

Home Energy Rating Certificate

226 Highland Street
Boston, MA 02119



**5 Stars Plus
Confirmed**

Uniform Energy Rating System

1 Star	1 Star Plus	2 Stars	2 Stars Plus	3 Stars	3 Stars Plus	4 Stars	4 Stars Plus	5 Stars	5 Stars Plus
500-401	400-301	300-251	250-201	200-151	150-101	100-91	90-86	85-71	70 or Less

Energy Efficient

HERS Index: -7

General Information

Conditioned Area:	1955 sq. ft.	HouseType:	Townhouse, end unit
Conditioned Volume:	16886 cubic ft.	Foundation:	Enclosed crawl space
Bedrooms:	3		

Mechanical Systems Features

Air-source heat pump:	Electric, Htg: 10.0 HSPF. Clg: 26.0 SEER.
Air-source heat pump:	Electric, Htg: 8.9 HSPF. Clg: 18.0 SEER.
Water Heating:	Conventional, Electric, 0.98 EF, 80.0 Gal.
Duct Leakage to Outside:	NA
Ventilation System:	Balanced: HRV, 65 cfm, 20.0 watts.
Programmable Thermostat:	Heating: Yes Cooling: Yes

Building Shell Features

Ceiling Flat:	R-62	Slab:	None
Sealed Attic:	NA	Exposed Floor:	R-52, R-64
Vaulted Ceiling:	R-69	Window Type:	Schuco .139/.34
Above Grade Walls:	R-41, R-19	Infiltration Rate:	Htg: 0.57 Clg: 0.57 ACH50
Foundation Walls:	R-0.0	Method:	Blower door test

Lights and Appliance Features

Percent Interior Lighting:	100.00	Range/Oven Fuel:	Electric
Percent Garage Lighting:	100.00	Clothes Dryer Fuel:	Electric
Refrigerator (kWh/yr):	550.00	Clothes Dryer EF:	3.01
Dishwasher Energy Factor:	0.77	Ceiling Fan (cfm/Watt):	0.00

The Home Energy Rating Standard Disclosure for this home is available from the rating provider.

REM/Rate - Residential Energy Analysis and Rating Software v14.3

This information does not constitute any warranty of energy cost or savings.
© 1985-2013 Architectural Energy Corporation, Boulder, Colorado.

Registry ID: 952801264

Rating Number: 56951

Certified Energy Rater: William DArrigo

Rating Date: 10/3/2013

Rating Ordered For: URBANICA

Estimated Annual Energy Cost

Use	Confirmed		
	MMBtu	Cost	Percent
Heating	7.5	\$361	-196%
Cooling	2.6	\$124	-68%
Hot Water	4.2	\$203	-111%
Lights/Appliances	17.9	\$863	-469%
Photovoltaics	-37.6	\$-1812	986%
Service Charges		\$77	-42%
Total	-5.4	\$-184	100%

**This home meets or exceeds the minimum
criteria for all of the following:**

TITLE

Company

Address

City, State, Zip

Phone #

Fax #

Home Energy Rating Certificate

232 Highland Street
Boston, MA 02119



**5 Stars Plus
Confirmed**

Uniform Energy Rating System

1 Star	1 Star Plus	2 Stars	2 Stars Plus	3 Stars	3 Stars Plus	4 Stars	4 Stars Plus	5 Stars	5 Stars Plus
500-401	400-301	300-251	250-201	200-151	150-101	100-91	90-86	85-71	70 or Less

Energy Efficient

HERS Index: -6

General Information

Conditioned Area:	2044 sq. ft.	HouseType:	Townhouse, end unit
Conditioned Volume:	22529 cubic ft.	Foundation:	Enclosed crawl space
Bedrooms:	3		

Mechanical Systems Features

Air-source heat pump:	Electric, Htg: 10.0 HSPF. Clg: 26.0 SEER.
Air-source heat pump:	Electric, Htg: 8.9 HSPF. Clg: 18.0 SEER.
Water Heating:	Conventional, Electric, 0.98 EF, 80.0 Gal.
Duct Leakage to Outside:	NA
Ventilation System:	Balanced: HRV, 65 cfm, 20.0 watts.
Programmable Thermostat:	Heating: Yes Cooling: Yes

