URDUE UNIVERSITY

Elise Lund (B.S. FPE), Katie Krawczyk (B. S. FPE), Katie Smethers (B.S. FPE), and Troy Tonner (B. S. FPE)

- (emissions, waste water, waste byproducts)

- last 6 months





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Peters, Max S., Klaus D. Timmerhaus, and Ronald E. West. Plant Design and Economics for Chemical Engineers. New Delhi: McGraw-Hill Corporation, 2011. Print. TetraPak. (n.d.). Dairy Processing Handbook. Lund, Sweden.

CAPSTONE/DESIGN EXPERIENCE 2016 **Boiler Bites:** Ice Cream Waffle Balls

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PURDUE AGRICULTURE PURDUE UNIVERSITY



&	Size	Cost-Annualized (over 10 years @ 5%)
	Radius: 0.252 m Rotation Speed: 7000 rpm	\$4868/year
unit	Area: 3ft by 5ft Heater: 2 plates Regenerator:110 plates Cooler: 30 plates	\$12,355/year
er	Surface Area: 0.85 sq. m Rotation Speed: 2000 rpm	\$27,250/year
	Freezer temperature: -20 Celsius	\$751.10/year



