



Load Short Form
Entire House
SHATTO HEATING & AIR, INC.

Job: KRAMER RESIDENCE
Date: JUNE 29, 2020
By: KIM SHATTO

595 W. MAIN ST., LAKE BUTLER, FL 32054 Phone: 386-496-8224 Fax: 386-496-9065 Email: SERVICE@SHATTOAIR.COM Web: WWW.SHATTOAIR.COM License: CACO57875

Project Information

For: AMERICA'S HOME PLACE
9200 NW 39TH AVE SUITE 190, GAINESVILLE, FL 32606
Phone: 352-244-8247

Design Information

	Htg	Clg	Infiltration	
Outside db (°F)	33	92	Method	Simplified
Inside db (°F)	70	75	Construction quality	Semi-loose
Design TD (°F)	37	17	Fireplaces	
Daily range	-	M		
Inside humidity (%)	50	50		
Moisture difference (gr/lb)	33	52		

0

HEATING EQUIPMENT

Make THE TRANE COMPANY
Trade XR 14 WEATHERTON
Model 4TWR4060A1000A
AHRI ref
Efficiency 8.2 HSPF
Heating input
Heating output 45500 Btuh @ 47°F
Temperature rise 26 °F
Actual air flow 1600 cfm
Air flow factor 0.038 cfm/Btuh
Static pressure 0 in H2O
Space thermostat

COOLING EQUIPMENT

Make THE TRANE COMPANY
Trade XR 14 WEATHERTON
Cond 4TWR4060A1000A
Coil TEM4AOC60
AHRI ref
Efficiency 12.2 EER, 14 SEER
Sensible cooling 42000 Btuh
Latent cooling 18000 Btuh
Total cooling 60000 Btuh
Actual air flow 1600 cfm
Air flow factor 0.036 cfm/Btuh
Static pressure 0 in H2O
Load sensible heat ratio 0.83

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
LVNG/DIN/KIT	1015	14188	17658	532	638
BATH	66	944	983	35	35
BDRM	252	6815	6490	256	234
BDRM 1	228	4209	4202	158	152
FOYER	110	3426	1283	129	46
MST BDRM	276	2112	2878	79	104
UTILITY	54	925	1624	35	59
MST BATH	228	6217	7464	233	269
WIC	120	3725	1627	140	59
HALL	18	28	41	1	1
HALL 1	30	47	68	2	2

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



wrightsoft

Right-Soft® Universal 2015 15.0.19 RSU15261

...ts\Wrightsoft\HVAC\Template\5 Ton Ameristar.rup Calc = MJ8 Front Door faces: N

2020-Jul-02 12:29:38

Page 1

Entire House	2397	42637	44315	1600	1600
Other equip loads		0	0		
Equip. @ 0.97 RSM			42986		
Latent cooling			8855		
TOTALS	2397	42637	51841	1600	1600

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.