

[PURACELL VPGT & VP-SGT] Gas Turbine Series

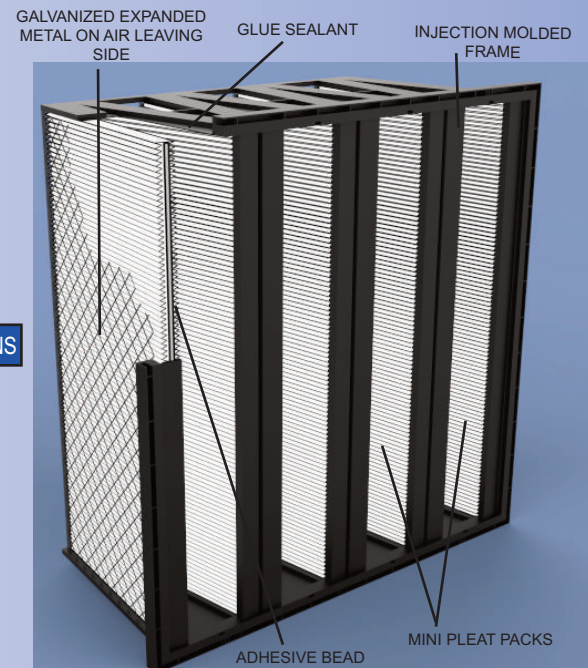
- Heavy-duty Construction for Gas Turbine Applications
- Glass Microfiber Media or Synthetic Fibers Provide Excellent Moisture Resistance
- Extra Durability for Demanding HVAC Applications

FEATURES >

Glasfloss Puracell VPGT & VP-SGT filters are designed to withstand the rigors of a gas turbine engine, centrifugal compressor and other high velocity applications. Heavy-duty face grills and additional media pack reinforcements ensure the integrity of the filters under the most demanding conditions. Glasfloss GT filters are available in MERV 14 and MERV 15 ASHRAE performance.

The Glasfloss Puracell GT all plastic frame utilizes multiple mini-pleat packs which allow low resistance to air flow and long service life. The media shall be constructed of a water resistant, inorganic glass microfiber (or synthetic fibers). The media pack shall consist of a continuous sheet of the pleated media that is separated by a uniform glue bead which produces low pressure drop while maximizing the filtration area. A 1/4" neoprene thick gasket shall be applied on the filter. An expanded metal face guard is installed on the air leaving side of the frame to insure filter integrity and increase rigidity. The expanded metal shall be galvanized to resist rust and corrosion. The filter shall be rated to withstand temperatures up to 180 degrees Fahrenheit. The VPGT shall withstand up to 23 in. w.g. and the VP-SGT shall withstand up to 25 in. w.g. in an "Air Filter Breaching Test." Puracell GT Series shall have MERV 14 performance on VPGT and MERV 15 performance on VP-SGT.

< **SPECIFICATIONS**



PURACELL VPGT MERV 14

MODEL NUMBER	SIZE H x W x D NOMINAL	SIZE H x W x D EXACT	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G.	MEDIA SQUARE FEET	SIZE H x W x D NOMINAL MM	RATED VELOCITY M/H	INITIAL RESIST. PASCALS
PUPH2412B3H1	24 x 12 x 12	23-3/8 x 11-3/8 x 11-1/2	500	.33	85.15	610 x 305 x 305	9150	82.12
PUPH2424B3H1	24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	500	.33	191.32	610 x 610 x 305	9150	82.12

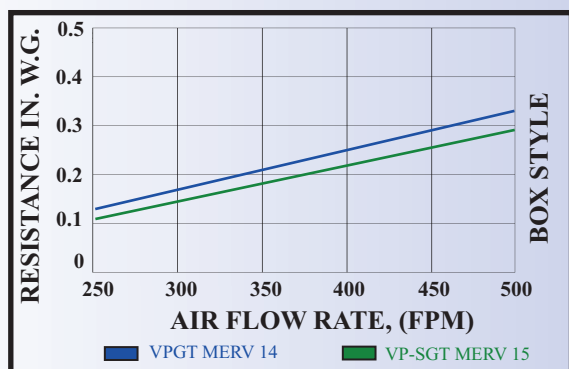
PURACELL VP-SGT MERV 15

PUPSH2412B9H1	24 x 12 x 12	23-3/8 x 11-3/8 x 11-1/2	500	.29	65.55	610 x 305 x 305	9150	72.16
PUPSH2424B9H1	24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	500	.29	146.93	610 x 610 x 305	9150	72.16

Tolerances shall be +/- 1/16" for height, width and depth. Performance values based on ASHRAE and in-house testing methods.

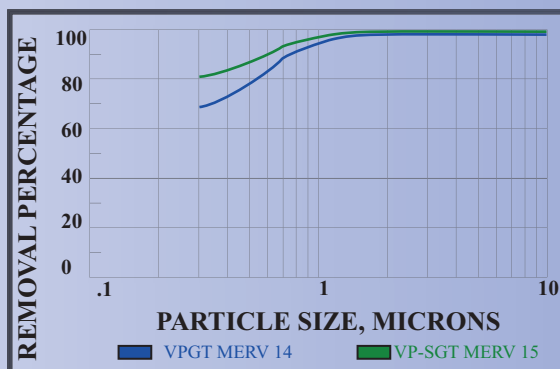
STANDARD PRESSURE DROP

Test Filter Size 24" x 24" x 12" Nominal



MINIMUM PARTICLE SIZE EFFICIENCY

Test Filter Size 24" x 24" x 12" Nominal



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