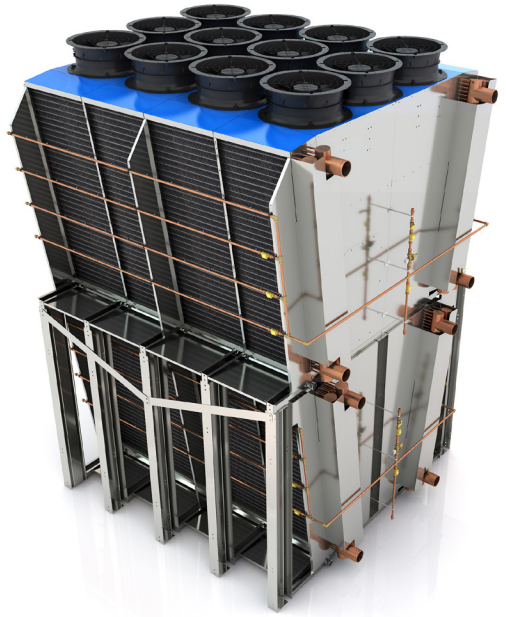
VIRGA™ Stratus™ Performance Specifications

EC PERFORMANCE SPECIFICATIONS

Model Complete Unit with Controls	HVACR APPLICATION Nominal Heat Rejection Capacity*		INDUSTRIAL APPLICATION Nominal Heat Rejection Capacity*		Length (ft.)	Width (ft.)	Height (ft.)	Dry Weight (lb.)	Operating Weight (lb.)
	MBH	Tons	MBH	Tons					
STRS003-EC-3	1635	109	3435	229	10.8	12	17.5	10742	12150
STRS004-EC-3	2187	146	4570	305	13.5	12	17.5	13140	15012
STRS005-EC-3	2716	181	5816	388	16.3	12	17.5	16345	18869
STRS006-EC-3	3269	218	6925	462	19.1	12	17.5	18992	21880
STRS007-EC-3	3822	255	8031	535	21.8	12	17.5	21648	24975
STRS008-EC-3	4374	292	9278	619	24.6	12	17.5	24252	27980
STRS009-EC-3	4880	325	10455	697	27.3	12	17.5	26950	31077
STRS010-EC-3	5433	362	11632	775	30.2	12	17.5	29553	34081
STRS011-EC-3	5986	399	12810	854	24.6	12	17.5	32403	37551
STRS012-EC-3	6570	438	13990	933	35.7	12	17.5	35396	40944

AC PERFORMANCE SPECIFICATIONS

Model Complete Unit with Controls	HVACR APPLICATION Nominal Heat Rejection Capacity*		INDUSTRIAL APPLICATION Nominal Heat Rejection Capacity*		Length (ft.)	Width (ft.)	Height (ft.)	Dry Weight (lb.)	Operating Weight (lb.)
	MBH	Tons	MBH	Tons					
STRS002-AC-2	1818	121	3800	253	11.0	12	17.5	10450	11895
STRS003-AC-2	2740	183	5750	383	15.3	12	17.5	14535	16660
STRS004-AC-2	3637	242	7750	517	19.5	12	17.5	18733	21733
STRS005-AC-2	4604	307	9700	647	21.3	12	17.5	22727	26348
STRS006-AC-2	5480	365	11500	767	25.5	12	17.5	26720	30955
STRS007-AC-2	6400	427	13500	900	29.8	12	17.5	30866	35942
STRS008-AC-2	7320	488	15375	1025	36.6	12	17.5	35395	41087



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

1. *Each ton = 15 MBH*
2. *Fluid is 40% Propylene Glycol*
3. *Ambient air conditions: Dry Bulb = 98°F/ Wet Bulb =73°F*
4. *Sea level elevation*
5. *75.5°F water spray on temperature*
6. *HVACR – 95°F entering fluid temperature (EFT)*
   85°F leaving fluid temperature (LFT)
7. *Industrial – 120°F entering fluid temperature (EFT)*
   90°F leaving fluid temperature (LFT)
8. *20 ft. head maximum fluid 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.

