

Air Humidification Practice

• Boutwell, Owens & Co., Inc., Fitchburg Massachusetts •

The Complete Package



Boutwell, Owens & Co., Inc.

DRAABE TurboFog 16 ▶

At Boutwell customer satisfaction is the truest measure of success. Quality service and products are critically important. Optimum air humidity is a fundamental climatic parameter for a trouble-free production process.

Boutwell, Owens & Co., Inc. is one of the leading designer and manufacturer of printed paperboard packaging specialized in blister cards and folding cartons used at point of sale. From item specification, to electronic graphic files, to printing, finishing, warehousing and distribution Boutwell offers its clients a „Complete Package“. Since the beginning in 1887, high quality and absolute customer satisfaction have had paramount importance. So it comes as no surprise that Boutwell attaches particular significance to air humidification.



Completely humidified

„As we print on clay-coated paper, the humidity level and stability is critical“, says Gary Turner, plant engineer at Boutwell, in defence of the need

for additional humidification. Since 2005, the entire production chain – from electronic pre-press and print rooms right up to the offices – has been completely humidified using the high-pressure DRAABE TurboFog system. The flexibility with which the TurboFog 4, 16 and 32 atomizers can be combined together guarantees optimum humidification for each individual requirement made by different rooms. The complete system has only one high-pressure circuit and thus costs very little to buy and operate.

Curling eliminated

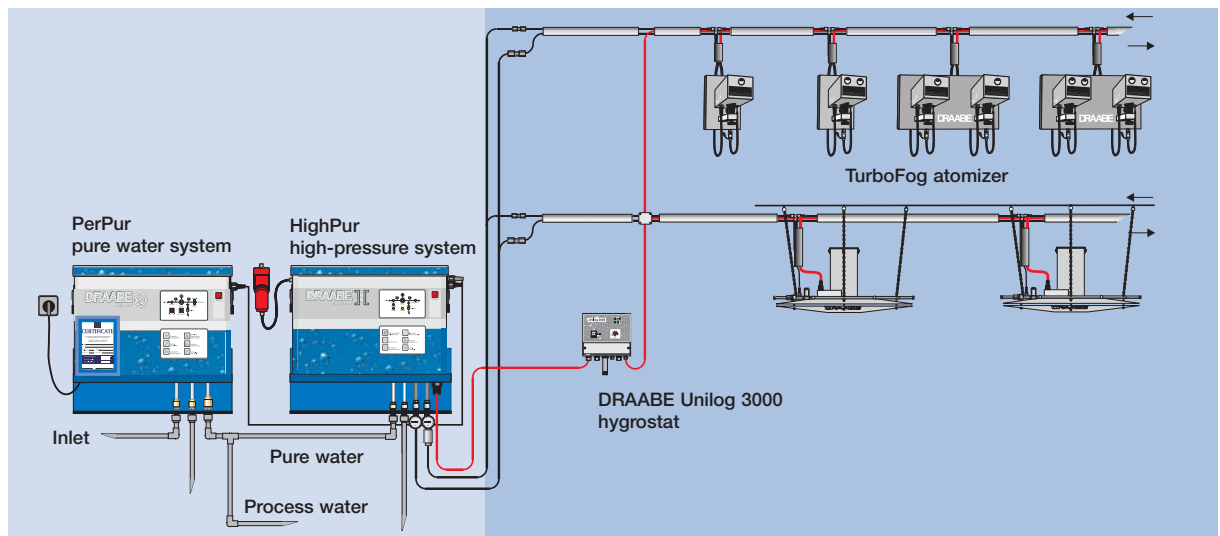
„Since the installation of the DRAABE system, we have eliminated any quality issues due to warping or curling – this saves time and money“, says Gary Turner in describing the benefits of this system. The unique DRAABE Full Service Rental Agreement guarantees 100% hygienic, trouble-free operation with an unlimited guarantee: the service containers for reverse osmosis and the high-pressure pump are automatically replaced with completely serviced and disinfected devices every six months. For Gary Turner, this is the best available technology: „As long as the promised quality and service continue there can be no better system“.

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DRAABE High-Pressure Humidification TurboFog

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System Schematic: Boutwell Owens & Co., Inc.



Pure water system:

3 DRAABE PerPur 120

High pressure system:

2 DRAABE HighPur 202

Application / nozzle system:

- (1) Administration, pre-press:
4 DRAABE TurboFog 4
- (2) Pressroom, bindery:
9 DRAABE TurboFog 16
- (3) Work in process, bindery:
7 DRAABE TurboFog 32

Humidity require:

50 – 55% relative humidity

Installation:

March 2005

Benefits of air humidification:

- Faster production
- Eliminates paper curl
- No static buildup
- Reduces spoilage and dust
- Higher register accuracy
- Consistent quality
- Pleasant room climate

Benefits of the DRAABE full-service rental agreement:

- Half-yearly exchange of the system container
- Maintenance and disinfection
- 100% hygienic
- Total operating safety
- Unlimited warranty
- Technological upgrades as they develop

Canada:
DRAABE
A division of AxAir Nortec Ltd.
2740 Fenton Road
Ottawa, Ontario K1T 3T7
Phone: (613) 822-0335
www.draabe.com

USA:
DRAABE
A division of AxAir Nortec Inc.
826 Proctor Ave.
Ogdensburg, New York 13669
Phone: (315) 425-1255
www.draabe.com

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