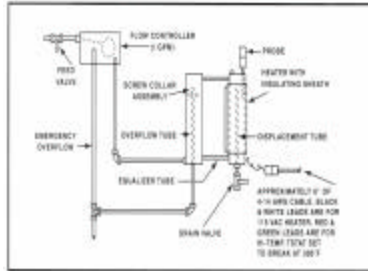


NIAGARA BLOWER COMPANY No-Frost[®] REFRIGERATION SYSTEMS

Boiling Point Analyzer (BPA)

Maintain precise automatic concentration control,
while eliminating potential glycol freeze up conditions in your conditioner.



Boiling Point Analyzer	Analyzer Diagram	Concentration Control Cabinet
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The Boiling Point Analyzer (BPA) is designed to maintain the “No-Frost” liquid concentration in either the sump and/or conditioners (at any liquid level), providing a controlled quality air stream and preventing freezing.

The BPA continuously samples approximately one gallon per minute of “No-Frost” liquid by measuring its boiling point temperature. When the water content of the “No-Frost” liquid increases, the BPA senses the decrease in temperature and energizes the concentrator. The concentrator will operate until enough water has been removed to increase the boiling point temperature to the pre-set setting, which will deenergize the concentrator. This cycle will continue as long as the “No-Frost” conditioner is in operation and removing water from the conditioned air stream.

The BPA is equipped with an electronic concentration controller with digital display that is pre-mounted and pre-wired into a concentration control cabinet for easy installation.

ADVANTAGES

- | | |
|---|---|
| <ul style="list-style-type: none"> • Automatic operation • Eliminate evaporator freeze up controls • Precise concentration control | <ul style="list-style-type: none"> • Easy adjustment • Reduced maintenance requirements • Easily retrofitted |
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For more information about this as well as other No-Frost[®] system upgrades, please contact the Niagara factory offices in Buffalo, NY.

