

32.5" Face Height

Number of Fans	Model Complete Unit without Controls	Nominal Heat Rejection Capacity* (MBH / Tons)		Length (ft.)	Width (ft.)	Height (ft.)**	Dry Weight (lb.)	Operating Weight (lb.)
		95-85°F	120-90°F					
1	VRGA001	105 / 5	231 / 15	5.2	4.5	4.5	1030	1130
2	VRGA002	214 / 15	483 / 30	8.6	4.5	4.5	1600	1760
3	VRGA003	319 / 20	725 / 50	12.0	4.5	4.5	2180	2400
4	VRGA004	425 / 30	962 / 65	15.4	4.5	4.5	2760	3030
5	VRGA005	529 / 35	1222 / 80	18.8	4.5	4.5	3340	3680
6	VRGA006	618 / 40	1482 / 100	22.2	4.5	4.5	3920	4310
7	VRGA007	729 / 50	1691 / 115	25.7	4.5	4.5	4500	4940

***Capacity is based on the following conditions:**

1. Each ton = 15 MBH
2. Fluid is 50% Ethylene Glycol
3. Ambient air conditions: Dry Bulb = 95°F/ Wet Bulb = 71°F
4. 78.6°F water spray on temperature
5. 95°F / 120°F entering fluid temperature (EFT)
6. 85°F / 90°F leaving fluid temperature (LFT)
7. 20 ft. head maximum head pressure

****All heat rejection capacities and weights are estimates for reference only. All data provided is subject to change and should not be used for design of any support structure. Exact heat rejection capacities and weights are provided on an individual basis. Please contact NIMBUS@ Advanced Process Cooling for more information.**

70" Face Height

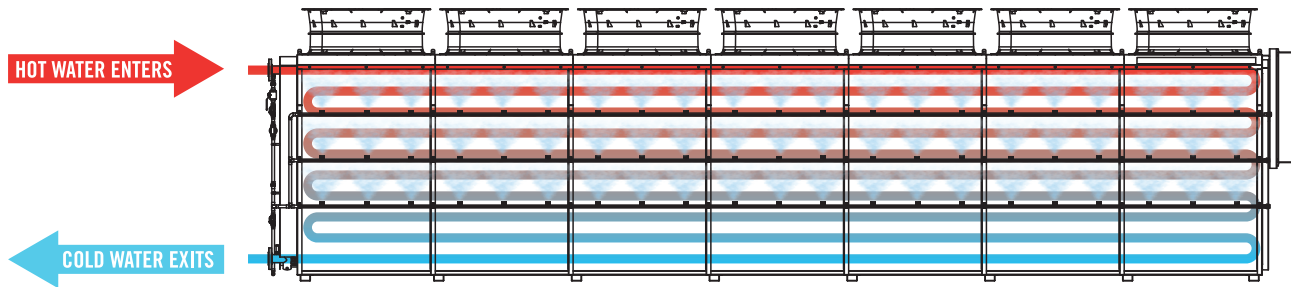
Number of Fans	Model Complete Unit without Controls	Nominal Heat Rejection Capacity* (MBH / Tons)		Length (ft.)	Width (ft.)	Height (ft.)**	Dry Weight (lb.)	Operating Weight (lb.)
		95-85°F	120-90°F					
1	VRGA011	198 / 15	450 / 30	5.8	5.7	7.2	1430	1670
2	VRGA012	397 / 25	900 / 60	9.5	5.7	7.2	2300	2670
3	VRGA013	585 / 40	1363 / 90	13.3	5.7	7.2	3160	3680
4	VRGA014	780 / 50	1775 / 120	17.0	5.7	7.2	4050	4710
5	VRGA015	969 / 65	2247 / 150	20.8	5.7	7.2	5530	6540
6	VRGA016	1149 / 75	2687 / 180	24.5	5.7	7.2	6540	7740
7	VRGA017	1340 / 90	3090 / 205	28.3	5.7	7.2	7530	8960

***Capacity is based on the following conditions:**

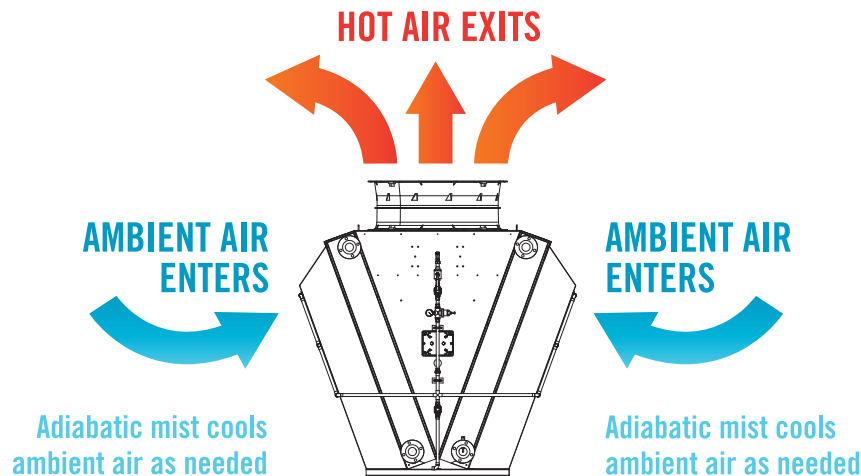
1. Each ton = 15 MBH
2. Fluid is 50% Ethylene Glycol
3. Ambient air conditions: Dry Bulb = 95°F/ Wet Bulb = 71°F
4. 78.6°F water Spray on temperature
5. 95°F / 120°F entering fluid temperature (EFT)
6. 85°F / 90°F leaving fluid temperature (LFT)
7. 20 ft. head maximum head pressure

****All heat rejection capacities and weights are estimates for reference only. All data provided is subject to change and should not be used for design of any support structure. Exact heat rejection capacities and weights are provided on an individual basis. Please contact NIMBUS@ Advanced Process Cooling for more information.**

HYBRID ADIABATIC WATER & AIR FLOW



Cooling flow in a typical VIRGA III[®] with EC fans



Key Advantages of NIMBUS Hybrid Adiabatic Cooling:

- 💧 Reduces water consumption up to 95% compared to traditional fluid coolers
- 💧 Does not rely on reservoir of standing water — eliminating a primary breeding ground for Legionella bacteria and winter sump freezing
- 💧 Adiabatic spray helps prevent summer overheating issues
- 💧 Does not require chemical treatment programs — saving thousands of dollars annually compared to traditional fluid coolers
- 💧 Stainless steel construction standard
- 💧 Quick installation
- 💧 Sized from 5 tons - 450 tons (VIRGA X3) of heat rejection per unit in most applications
- 💧 Virtually maintenance-free
- 💧 Corrosion-resistant copper tubing and coated aluminum fins
- 💧 EC fans and AC fans (with or without VFD) available to minimize energy consumption
- 💧 Custom-built UL/UL-C Industrial Control Panels