



Case Summary Report

Roltay Inc. Energy Services

Job: #Bryant1 12/13/2014

98 Ovebrook Road, Madison, CT 06443 Phone: 2036721330 Email: buck@roltay.com Web: www.roltay.com

Case 1

Outdoor: 123ANA018000BC Indoor: CNPVP2414ALA

Type: Dom SplitAC, 208/230, 1ø

SODB (°F)	SIDB (°F)	SIRH	SIWB (°F)	WODB (°F)	WIDB (°F)	Elev (ft)	Suction line loss (ft)	AVF (cfm)
84.0	75.2	53.5	63.7	7.0	70.0	0	1.4	587

	Unit AVF (cfm)	Net Cool Sensible (Btuh)	Net Cool Latent (Btuh)	Net Cool Capacity (Btuh)	SEER	Cool kW	Net Heat Capacity (Btuh)	HSPF	Heat kW
AHRI Rated:	600	0	0	17500	13.00	0.00	0	0	0
Adjusted:	587	13059	4295	17354		1.38	0		0



Case Details Report

Roltay Inc. Energy Services

Job: #Bryant1 12/13/2014

98 Ovebrook Road, Madison, CT 06443 Phone: 2036721330 Email: buck@roltay.com Web: www.roltay.com

Case 1

Equipment Cooling Data Table

Outdoor: 123ANA018000BC Indoor: CNPVP2414ALA

	ODB (°F)	75			85			95			105			115			125		
		Total	Sens	Pwr	Total	Sens	Pwr	Total	Sens	Pwr	Total	Sens	Pwr	Total	Sens	Pwr	Total	Sens	Pwr
AVF	EWB	(Btuh)	(kW)	(Btuh)	(kW)	(Btuh)	(kW)	(Btuh)	(kW)	(Btuh)	(kW)	(Btuh)	(kW)	(Btuh)	(kW)	(Btuh)	(kW)	(Btuh)	(kW)
(cfm)	(°F)																		
525	57	16780	16780	1.23	16150	16150	1.37	15480	15480	1.54	14770	14770	1.72	14000	14000	1.92	13150	13150	2.13
	62	17270	15730	1.22	16490	15360	1.37	15680	14970	1.54	14830	14550	1.72	14000	14000	1.92	13150	13150	2.13
	67	18790	13260	1.22	17950	12900	1.37	17050	12520	1.53	16120	12140	1.72	15130	11740	1.92	14030	11300	2.13
	72	20460	10760	1.21	19550	10410	1.36	18590	10050	1.53	17620	9690	1.71	16570	9300	1.91	15400	8880	2.13
600	57	17460	17460	1.25	16790	16790	1.40	16070	16070	1.56	15320	15320	1.75	14510	14510	1.94	13610	13610	2.16
	62	17660	16880	1.25	16870	16490	1.40	16060	16060	1.56	15320	15320	1.75	14510	14510	1.94	13610	13610	2.16
	67	19110	14100	1.25	18230	13730	1.40	17300	13360	1.56	16350	12970	1.74	15330	12570	1.94	14200	12120	2.16
	72	20790	11280	1.24	19830	10920	1.39	18830	10550	1.56	17830	10190	1.74	16760	9800	1.94	15550	9370	2.16
675	57	18010	18010	1.28	17300	17300	1.43	16550	16550	1.59	15760	15760	1.77	14920	14920	1.97	13970	13970	2.19
	62	18010	17910	1.28	17300	17300	1.43	16540	16540	1.59	15760	15760	1.77	14920	14920	1.97	13970	13970	2.19
	67	19330	14900	1.27	18430	14540	1.42	17480	14150	1.59	16510	13770	1.77	15480	13350	1.97	14330	12890	2.19
	72	21030	11770	1.27	20020	11400	1.42	18990	11030	1.58	17970	10670	1.77	16880	10280	1.97	15650	9850	2.18

ODB: Outdoor dry bulb
EWB: Indoor wet bulb
AVF: Air volumetric flow

Total: Total capacity
Sens: Sensible capacity
Pwr: kW input