

DAYTON HAND DRYER COST SAVINGS ANALYSIS WORKSHEET

(3NXE7, 5W630, 5W631, 5W632, 5W633, 3NXE8, 6H009, 1GVL6, 1GVL7)

Enter values below to calculate the annual cost savings in switching from paper towels to an electric air dryer.

1 Your annual paper towel costs

How many cases of paper towel usage per year? **A** _____

What's the price of paper towel per case (including shipping cost)? **B** _____

YOUR TOTAL COST OF USING PAPER TOWELS: **C** \$ _____

$$C = (\$15 + B) \times A$$

average \$15.00/case of maintenance services fee

2 The annual hand dryer electricity costs

How many sheets or feet per case of paper towels? **D** _____

The paper towel consumption presents how many hand-dries.

Ex: Multi/C-fold towels (2,400/case or 4,000/case)

Center-pull towels (3,600/case) . Roll towels (4,200 ft/case)

What is your electricity rate? **E** _____

Ex: Commercial- average rate \$0.10 KWH . Industrial- average rate \$0.065 KWH

YOUR TOTAL ANNUAL HAND DRYER ELECTRICITY COST: **F** \$ _____

$$F = A \times D \div 2.5 \times E \times 30 \div 3600 \times 2.3$$

average 2.5 sheets/ft per hand-dry 30 second dry time Electrical Rating of heat on and mid speed = 2.3 kw

3 Your total annual savings if you switch from paper towels to hand dryers:

G \$ _____

$$G = C - F$$