Refroidisseurs secs et condenseurs

Description

Our dream was to design and build our own proprietary outdoor condensers and dry coolers
to deliver the ultimate in quality, reliability and performance to our customers.

NG SERIES DRY COOLERS

Imagine

- Outdoor heat rejection technology engineered for maximum efficiency and reliability
- Dry coolers with the most advanced, ultra-quiet and energy-efficient fan designs
- Coated outdoor heat exchanger coils that use innovative technology to deliver the ultimate in corrosion resistance and maximum efficiency at lower pressure drops
- Modular V-bank dry coolers that provide a minimum fluid pressure drop even with large volumes of fluid
- The ideal heat rejection technology for fluid-cooled applications
- Direct-drive fans (EC motorized or VFD) provide improved efficiency, scalable performance and quieter operation

Hereâ??s how we did it.

SERESCO

Dry Coolers with Power to Spare

Outdoor Dry Coolers from Seresco are an ideal solution for your medium and large-scale fluid-cooled heat rejection needs. Our Dry Coolers use superior components and design to deliver a better heat rejection system available in capacities from 116 MBH to 2,300 MBH.

NG SERIES DRY COOLERS

Additional Insights

- Advantages
- Performance Tables
- Specifications
- Options

- Standard Features
- Downloads

Advantages

- EC motor fans controlled on 0â??10vdc signal for maximum cooling performance with minimum energy consumption.
  - Very low maintenance motor.
  - Capable of higher pressure drops.
  - Variable fan speed based on leaving fluid temperature control
- Fluid-cooled systems are inherently environmentally friendly because of their low refrigerant charge.
- V-bank fin-and-tube coils increase surface area for heat rejection while keeping compact footprint.
- Design minimizes air and fluid pressure drop.
- Each section is equipped with hose drain valves and air vents.
- Fully-coated coils (3,000 hr salt spray rating) repel dirt build up, making them very low-maintenance.

Performance Without Pump Kit

Model	Fan Qty	Capacity (3 ph)*	Fan FLA			Min Circuit Ampacity			Max Fuse Size, MOP			Noise Level (@ 30 ft)
		BTU/H	230V	460V	575V	230V	460V	575V	230V	460V	575V	DBA
NG-V-01	1	116,700	3.1	1.5	1.2	3.9	1.9	1.5	15	15	15	50 / 56
NG-V-01*	1	111,200	5.3	—	—	6.6	—	—	15	—	—	49 / 57
NG-V-02	1	160,200	8.3	4.5	3.6	10.4	5.6	4.5	17.5	15	15	54 / 60
NG-V-02**	1	134,800	9	—	—	11.2	—	—	20	—	—	44 / 51
NG-V-11	1	248,700	8.3	4.5	3.6	10.4	5.6	4.5	17.5	15	15	54 / 60
NG-V-11**	1	200,000	9	—	—	11.2	—	—	20	—	—	49 / 55
NG-V-12	2	388,800	8.3	4.5	3.6	18.7	10.1	8.1	40	20	17.5	57 / 63
NG-V-22	4	777,500	8.3	4.5	3.6	35.3	19.1	15.3	50	30	25	60 / 66
NG-V-32	6	1,166,300	8.3	4.5	3.6	51.9	28.1	22.5	70	40	30	62 / 67
NG-V-42	8	1,555,100	8.3	4.5	3.6	68.5	37.1	29.7	90	45	35	63 / 69
NG-V-52	10	1,943,800	8.3	4.5	3.6	85.1	46.1	36.9	100	50	45	64 / 69
NG-V-62	12	2,332,600	8.3	4.5	3.6	101.7	55.1	55.1	125	60	50	65 / 70

**Single phase model. **Single phase, fan motor w/ VFD. Lower sound level for 75% load. Rated conditions: 100Â°F air-on, 125Â°F entering fluid, 35% propylene glycol at unit max flow. E&OE â?? Subject to Change Without Notice.*

Performance With Pump Kit

Model w/Pump Kit	Pump Qty	Pump FLA			Min Circuit Ampacity			Max Fuse Size, MOP		
		230V	460V	575V	230V	460V	575V	230V	460V	575V
NG-V-01	1	4	1.8	1.4	7.9	3.7	2.9	15	15	15
NG-V-01*	1	4.3	—	—	10.9	—	—	20	—	—
NG-V-02	1	4	1.8	1.4	14.4	7.4	5.9	25	15	15
NG-V-02*	1	4.3	—	—	15.5	—	—	25	—	—
NG-V-11	1	4	1.8	1.4	14.4	7.4	5.9	25	15	15
NG-V-11*	1	4.3	—	—	15.5	—	—	25	—	—
NG-V-12	1	4	1.8	1.4	22.7	11.9	9.5	45	20	17.5
NG-V-22	2	4	1.8	1.4	39.3	20.9	16.7	60	30	25
NG-V-32	3	4	1.8	1.4	55.9	29.9	23.9	70	40	30
NG-V-42	4	4	1.8	1.4	72.5	38.9	31.1	90	50	40
NG-V-52	5	4	1.8	1.4	89.1	47.9	38.3	110	60	45
NG-V-62	6	4	1.8	1.4	105.7	56.9	45.5	125	60	50

**Single phase model. Units with pump kit have same capacities, flow rate, fan FLA and noise levels*

Dry Cooler Basic

- NG-V-11
- NG-V-12
- NG-V-22
- NG-V-31
- NG-V-32
- NG-V-42
- NG-V-52
- NG-V-62

Dry Cooler With Pump Kit

- NG-V-01 (1-phase) CW Pump Kit
- NG-V-01 (3-phase) CW Pump Kit
- NG-V-11 CW Pump Kit
- NG-V-12 CW Pump Kit
- NG-V-22 CW Pump Kit

- NG-V-31 CW Pump Kit
- NG-V-32 CW Pump Kit
- NG-V-42 CW Pump Kit
- NG-V-52 CW Pump Kit
- NG-V-62 CW Pump Kit

- Packaged pump kits
- Unit mounted disconnects
- Available voltages are 208-240, 480, 600 VAC, three phase (also available in single phase)

- Coils are fully dipped in a coating that not only gives the best possible corrosion protection, but also repels dirt build up.
- Two-speed fans allow the fans to operate at lowest possible power consumption mode, ramping up to full speed only when needed.
- Fan blades are the latest ultra-quiet design from the world leaders in heat exchanger fans for quiet and efficient air movement.
- The Â« V Â» configuration allows larger coils and higher airflows in the smallest possible footprint.
- Lightweight and compact for easy handling and flexible installation.
- Twin 4-row coils with the latest tube and fin technology provide maximum fluid heat rejection and durability.
- Very low internal fluid pressure drops further help reduce pump operating costs.
- PVC ANSI raised flanges make fluid connections easy.

Seresco
WebSentry

Seresco
NC Series
NG Series

Seresco Dehumidifiers Pool Line