

Honeywell

PermaFrost

Performance of PermaFrost by Honeywell

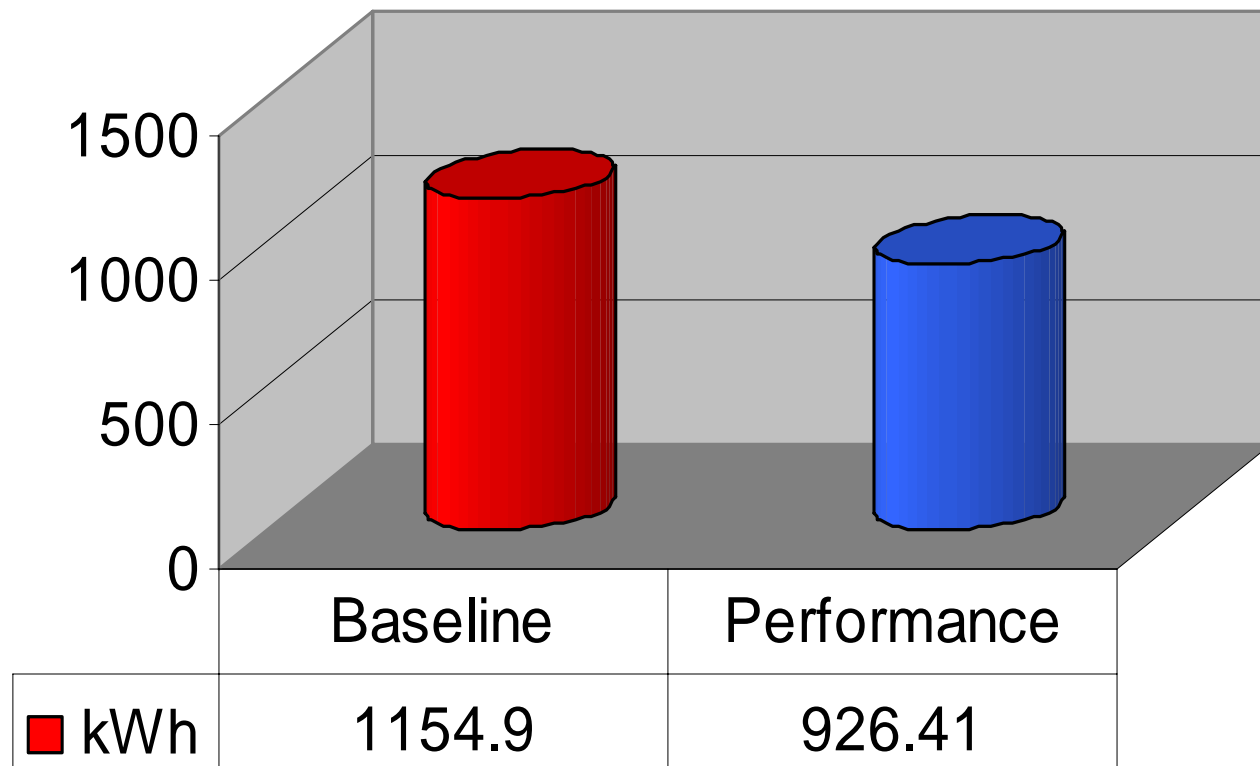
THIS TEST WAS MONITORED BY HONEYWELL CORPORATION ON A 40 HP TRANE CHILLER AT KAPLAN'S BEN HUR DEPARTMENT STORE. THE TEST WAS CONDUCTED BY HONEYWELL ENGINEERS TO EVALUATE PERMAFROST™. THE POST TREATMENT DATA WAS COMPARED TO THE BASELINE, RESULTING IN AN OVERALL PERFORMANCE IMPROVEMENT OF 19.8%

