



# **Airguard Analysis for a US Electronic company**

## **The product: cable box**

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Utilizing a Fully Automatic Delivery System and  
Custom Designed Cushions

# Airguard Pack Out

New design to keep plug and remote control in place during shipping.  
Easy load bottom tray, saving on time and material cost for bag.



# Airguard Pack Out

Airguard “drop in” pad protection and load design, makes packing easy and fast, for more throughput and a better customer experience.



# Weights and Dimensions

	Airguard	Sending Box	Returns Box
Weight	1.15 lbs	2.05 lbs	2.10 lbs
Dimensions	13.25" x 13" x 7.875"	17.5" x 13.125" x 6.1875"	18.5" x 13.25" x 5.625"
Dimensional Weight	9 lbs	11 lbs	10 lbs

Shipping			
Ground	\$17.74	\$19.77	\$18.46
Next Day Air	\$158.03	\$174.99	\$166.95

# Dim Weight

## Current 11 lbs Vs Airguard 9 lbs...

Dimensional savings up to 2 lbs per shipment.

Period	Quantity	Current Solution Cost	Airguard Solution Cost	Saving
Day	2,500	\$49,425	\$44,350	\$5,075
Month	62,500	\$1,235,625	\$1,108,750	\$126,875
Year	750,000	\$14,827,500	\$13,305,000	\$1,522,500

# Return and Reuse

- 40% of packs are “return packs”
- A 400% improvement in pack production
- Simplicity at the consumer level for return shipments

Period	Quantity	Airguard Solution Saving
Day	1,000	-\$2,030
Month	25,000	-\$50,750
<b>Year</b>	<b>300,000</b>	<b>-\$609,000</b>

# Labor Saving

Time to fold and insert all pcs for current pack:



**01:31:08**

**Airguard pack out time:**



**00:23:06**

Period	Quantity	Packer Hourly Salary	Current Solution Cost	Airguard Solution Cost	Saving
Day	2,500	\$11.10	\$606	\$106	\$500
Month	62,500	\$11.10	\$15,147	\$2,659	\$12,488
Year	750,000	\$11.10	\$181,763	\$31,913	\$149,850

# Airguard vs. Korvu

- Superior Protection
- a 20 to 1 reduction in warehouse space requirements
- Corrugated savings

Topic	Current Solution	Airguard Solution	Saving
Dim Weight	\$14,827,500	\$13,305,000	\$1,522,500
Return And Reuse			\$609,000
Labor Saving	\$181,763	\$31,913	\$149,850
<b>Total</b>	<b>\$15,009,263</b>	<b>\$13,336,913</b>	<b>\$2,281,350</b>