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BOREAS® S-SERIES™ Performance Specifications

EC PERFORMANCE SPECIFICATIONS

Model Complete Unit with Controls	APPLICATION #1 Nominal Heat Rejection Capacity*		APPLICATION #2 Nominal Heat Rejection Capacity*		Length (ft.)	Width (ft.)	Height (ft.)	Dry Weight (lb.)	Operating Weight (lb.)
	MBH	Tons	MBH	Tons					
BRSS003-EC-3	3090	206	3611	241	10.8	12	17.5	10365	11775
BRSS004-EC-3	4155	277	4792	319	13.5	12	17.5	12678	14550
BRSS005-EC-3	5195	346	5972	398	16.3	12	17.5	15779	18303
BRSS006-EC-3	6232	415	7222	481	19.1	12	17.5	18327	21215
BRSS007-EC-3	7270	485	8472	565	21.8	12	17.5	20889	24217
BRSS008-EC-3	8309	554	9652	643	24.6	12	17.5	23390	27118
BRSS009-EC-3	9348	623	10833	722	27.3	12	17.5	25995	30123
BRSS010-EC-3	10387	692	12152	810	30.2	12	17.5	28500	33028
BRSS011-EC-3	11425	762	13333	889	24.6	12	17.5	31262	36410
BRSS012-EC-3	12630	842	14610	974	35.7	12	17.5	34154	39701

AC PERFORMANCE SPECIFICATIONS

Model Complete Unit with Controls	APPLICATION #1 Nominal Heat Rejection Capacity*		APPLICATION #2 Nominal Heat Rejection Capacity*		Length (ft.)	Width (ft.)	Height (ft.)	Dry Weight (lb.)	Operating Weight (lb.)
	MBH	Tons	MBH	Tons					
BRSS002-AC-2	3435	229	4000	267	11.0	12	17.5	10060	11505
BRSS003-AC-2	5124	342	5972	398	15.3	12	17.5	14102	16226
BRSS004-AC-2	6855	457	8054	537	19.5	12	17.5	18045	21045
BRSS005-AC-2	8725	582	10138	676	21.3	12	17.5	21882	25502
BRSS006-AC-2	10387	692	12083	806	25.5	12	17.5	25724	29960
BRSS007-AC-2	12187	812	14165	944	29.8	12	17.5	29722	34798
BRSS008-AC-2	13850	923	16250	1083	36.6	12	17.5	34172	39863

Capacity is based on the following conditions:

1. *Each ton = 15 MBH*
2. *Fluid is 40% Propylene Glycol (similar capacities as 50% EG)*
3. *Ambient air conditions:*
   Application #1 – Dry Bulb = 78°F
   Application #2 – Dry Bulb = 95°F
4. *Sea level elevation*
5. *Application #1 – 120°F entering fluid temperature (EFT)*
   90°F leaving fluid temperature (LFT)
6. *Application #2 – 140°F entering fluid temperature (EFT)*
   110°F leaving fluid temperature (LFT)
7. *20 ft. head maximum fluid 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.

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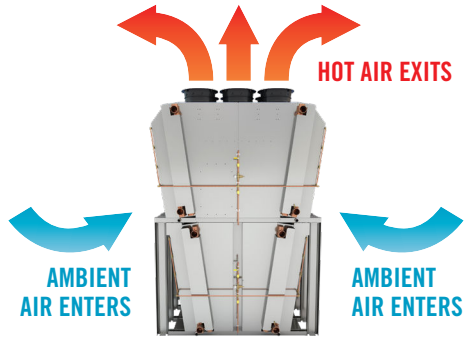
VIRGA™ Stratus™ & BOREAS® S-Series™ Performance Specifications

BIG COOLING, SMALL FOOTPRINT

When square footage is limited but you still need significant cooling, the smaller footprints of NIMBUS™ VIRGA Stratus and BOREAS S-Series coolers can accommodate limited-width environments or where width restrictions may apply. Units can also be located in more noise prohibitive locations thanks to a lower sound profile. VIRGA Stratus is also the first cooling unit at this size to offer adiabatic spray solutions with up to 8 stages of water distribution.

INDUSTRY-LEADING 2-YEAR WARRANTY*



Adiabatic mist cools ambient air as needed (VIRGA Stratus only)

BOREAS S-Series dry coolers may be field upgraded to VIRGA Stratus hybrid adiabatic coolers for increased capacity – some conditions apply

KEY ADVANTAGES

VIRGA STRATUS HYBRID ADIABATIC COOLING

- Adiabatic spray system boosts thermal performance vs an equal dry cooler
- Reduces water consumption compared to traditional fluid coolers
- Does not rely on a sump or basin — eliminating a primary breeding ground for Legionella bacteria and winter sump freezing
- Does not require chemical treatment programs — saving thousands of dollars annually compared to traditional fluid coolers
- Stainless steel frame and coil casing
- Corrosion-resistant copper tubing
- Marine-grade coating on coils and fins provides 26,000+ hours of salt spray resistivity and zero-growth antimicrobial resistivity
- Custom-built control panels

BOREAS S-SERIES DRY COOLING

- Ideal for cooling applications where water resources are limited or restricted
- EC or AC fan motors (with or without VFD) minimize energy consumption
- Stainless steel frame ensures years of operation compared to traditional dry coolers
- Custom-built control panels

**NIMBUS terms and conditions apply*

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