THE TEST WAS CONDUCTED ON SITE TAKING IN CONSIDERATION THE FOLLOWING PARAMETERS

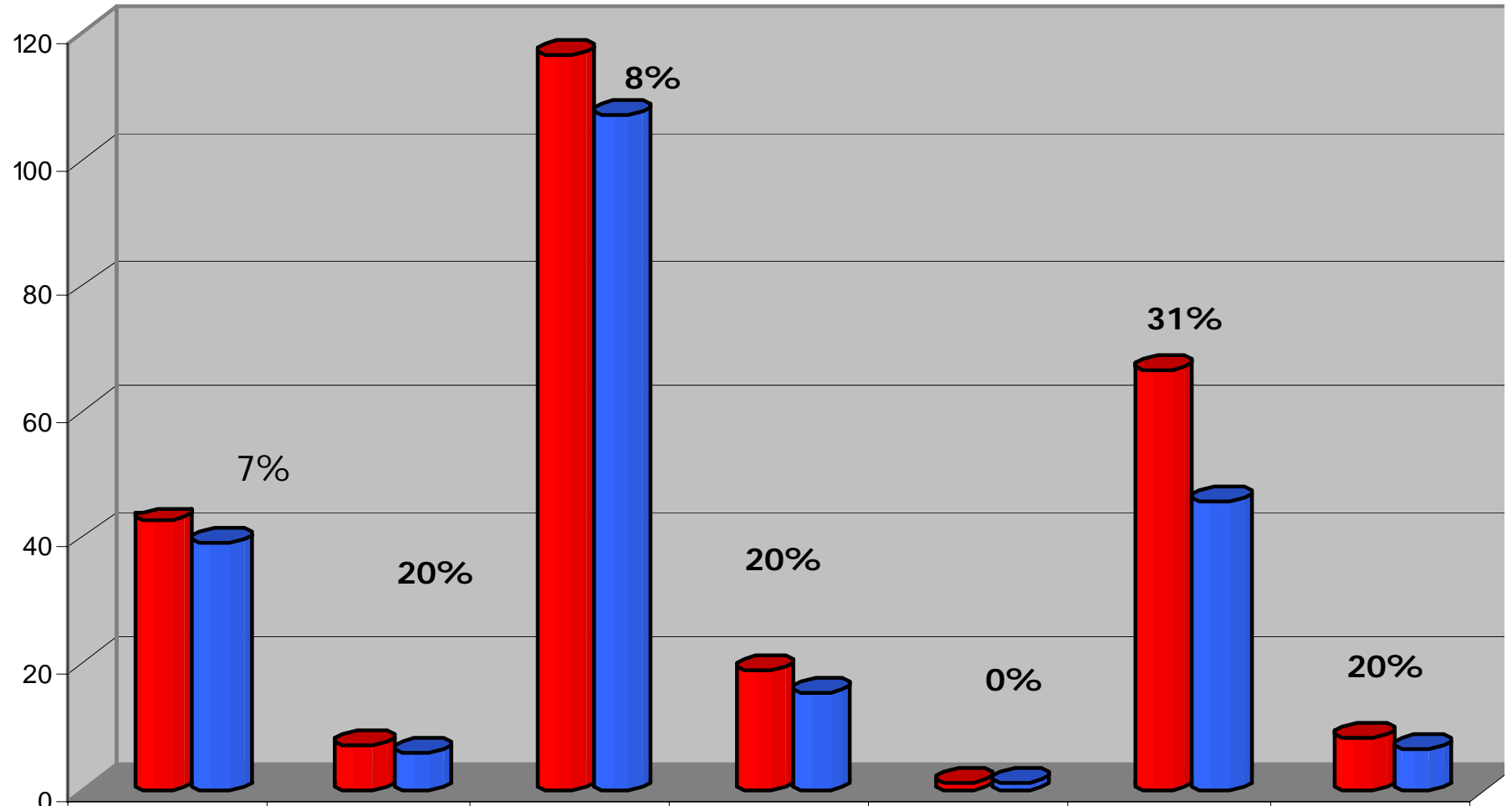
INDOOR TEMPERATURE
AMBIENT TEMPERATURE
HUMIDITY, RELATIVE HUMIDITY
KW
KWH
POWER FACTOR
KVA
AMPS
RUN TIME

