

General Building Information

Conditioned Floor Area (sq ft):

Infiltration Volume (cu ft):

Year Built:

Housing Type:

Level Type (Apartments Only):

Number of Units (Multi-Family Whole Buildings only):

Number of Floors Above Grade:

Number of Bedrooms:

Foundation Type:

Enclosed Crawl Space Type:

Number of Stories Including Conditioned Basement:

Thermal Boundary Location:

Duct System Selector

#	Name
1	MU Duct System

Name:

Sq. Feet Served: # Return Grilles:

Htg Equip:

Clg Equip:

Duct Surface Area (sqft):
 Supply: Estimate Surface Area
 Return:

Duct Leakage

Use Default Leakage:
 Proposed reduced leakage:

Use Measured Leakage
 Thermal Efficiency (%):

Leakage to Outside
 Exemption - No Test Required
 Total:
 Supply:
 Return:

Total Duct Leakage
 Duct Test Conditions:

 Total:

Ducts:

Location	Supply % Area	R-Value	Return % Area	R-Value
1 Conditioned space	100	0.0	100	0.0
2 None	0	0.0	0	0.0

Window and Glass Door Properties Summary

#	Name	Type	Area	Orient	Wall#
1	East Windows	Triple - Vinyl	36.0	East	AGW1
2	North Wind...	North Triple	14.0	North	AGW1
3	South Wind...	South Triple	14.0	South	AGW1

Window Properties

Name: Type:

Area (sq ft): U-Value:

Orientation: SHGC:

Overhang: Depth (ft): Interior Shading:

To Top Of Window (ft): Winter: Summer:

To Bottom Of Window (ft): Winter: Summer:

Wall Assignment: Wall Area:

Mechanical Equipment Properties Summary

#	Type	Htg Eff	Clg Eff	Dhw Eff
1	GSHP .5 Ton 3-21-17	3.4 COP	18.5 EER	
2	Unit DHW*			3.12 EF
3	Laundry DHW*			3.12 EF

Mechanical Equipment Properties

Library Type: Number of Units:

Equipment:

Location:

Performance Adj. (%): Load Served (%): Heating: Cooling: DHW:

System-Wide Properties

	Heating	Cooling	DHW
Setpoint Temperature (F)	<input type="text" value="68.0"/>	<input type="text" value="78.0"/>	
Programmable Thermostat:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Capacity Weight % of Load Served:	<input type="text" value=""/>	<input type="text" value=""/>	<input checked="" type="checkbox"/>
Total Load Served (must total 100%):	<input type="text" value="100"/>	<input type="text" value="100"/>	<input type="text" value="100"/>

Only for CLOSED LOOP systems

Name: Desuperheater

Heating: Efficiency (COP): Capacity (kBtu/h): Electric Resistance Backup Capacity (kW):

Cooling: Efficiency (EER): Capacity (kBtu/h): Sensible Heat Fraction (SHF):

Fan, Pump(s):
 Fan Power (Watts): Pump Energy: Watts

Distribution Type:

Use Defaults

Name:

Water Heater Type:

Fuel Type:

Energy Factor:

Recovery Efficiency:

Water Tank Size (gallons):

Extra Tank Insulation (R-value):

Photovoltaic Energy Systems Properties Summary

#	Name	Orient	Area	Power	Tilt	Eff
1	Rooftop Array	South	119.3	2462	33.5	96.0
2	Wall Mount PV	South	23.2	472	90.0	96.0

Photovoltaic Energy Systems Properties

Name:

Array Orientation:

Array Area (sq ft):

Array Peak Power (Watts):

Array Tilt (degrees):

Inverter Efficiency (1-100%):

Active Solar System

System Type:

Collector Loop Type:

Collector Type:

Collector Orientation:

Collector Area (sq ft):

Collector Tilt (degrees):

Storage Volume (cu ft or gal):

GSHP Well System

GSHP Wells

Well Type:

Number of Wells:

Well Depth:

Loop Flow (gpm):

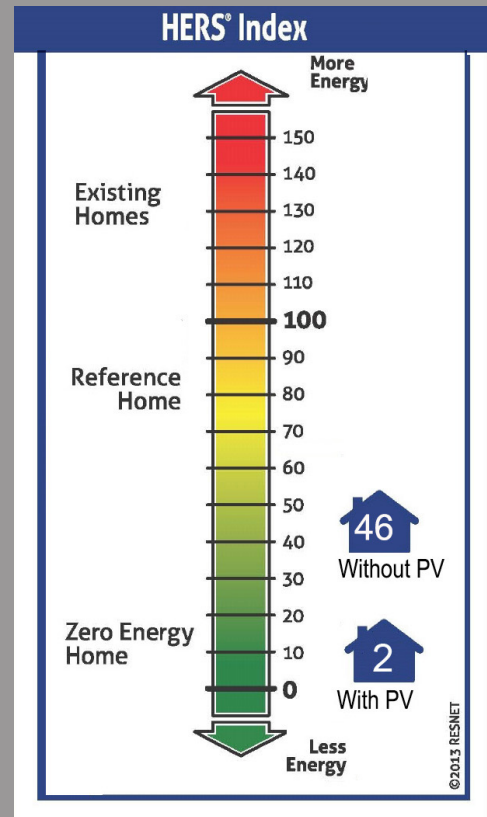


Table 07

Southwest Window Two Bedroom Unit with PV in REM/Rate