT LEAKAGE** Base: \_\_\_\_\_ Final: \_\_\_\_\_

CFM per 100 SF	POINTS
80 cfm @ 25 Pa	0
60 cfm @ 25 Pa	4
40 cfm @ 25 Pa	9
20 cfm @ 25 Pa	14
10 cfm @ 25 Pa or Less	17

**DUCTS** Base: \_\_\_\_\_ Final: \_\_\_\_\_

LOCATION / INSULATION	25%	50%	75%	100%
Uninsulated	0	0	0	0
Insulated to at Least R-4 (unconditioned space)	1	3	4	6
No Ducts / Ducts Entirely Within Conditioned Space	2	3	5	7

**HEATING** Base: \_\_\_\_\_ Final: \_\_\_\_\_

SPECIFICATION	POINTS
Electric, Oil, or Heat Pump	0
Gas 65 AFUE or worse	0
Gas 80 AFUE	13
Gas 90 AFUE	17
Gas 96 AFUE	19
GSHP (COP 3.3)	29
GSHP (COP 4.1)	38
GSHP (COP 4.8)	43

COOLING Base: \_\_\_\_\_ Final: \_\_\_\_\_

SPECIFICATION	POINTS
10 SEER or worse	0
Ceiling Fans (if no A/C)	2
13 SEER	4
15 SEER / Evaporative	6
17 SEER	7
19 SEER	8
GSHP (> EER 13.5)	4

FANS Base: \_\_\_\_\_ Final: \_\_\_\_\_

SPECIFICATION	POINTS
Whole House Fan (In Addition to Cooling Points)	2

LIGHTING Base: \_\_\_\_\_ Final: \_\_\_\_\_

PERCENT CFL / LED INSTALLED	POINTS
0%	0
25%	2
50%	4
75%	6
100%	7

HOT WATER Base: \_\_\_\_\_ Final: \_\_\_\_\_

SPECIFICATION	POINTS
Electric, Oil or Heat Pump	0
Gas 56 EF	0
Gas 60 EF	1
Gas 64 EF	2
Gas Tankless 82 EF or Better	6
Gas Boiler Side Arm (65 AFUE Boiler)	0
Gas Boiler Side Arm (80 AFUE Boiler)	3
Gas Boiler Side Arm (95 AFUE Boiler)	5

REFRIGERATION Base: \_\_\_\_\_ Final: \_\_\_\_\_

SPECIFICATION	POINTS
750 kWh	0
650 kWh	2
450 kWh	3
350 kWh or Better	4

SOLAR THERMAL Base: \_\_\_\_\_ Final: \_\_\_\_\_

SPECIFICATION	POINTS
2 Panel (90 sf, 80 gal)	34

**Table C101.2 SmartPoints**

PV Base: \_\_\_\_\_ Final: \_\_\_\_\_

kW	POINTS
1	44
2	89
2.25	100

OCCUPANT Base: \_\_\_\_\_ Final: \_\_\_\_\_

MEASURE	POINTS
Sub-Metering: Real Time Energy Monitoring Device	1
Programmable Thermostat	1
Provide Operation / Training Manual	1
Tenant Attends Energy Conservation Class	1

OTHER Base: \_\_\_\_\_ Final: \_\_\_\_\_

MEASURE	POINTS
Heat Pump Desuperheater	1
Passive Solar Design	Discretionary – approved by City of Boulder
Innovative Practice	Discretionary – approved by City of Boulder
Hardship Exception: Carbon Offsets	Must be Approved by City of Boulder (8 points per metric ton of CO2 offset)

## Mandatory Water Conservation

Must Earn Two Points Regardless of Whether Choose Performance or Prescriptive SmartRegs Pathway

Water Conservation Measure*	Points per Fixture
Low flow showerhead	1
Low flow lavatory faucets	1
Self-closing faucet valves	1
High-efficiency or dual-flush toilet	2
ENERGY STAR washing machine	2
ENERGY STAR dishwasher	2

\*Points earned in this category do not count towards prescriptive 100 point requirement