

ANPF902512PBH54

90mm by 90mm by 25mm, 12VDC AXIAL FAN, 4 wire PWM, 3rd wire tachometer



Summary -

High flow 90'mm axial fan with 4th wire PWM input at 25KHz and 3rd wire tachometer output signal. 70K hours continuous life at 40 degrees C ambient, IP54, rotor board coating (Humiseal® 1A27)

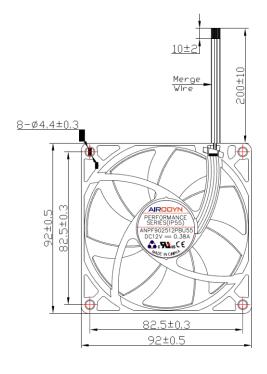
UL and CE approved. Other 3rd and 4th wire options available ('high on pass').

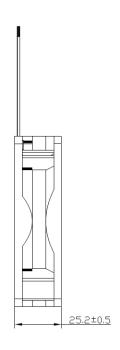


Features -

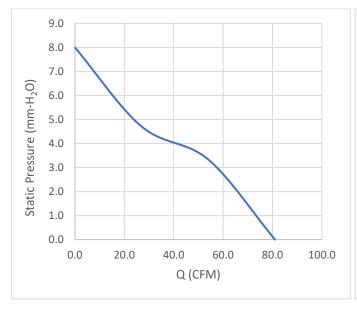
- 4 wire input 12VDC, 3rd wire 'tachometer' output signal wire, 4th wire 25KHz PWM input wire
- 81 CFM free delivery / 0.32"/ H2O
- 12VDC / 4.56W
- IP54 (IP20 coating available upon request)
- Premium Quality Ball Bearing system
- Operating Temperature Range: -20 to +70 degrees C
- Storage Temperature Range: -25 to +70 degrees C
- Leadwires:
 - Red 12VDC / Black OVDC / Yellow Tacho / Green PWM input
- UL file number: E512161
- Weight: 95 grams
- Acoustic Noise: 47 (dBA)

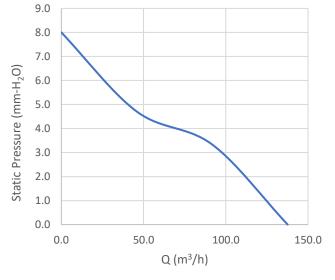
Dimensions -





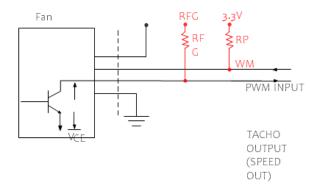
Airflow / Pressure Curve -





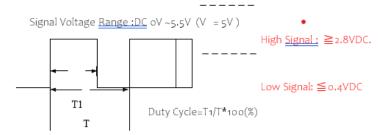
PWM Circuit -

PWM Circuit:(for reference) VCC



When VRPM = 3.3V We Recommend R PWM =1-10KΩ

PWM Control Signal Input:

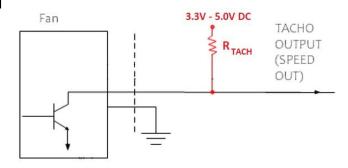


1.The 25KHz operating <u>frequency(</u>customer preferred)has been tested and checked.

2.At 100% duty cycle, <u>The</u> fan will operate at maximum speed.

3. The fan will default to operate at maximum speed when the speed control input() input()

Tacho Circuit -



NB: Suggested pull-up resistor value of 1K to $10K\Omega$