Building Shell Features

Ceiling Flat:	R-62	Slab:	None
Sealed Attic:	NA	Exposed Floor:	R-52, R-64
Vaulted Ceiling:	R-69	Window Type:	Schuco .139/.34
Above Grade Walls:	R-41, R-19	Infiltration Rate:	Htg: 0.57 Clg: 0.57 ACH50
Foundation Walls:	R-0.0	Method:	Blower door test

Lights and Appliance Features

Percent Interior Lighting:	100.00	Range/Oven Fuel:	Electric
Percent Exterior Lighting:	100.00	Clothes Dryer Fuel:	Electric
Refrigerator (kWh/yr):	550.00	Clothes Dryer EF:	3.01
Dishwasher Energy Factor:	0.77	Ceiling Fan (cfm/Watt):	0.00

The Home Energy Rating Standard Disclosure for this home is available from the rating provider.

REM/Rate - Residential Energy Analysis and Rating Software v14.3

This information does not constitute any warranty of energy cost or savings.
© 1985-2013 Architectural Energy Corporation, Boulder, Colorado.

Registry ID: 939068764

Rating Number: 57101

Certified Energy Rater: William D'Arrigo

Rating Date: 10/3/2013

Rating Ordered For: URBANICA

Estimated Annual Energy Cost

Use	Confirmed		
	MMBtu	Cost	Percent
Heating	8.1	\$387	-223%
Cooling	2.9	\$139	-80%
Hot Water	4.2	\$203	-117%
Lights/Appliances	18.3	\$881	-508%
Photovoltaics	-38.7	\$-1861	1074%
Service Charges		\$77	-45%
Total	-5.2	\$-173	100%

**This home meets or exceeds the minimum
criteria for all of the following:**

TITLE

Company

Address

City, State, Zip

Phone #

Fax #

Home Energy Rating Certificate

228 Highland Street
Boston, MA 02119



**5 Stars Plus
Confirmed**

Uniform Energy Rating System

1 Star	1 Star Plus	2 Stars	2 Stars Plus	3 Stars	3 Stars Plus	4 Stars	4 Stars Plus	5 Stars	5 Stars Plus
500-401	400-301	300-251	250-201	200-151	150-101	100-91	90-86	85-71	70 or Less

Energy Efficient

HERS Index: -9

General Information

Conditioned Area:	1955 sq. ft.	HouseType:	Townhouse, inside unit
Conditioned Volume:	21728 cubic ft.	Foundation:	Enclosed crawl space
Bedrooms:	3		

Mechanical Systems Features

Air-source heat pump:	Electric, Htg: 10.0 HSPF. Clg: 26.0 SEER.
Air-source heat pump:	Electric, Htg: 8.9 HSPF. Clg: 18.0 SEER.
Water Heating:	Conventional, Electric, 0.98 EF, 80.0 Gal.
Duct Leakage to Outside:	NA
Ventilation System:	Balanced: HRV, 65 cfm, 20.0 watts.
Programmable Thermostat:	Heating: Yes Cooling: Yes

Building Shell Features

Ceiling Flat:	R-62	Slab:	None
Sealed Attic:	NA	Exposed Floor:	R-64
Vaulted Ceiling:	R-69	Window Type:	Schuco .139/.34
Above Grade Walls:	R-41, R-19	Infiltration Rate:	Htg: 0.57 Clg: 0.57 ACH50
Foundation Walls:	R-0.0	Method:	Blower door test

Lights and Appliance Features

Percent Interior Lighting:	100.00	Range/Oven Fuel:	Electric
Percent Exterior Lighting:	100.00	Clothes Dryer Fuel:	Electric
Refrigerator (kWh/yr):	550.00	Clothes Dryer EF:	3.01
Dishwasher Energy Factor:	0.77	Ceiling Fan (cfm/Watt):	0.00

The Home Energy Rating Standard Disclosure for this home is available from the rating provider.

