

# Dry Coolers & Outdoor Condensers



PoolPak's outdoor condensers and dry coolers deliver the ultimate in quality, reliability and performance, with the most advanced, ultra-quiet and energy efficient fan designs. By building to meet our market's exact cooling needs while reducing unit size, we've been able to increase heat rejection performance while also reducing the amount of energy consumed.

## NC Series

### OUTDOOR CONDENSER ADVANTAGES

#### COILS

- ▶ Coated coils for the ultimate in corrosion protection
- ▶ Designed for higher ambient conditions (100°F) without increasing condensing temperatures
- ▶ Maximum efficiency at lower air pressure drops and lower refrigerant charges
- ▶ Easy to clean

#### ULTRA QUIET FAN & CONTROL TECHNOLOGY

- ▶ Uses the most advanced EC motorized fans delivers the highest electrical efficiency possible
- ▶ Quiet fan blade design
- ▶ PoolPak's control logic can:
  - Take advantage of cooler weather or when the unit is in pool heating mode to provide the lowest possible operating sound level and power consumption
  - Lower operating sound levels at night
  - Deliver superior head pressure control for stable compressor and unit operation

#### CABINETS AND CONFIGURATIONS

- ▶ Compact, light-weight condensers can be packaged, split or even wall-mounted for ultimate convenience while eliminating the need for expensive roof or ground pad installations



Available vertical or wall mounted

- ▶ Non-fused disconnect is standard
- ▶ Modular design allows for one section to run even if another is off
- ▶ Fully painted cabinets and fan guards, bases are heavy gauge G90 galvanized steel

#### OPTIONS

- ▶ Convenient wall mount option (Ideal for parking garages or places with restricted floor spaces) eliminates expensive roof or pad installations
- ▶ Available voltages are 208-240, 480, 600 VAC, single or three phase



### REMOTE MONITORING & CONTROL

When paired with PoolPak's dehumidifiers including WebSentry® Monitoring service, PoolPak's outdoor condensers and dry coolers can be monitored and controlled remotely 24/7 – in real time. WebSentry® systems even record and securely store performance on our central servers for historical analysis.

WebSentry can email your designated service personnel, if maintenance is required or trouble alerts occur. Should your service technicians require assistance, PoolPak's factory service experts are ready to help.

# NG Series

## DRY COOLER ADVANTAGES

### COILS

- ▶ Twin 4 row coils with ½" turbo-spiral enhanced copper tubes and 0.075" sine wave fins provide maximum fluid heat rejection and durability
- ▶ NG-Z-11 uses coated, micro-channel coils for maximum efficiency and corrosion protection
- ▶ Hose drain valves and air vents included
- ▶ Outside coils are protected against damage from accidental impacts and hail storms

### ULTRA QUIET FAN AND CONTROL TECHNOLOGY

- ▶ Two-speed fans offer exceptional efficiency
- ▶ Quiet fan blade design
- ▶ Software automatically adapts fan speed to compensate for dirt loading on coils
- ▶ PoolPak's control logic can:
  - Take advantage of cooler weather or when the unit is in pool heating mode to provide the lowest possible operating sound level and power consumption
  - Lower operating sound levels at night
  - Deliver superior head pressure control for stable compressor and unit operation

### CABINETS & CONFIGURATIONS

- ▶ The "V" configuration provides larger coils and higher airflows with the smallest footprint and weight
- ▶ Modular V configurations meet the fluid cooling capacity with a minimum of fluid pressure drop even for very large volumes of fluid
- ▶ Designed to be packaged with our outdoor cabinets in a compact configuration
- ▶ PVC ANSI raised flanges make fluid connections easy



Available with packaged pump kit complete with expansion tank for split systems

### OPTIONS

- ▶ Packaged pump kits for NG-V-11 and NG-V-12
- ▶ Unit mounted disconnects
- ▶ Coated coils for maximum corrosion protection
- ▶ Available voltages are 208-240, 480, 600 VAC, three phase (also available in single phase)

## WESENTRY® PREMIUM EXTENDED WARRANTY

If your PoolPak outdoor condenser or dry cooler is connected to a PoolPak dehumidifier with free WebSentry® remote monitoring system on startup, they are automatically covered by an extended 1-year labor warranty, on top of its 2-year parts warranty. Conditions apply, see Warranty Statement for details.



