

EFFECTIVE AND EFFICIENT



GF-3200PFT

Saves thousands of gallons of water per season without giving up comfort and performance!



SAVE WATER AND ENERGY!

Ordinary humidifiers send water and energy down your drain!

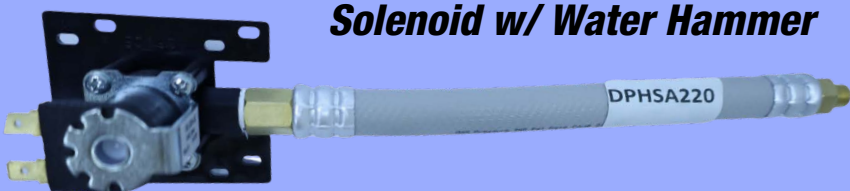
**UP TO 80%
WATER
SAVINGS**



GF-4200PFT

**UP TO 88%
WATER
SAVINGS**

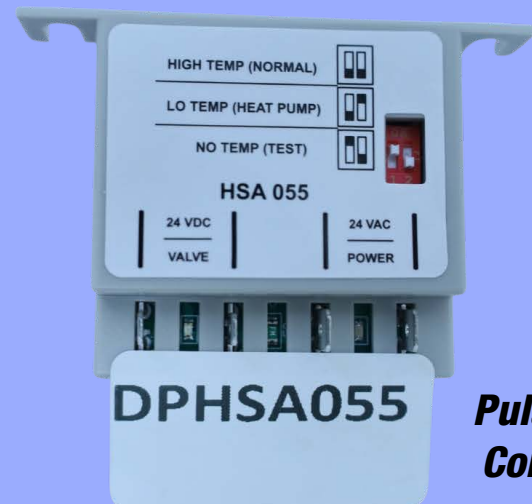
PFT (Pulse Flow Technology) utilizes 3 key components to save with up to 80% of water wasted down the drain



Solenoid w/ Water Hammer



Water Diffuser



DPHSA055

Pulse Flow Controller

Features & Benefits

WATER EFFICIENT FLOW-THROUGH

- Patented¹ electronic water flow control reduces demand for water by up to 88% compared to ordinary flow-through humidifiers. When in operation, the water supply solenoid valve is pulsed on for approximately 4 seconds, sufficient time to soak the entire evaporative pad. Upon saturation, the valve is closed for approximately 30 seconds to allow the dispersed water to evaporate without the waste of excess water flowing into the pad and down the drain. The interval times on this cycle can be changed depending on the type of furnace.

FILTER FRAME

- Large replaceable filter pad is encased in a disposable frame designed to retain water during the quenching cycle which further reduces wasted run-off water.

WATER HAMMER PROTECTION

- Quiet and reliable operation of DCV solenoid valve is further enhanced by section of engineered rubber hose to absorb potential 'water-hammer' shock.

EFFICIENT OPERATION

- The electronic water flow controller limits the amount of waste water which also reduces energy loss from furnace heat which is no longer transferred to the excess flow-through water normally lost down the drain.

EASY TO INSTALL

- Universal mounting
- Light weight, compact design. Comes complete with installation kit and humidistat control.

WARRANTY

- Limited lifetime warranty on durable plastic frame and door.
- 5 years on solenoid valve and 1 year on pulse controller. Consumables not included.

1 US Patent 6,354,572, Canadian Patent CA 2,313,402

Specifications

Model	GF-3200PFT	GF-4200PFT
Sizing	*Up to 3,200 sq. ft.	*Up to 4,200 sq. ft.
Capacity ¹	13 GPD (2 litres/hr.)	18 GPD (2 litres/hr.)
Water efficiency ²	~90%	~90%
By-pass duct	6"(150mm Ø)	6"(150mm Ø)
Plenum opening	9 1/4"(235mm W) 8 1/4"(210mm H)	8 3/4"(222mm W) 12"(304mm H)
Unit dimensions ³	13 1/4"(337mm W) 11 1/2"(290mm D/L) 10"(254mm H)	13"(330mm W) 10"(254mm D/L) 16 1/2"(419mm H)
Replacement pad	DS00200 Size 9 1/2"(241mm W) 9 1/2"(241mm H) 1 5/8"(41mm D)	GA900 Size 9.62"(244mm W) 11 1/2"(292mm H) 1 1/2"(38mm D)
Solenoid Electrical Supply	24VAC (60H)	24VAC (60H)
HSA055 Controller Connection	0.25" Ø OD	0.25" Ø OD
Drain requirement	Yes	Yes
Shipper dimensions	13 1/2"(343 mm W) 16"(406 mm D/L) 10"(254mm H)	13 1/2"(343mm W) 18"(457mm D/L) 10"(254mm H)
Shipping weight	7 lbs (3.2Kg)	9 lbs (3.6Kg)

NOTES

- Based on 120°F/49°C entering air temperature, 165CFM air flow
 - Ratio of water used for humidity relative to total water required for cleaning or other purposes
 - Body only, does not include solenoid valve
 - DC Power taken from output on Pulse Flow Control Unit
- * Square footage based on ANSI/AHRI test standards 610

The patented water-saving Pulse Flow control reduces the flow of water to the evaporative panel by 88% compared to standard flow-through humidifiers. Ordinary flow-through humidifiers without water metering technology can send up to 90% of water fed to the humidifier down the drain. The Pulse control opens the water valve to soak the evaporative panel for 3-4 seconds. Upon saturation, the water valve is closed for 30 seconds to allow the water to evaporate without the waste of excess water flowing down the drain. This saves water without compromising performance, while maintaining all the benefits of flow-through design.