REM/Rate - Residential Energy Analysis and Rating Software v14.3

This information does not constitute any warranty of energy cost or savings.
© 1985-2013 Architectural Energy Corporation, Boulder, Colorado.

Registry ID: 655645007

Rating Number: 57099

Certified Energy Rater: William D'Arrigo

Rating Date: 10/3/2013

Rating Ordered For: URBANICA

Estimated Annual Energy Cost

Use	Confirmed		
	MMBtu	Cost	Percent
Heating	6.6	\$318	-131%
Cooling	2.3	\$109	-45%
Hot Water	4.2	\$203	-84%
Lights/Appliances	17.9	\$863	-356%
Photovoltaics	-37.6	\$-1812	748%
Service Charges		\$77	-32%
Total	-6.6	\$-242	100%

**This home meets or exceeds the minimum
criteria for all of the following:**

TITLE

Company

Address

City, State, Zip

Phone #

Fax #

Home Energy Rating Certificate

230 Highland Street
Boston, MA 02119



**5 Stars Plus
Confirmed**

Uniform Energy Rating System

1 Star	1 Star Plus	2 Stars	2 Stars Plus	3 Stars	3 Stars Plus	4 Stars	4 Stars Plus	5 Stars	5 Stars Plus
500-401	400-301	300-251	250-201	200-151	150-101	100-91	90-86	85-71	70 or Less

Energy Efficient

HERS Index: -9

General Information

Conditioned Area: 1955 sq. ft. HouseType: Townhouse, inside unit
 Conditioned Volume: 21728 cubic ft. Foundation: Enclosed crawl space
 Bedrooms: 3

Mechanical Systems Features

Air-source heat pump: Electric, Htg: 10.0 HSPF. Clg: 26.0 SEER.
 Air-source heat pump: Electric, Htg: 8.9 HSPF. Clg: 18.0 SEER.
 Water Heating: Conventional, Electric, 0.98 EF, 80.0 Gal.
 Duct Leakage to Outside: NA
 Ventilation System: Balanced: HRV, 65 cfm, 20.0 watts.
 Programmable Thermostat: Heating: Yes Cooling: Yes

Building Shell Features

Ceiling Flat: R-62 Slab: None
 Sealed Attic: NA Exposed Floor: R-64
 Vaulted Ceiling: R-69 Window Type: Schuco .139/.34
 Above Grade Walls: R-41, R-19 Infiltration Rate: Htg: 0.57 Clg: 0.57 ACH50
 Foundation Walls: R-0.0 Method: Blower door test

Lights and Appliance Features

Percent Interior Lighting: 100.00 Range/Oven Fuel: Electric
 Percent Exterior Lighting: 100.00 Clothes Dryer Fuel: Electric
 Refrigerator (kWh/yr): 550.00 Clothes Dryer EF: 3.01
 Dishwasher Energy Factor: 0.77 Ceiling Fan (cfm/Watt): 0.00

The Home Energy Rating Standard Disclosure for this home is available from the rating provider.

REM/Rate - Residential Energy Analysis and Rating Software v14.3

This information does not constitute any warranty of energy cost or savings.
 © 1985-2013 Architectural Energy Corporation, Boulder, Colorado.

Registry ID: 926566040

Rating Number: 57100

Certified Energy Rater: William D'Arrigo

Rating Date: 10/3/2013

Rating Ordered For: URBANICA

Estimated Annual Energy Cost

Use	Confirmed		
	MMBtu	Cost	Percent
Heating	6.6	\$318	-131%
Cooling	2.3	\$109	-45%
Hot Water	4.2	\$203	-84%
Lights/Appliances	17.9	\$863	-356%
Photovoltaics	-37.6	\$-1812	748%
Service Charges		\$77	-32%
Total	-6.6	\$-242	100%

**This home meets or exceeds the minimum
criteria for all of the following:**

TITLE

Company

Address

City, State, Zip

Phone #

Fax #