Rydlyme Cleaning Will Save You Money

____Cost Saving Analysis

350 Ton Chiller

System		KW/Ton		Factor		Hour		KWH		Energy Cost
350 Ton	**X**	.80	**X**	100%	**X**	6570	**X**	.065	=	**$119,574**

The Cost of Scale: Take a look at how scale can effect energy costs… Figures are in addition to the cost of operating a clean, efficient unit.

Fouling Factor	Increased Energy Cost
10 %	$11,957.40
20%	**$23,914.80**
30%	$35,872.20
40%	$47,829.60
50%	$59,787.00

Even at a 20% fouling factor, it proves most economical to chemical clean the unit, instead of manual cleaning. Take a look at the difference:

Manual Cleaning (Tube Brushing)

(2) Men @ $50 per hour
40 Hours to disassemble & clean

Total Cost - $4,000

Chemical Cleaning

RYDLYME Cost - $1,393
(2-55 gal. drums, 1-30 gal)
(2) Men @ $50 per hour
6 Hours to run circulation
Labor Cost - $600

Total Cost - $1,993

Overall Savings (based on 20% fouling factor) for one 350 ton chiller.

Energy Savings		Manual Cleaning		***RYDLYME*** Cost		Net Savings
$23,914.80	+	$4,000	-	$1,993	=	**$25,921.80**