HONEYWELL PERFORMANCE RESULTS

19.8% Total kWh Reduction

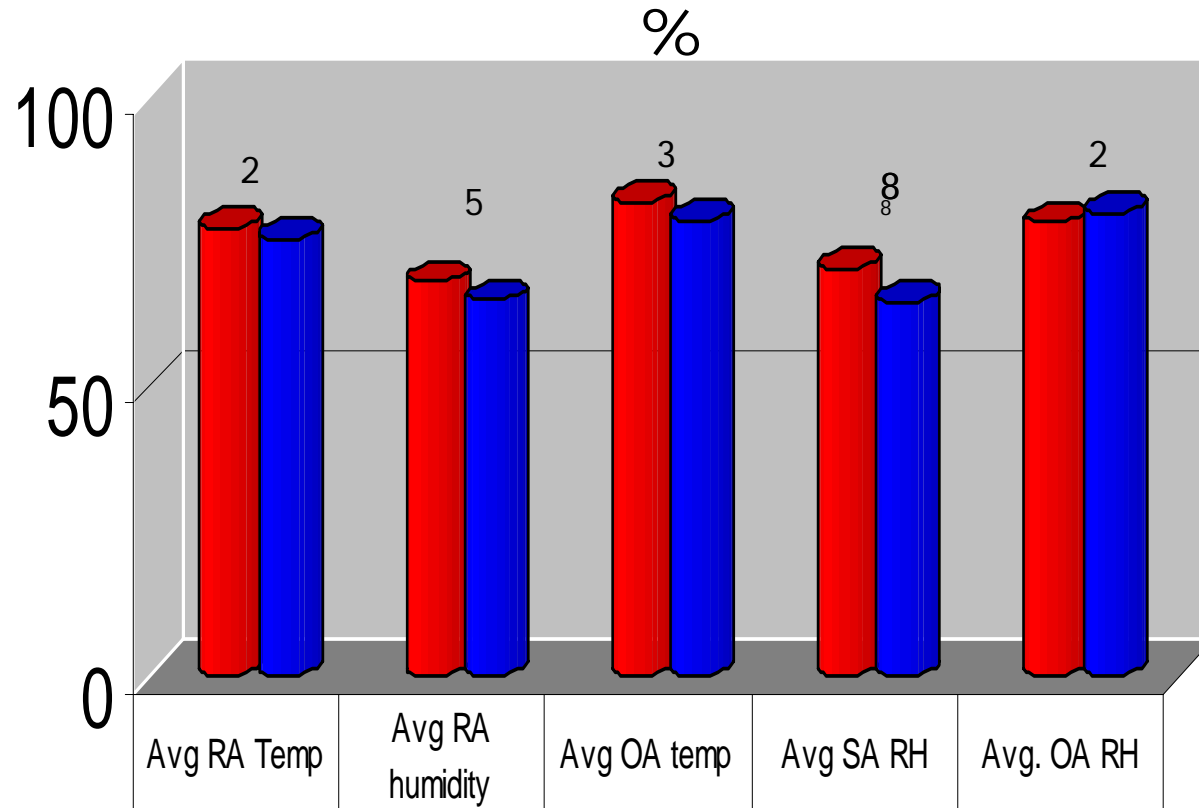


Kaplan/Honeywell Performance Results



	Max Kw	Avg. Kw	Amps	Amps. Avg.	Max PF	Max KVA	Kva Avg.
Series1	42.42	6.84	116.55	18.75	0.87	66.5	7.88
Series2	39.3	5.48	107.3	15.04	0.87	45.7	6.32

Temperature and Humidity



Baseline	77.4	68.2	82	70.6	78.4
Performance	75.8	65	79	64.6	79.8

Reduction in Run-Time 12.7%