## NC SERIES PERFORMANCE DATA

MODEL	ΔCAPACITY (BTU/HR)	MIN. CIRCUIT AMPACITY (MCA)			MAX. FUSE (MOP)			*NOISE LEVEL @ 10FT. (DBA)	DIMENSIONS (IN)		
		230 V	460 V	575 V	230 V	460 V	575 V		WIDTH	HEIGHT	LENGTH
NC-B-1H	75,100	5	2	2	15	15	15	40-50	27	34	37
NC-B-1V	75,100	5	2	2	15	15	15	40-50	34	31	37
NC-Z-1H	135,200	5	2	2	15	15	15	40-60	29	38	40
NC-Z-1V	135,200	5	2	2	15	15	15	40-60	38	33	36
NC-B-2H	150,200	9	5	4	15	15	15	43-53	27	34	65
NC-B-2V	150,000	9	5	4	15	15	15	43-53	34	31	66
NC-Z-2H	270,300	9	5	4	15	15	15	43-63	29	38	76
NC-Z-2V	270,300	9	5	4	15	15	15	43-63	38	33	72
NC-Z-4V	540,600	15	7.5	6	20	15	15	46-66	38	33	144

Δ95°F ambient air on temperature, 120°F condensing temperature. Data not to be used for product selection.

\*Over range of variable speed fan. Values are for free field installation. Noise levels may vary due to installation factor.

## NG SERIES PERFORMANCE DATA

MODEL	ΔCAPACITY (BTU/HR)	MIN. CIRCUIT AMPACITY (MCA)			MAX. FUSE (MOP)			*NOISE LEVEL @ 10FT. (DBA)	DIMENSIONS (IN)			MAX. FLUID FLOW 30% PROP. GLYCOL
		230 V	460 V	575 V	230 V	460 V	575 V		WIDTH	HEIGHT	LENGTH	(GPM)
NG-Z-11	71,500	5	2	2	15	15	15	32 / 52	38	33	36	25
NG-V-11	180,000	12	5	4	20	15	15	61 / 69	54	61	52	50
NG-V-12	360,000	24	11	8	40	15	15	64 / 72	102	61	52	80
NG-V-21	360,000	24	11	8	40	15	15	64 / 72	52	61	102	100
NG-V-22	675,000	49	21	16	80	35	25	67 / 75	96	73	100	160
NG-V-31	517,500	36	16	12	60	25	20	65 / 73	52	61	150	150
NG-V-32	1,050,000	73	32	24	125	50	40	68 / 76	96	73	148	240
NG-V-42	1,500,000	97	42	32	150	70	50	69 / 77	96	73	196	320
NG-V-52	1,875,000	121	53	40	200	90	70	70 / 78	96	73	244	400

### NGS C/W PUMP KIT

NG-V-11	180,000	14	6	5	25	15	15	61 / 69	60	61	52	50
NG-V-12	360,000	27	13	10	45	20	15	64 / 72	102	61	52	80

Δ95°F ambient air on temperature, 118°F entering fluid temperature. Data not to be used for product selection.

\* First value with fan running at low speed, second value at high speed. Values are for free field installation. Noise levels may vary due to installation factor.



PoolPak is a Dehumidified Air Solutions company and member of Dehumidified Air Services, a coast-to-coast service network of local customer support specialists. Backed by the real-time remote monitoring of WebSentry® technology and direct access to the engineers who designed and built your dehumidifier, Dehumidified Air Services is the only organization in North America that has the scale and expertise to deliver trouble-free pool dehumidification and unparalleled customer service.

