



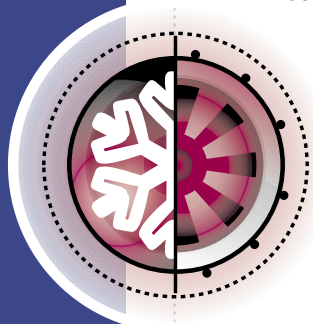
# SMI

## Super Wizzard Snowmaker

The SMI® Super Wizzard Snowmaker is SMI's best performer for marginal conditions and big throws. The Super Wizzard is offered in a variety of tower and carriage mounts, with a piston or vane compressor, and in manual and automatic mode of operation.

The Super Wizzard offers a 20-25HP (15-18 Kw) fan and 5 rings of 75 nozzles per ring that you can customize to achieve the water flows specific to your climate. These 375 heated nozzles are nucleated with a detachable periphery ring with 20 nucleator nozzles. Water adjustment is easy with four heated self draining valves.

The Super Wizzard is easy to use and will be the first snowmaker to start and last to stop at your resort.



**PROJECTED WATER FLOW RATES**

■ Gallons per minute

Ring#	100 psi	200 psi	300 psi	400 psi	500 psi
1-10 gph	12	17	21	25	28
2-10 gph	12	17	21	25	28
3-12 gph	14	20	23	28	31
1+2	24	34	42	50	56
1+2+3	38	54	64	78	87
1+2+3+4	52	74	87	106	118
1+2+3+4+5	71	101	120	144	160

■ Liters per minute

Ring#	7 Bar	14 Bar	20 Bar	28 Bar	34 Bar
	100 psi	200 psi	300psi	400psi	500psi
1	46	65	80	95	106
2	46	65	80	95	106
3	53	76	87	106	117
4	53	76	87	106	117
5	72	102	125	144	159
1+2+3	106	152	182	208	235
1+2+3+4	198	282	334	402	446
1+2+3+4+5	384	459	546	605	



## Super Wizzard

### TECHNICAL SPECIFICATIONS

- **Mount:** Tower or 3-wheel galvanized steel carriage with Cat lifting brackets
- **Electrical:** 3 Phase
- **Fan:** Horsepower: 20-25 HP (15-18 Kw)  
Propeller: Welded Aluminum  
Screen: Stainless Steel
- **Compressor:** 5 or 10 HP (4-7.5 Kw) Piston  
5 or 10 HP (4-7.5 Kw) Hydrovane
- **Heating:** 4-6 Kw
- **Water Flow:** 12 - 150 GPM (45 - 600 LPM)
- **Water Pressure:** 100 - 500 PSI (7 - 34 Bar)
- **Water Connection:** Customer's choice
- **Valves:** 4 self-draining heated 3-way valves
- **Nozzles:** 375 Nozzles (5 water rings with 75 nozzles each)
- **Nucleators:** 20 nucleating nozzles
- **Filtration System:** Stainless steel filter with washable 60 mesh screen, easy to use
- **Electrical Cord:** 150 ft. (45 meter) cord with plug of customer's choice
- **Rotation:** 360° horizontal rotation and -10° to 60° elevation adjustment
- **Oscillator:** Electric with 70° arc of rotation, optional
- **Warranty:** One year on parts and workmanship



**SMI COVERS THE WORLD**

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