

Air Humidification Practice

• Apex Graphics, Mississauga, Ontario •

Our Strengths are your Advantage!



DRAABE TurboFog 4 and TurboFog 32

Reinforced by over 20 years of experience, Apex Graphics is the leading Canadian supplier of precision-folded, package inserts and outserts. A new air humidification system has increased productivity significantly.

With complete in-house facilities and state-of-the-art printing, folding and finishing equipment, Apex



Melanie Sands (co-owner) and Bryan Connolly (bindery supervisor) are very happy with the DRAABE system

is successfully established as a preferred supplier to leading pharmaceutical, cosmetic and food-processing manufacturers. Dedicated to the company philosophy "Our strengths are your advantage" Apex Graphics is continually striving to increase productivity and lower costs to its customers.

Struggles with curl and static

So it comes as no surprise that Apex attaches particular significance to air humidification. "When running extremely lightweight stocks, we were having considerable struggles with excessive curl and static resulting from low humidity in our plant. These problems were having a definite impact on production, leading to slower run speeds and increased down-time," remembers co-owner Sean Magill. After researching different humidification

systems, two DRAABE TurboFog 32 high-pressure humidifier and three TurboFog 4 units were installed in the pressroom and bindery. "DRAABE offered a clean, efficient and maintenance-free solution. Furthermore the system is expandable, which allows it to grow with us and not be a fixed investment," says Sean Magill. The flexibility with which the different TurboFog atomizers can be combined together guarantees optimum humidity for each individual room requirement. With only one high-pressure circuit, the complete system costs very little to buy and to operate.



Portable DRAABE containers are simply exchanged for servicing

Immediate improvement

As part of the Full-Service Rental Agreement, DRAABE replaces the water treatment and high-pressure containers for servicing and disinfection every six months. "We decided to go with this rental system so that we could reduce time and money spent on maintenance. Without exception, we are very confident in our decision to install the DRAABE system, says Magill. "We noticed an immediate improvement in production and have been very satisfied with our partnership with DRAABE."

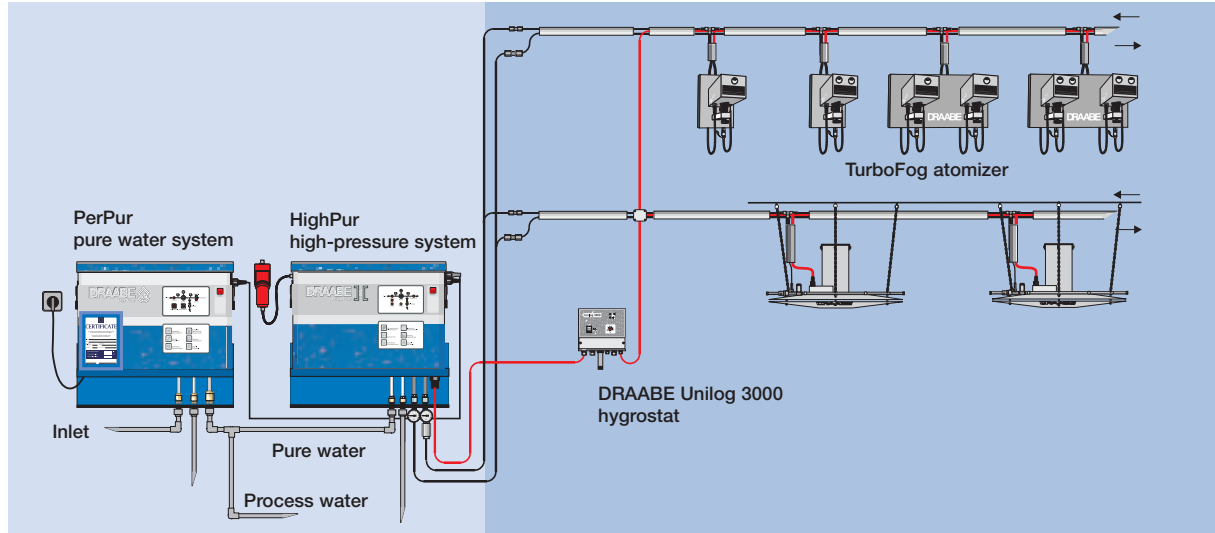


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DRAABE High-Pressure Humidification TurboFog

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System schematic



Pure-water System:

1 DRAABE PerPur 2122

High-pressure System:

1 DRAABE HighPur 202

Application/ Nozzle System:

- (1) Pressroom, finishing:
 - 2 DRAABE TurboFog 32
- (2) Bindery:
 - 3 DRAABE TurboFog 4

Humidity Required:

45% relative humidity

Installation:

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Benefits of Air Humidification:

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

Benefits of the DRAABE Full-Service Rental Agreement:

- Exchange of the system container every 6 months
- Maintenance and disinfection
- 100% hygienic
- Total operating safety
- Unlimited warranty
- Automatic upgrades
- Commercial planning reliability

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