VIRGA X3™ BY NIMBUS

Performance Specifications

90" Face Height Industrial Application

Number of Fans	Model Complete Unit without Controls	Nominal Heat Rejection Capacity*		Length (ft.)	Width (ft.)	Height (ft.)	Dry Weight (lb.)	Operating Weight (lb.)
		MBH	Tons					
1	VRGA021	973	65	7	8.1	8.9	2880	3280
2	VRGA022	1933	130	11.8	8.1	8.9	4800	5580
3	VRGA023	2894	195	16.6	8.1	8.9	6940	8110
4	VRGA024	3854	260	21.4	8.1	8.9	8880	10430
5	VRGA025	4815	320	26.3	8.1	8.9	10850	12850
6	VRGA026	5740	385	31.2	8.1	8.9	12780	15140

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. *120°F entering fluid temperature (EFT)*
6. *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.*

90" Face Height HVACR Application

Number of Fans	Model Complete Unit without Controls	Nominal Heat Rejection Capacity*		Length (ft.)	Width (ft.)	Height (ft.)	Dry Weight (lb.)	Operating Weight (lb.)
		MBH	Tons					
1	VRGA021	423	30	7	8.1	8.9	2900	3320
2	VRGA022	837	55	11.8	8.1	8.9	4820	5630
3	VRGA023	1243	85	16.6	8.1	8.9	6970	8170
4	VRGA024	1647	110	21.4	8.1	8.9	8950	10590
5	VRGA025	2046	135	26.3	8.1	8.9	10850	12860
6	VRGA026	2445	165	31.2	8.1	8.9	12780	15150

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 entering fluid temperature (EFT)*
6. *85°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.*

BE BLUE

Engineered & Manufactured in the U.S.A.

NIMBUS®

ADVANCED PROCESS COOLING

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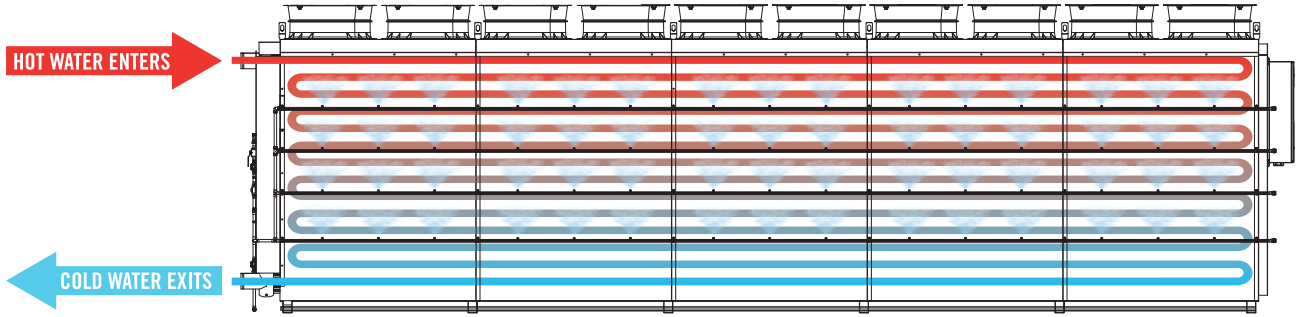
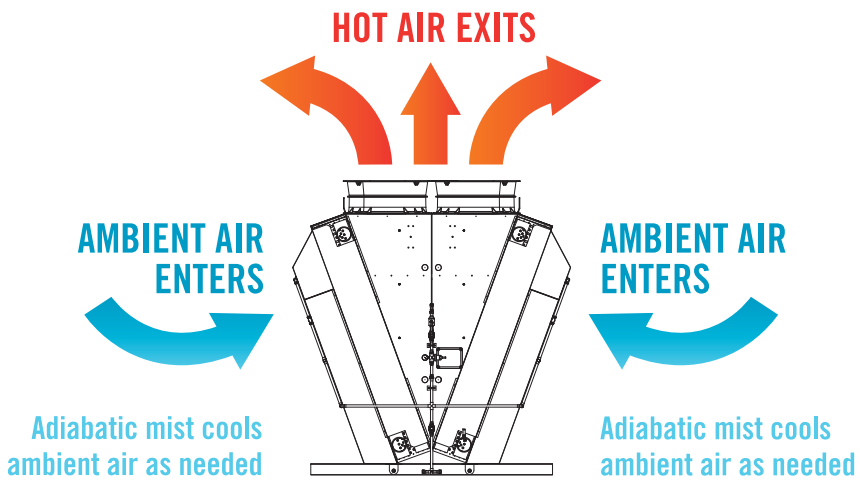
 V3 Rev. 12.13.18

VIRGA X3™ BY NIMBUS

HYBRID ADIABATIC WATER & AIR FLOW



Cooling flow in a typical VIRGA X3™



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
- Up to 450 tons of heat rejection per unit
- Virtually maintenance-free
- Corrosion-resistant copper tubing and coated aluminum fins
- EC or NEMA motors available to minimize energy consumption
- Custom-built UL/UL-C Industrial Control Panels

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