

A swimmer in a blue cap and goggles is swimming underwater in a pool, with their arms extended forward. The water is clear blue, and there are lane lines visible in the background.

Outdoor Dry Coolers from PoolPak are an ideal solution for your medium and large-scale fluid-cooled heat rejection needs.

DRY COOLERS

EFFICIENT, RELIABLE HEAT REJECTION TECHNOLOGY

ADVANTAGES

- EC motor fans controlled on 0–10 VDC 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.
- Fully-coated coils (3,000-hour salt spray rating) repel dirt buildup, making them very low maintenance.
- 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.



PoolPak[®]
DEHUMIDIFICATION THAT WORKS

OPTIONS

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.

- Packaged pump kits — one for each V-bank.
- Unit-mounted disconnects.
- Available voltages are 208–230, 460, 575 VAC, three-phase (small units also available in single phase).

APPLICATIONS

- Facilities where full cooling is needed during low-ambient conditions, e.g. data centers.
- Fluid-side economizer on chillers.
- Supplementary A/C heat rejection on ground-source heat pumps and geothermal wells.
- Any medium to large-scale A/C application.

PERFORMANCE WITHOUT PUMP KIT

MODEL	FAN QTY	CAPACITY (3 PH)*	FAN FLA			MIN CIRCUIT AMPACITY			MAX FUSE SIZE, MOP			NOISE LEVEL (@ 30 FT)	DIMENSIONS				MAX FLOW RATE
			BTU/H	230V	460V	575V	230V	460V	575V	230V	460V	575V	WIDTH	HEIGHT	LENGTH	WEIGHT	GPM
NG-V-01	1	116,700	3.1	1.5	1.2	3.9	1.9	1.5	15	15	15	50/56	53	54	46	350	30
NG-V-01*	1	111,200	5.3	—	—	6.6	—	—	15	—	—	49/57	53	54	46	350	25
NG-V-02	1	160,200	8.3	4.5	3.6	10.4	5.6	4.5	17.5	15	15	54/60	53	58	46	450	30
NG-V-11	1	248,700	8.3	4.5	3.6	10.4	5.6	4.5	17.5	15	15	54/60	54	67	52	500	50
NG-V-12	2	388,800	8.3	4.5	3.6	18.7	10.1	8.1	40	20	17.5	57/63	102	67	52	1200	65
NG-V-22	4	777,500	8.3	4.5	3.6	35.3	19.1	15.3	50	30	25	60/66	96	79	100	2400	130
NG-V-32	6	1,166,300	8.3	4.5	3.6	51.9	28.1	22.5	70	40	30	62/67	96	79	148	3600	195
NG-V-42	8	1,555,100	8.3	4.5	3.6	68.5	37.1	29.7	90	45	35	63/69	96	79	196	4800	260
NG-V-52	10	1,943,800	8.3	4.5	3.6	85.1	46.1	36.9	100	50	45	64/69	96	79	244	6000	325
NG-V-62	12	2,332,600	8.3	4.5	3.6	101.7	55.1	55.1	125	60	50	65/70	96	79	292	7200	390

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

PERFORMANCE WITH PUMP KIT

MODEL W/PUMP KIT	PUMP QTY	PUMP FLA			MIN CIRCUIT AMPACITY			MAX FUSE SIZE, MOP			DIMENSIONS (W/PUMP)			
		230V	460V	575V	230V	460V	575V	230V	460V	575V	WIDTH	HEIGHT	LENGTH	WEIGHT
NG-V-01	1	4	1.8	1.4	7.9	3.7	2.9	15	15	15	53	54	46	350
NG-V-01*	1	4.3	—	—	10.9	—	—	20	—	—	53	54	46	350
NG-V-02	1	4	1.8	1.4	14.4	7.4	5.9	25	15	15	53	58	46	450
NG-V-02*	1	4.3	—	—	15.5	—	—	25	—	—	53	58	46	450
NG-V-11	1	4	1.8	1.4	14.4	7.4	5.9	25	15	15	60	67	52	650
NG-V-11*	1	4.3	—	—	15.5	—	—	25	—	—	60	67	52	650
NG-V-12	1	4	1.8	1.4	22.7	11.9	9.5	45	20	17.5	102	67	52	1300
NG-V-22	2	4	1.8	1.4	39.3	20.9	16.7	60	30	25	98	79	100	2600
NG-V-32	3	4	1.8	1.4	55.9	29.9	23.9	70	40	30	98	79	148	3900
NG-V-42	4	4	1.8	1.4	72.5	38.9	31.1	90	50	40	98	79	196	5200
NG-V-52	5	4	1.8	1.4	89.1	47.9	38.3	110	60	45	98	79	244	6500
NG-V-62	6	4	1.8	1.4	105.7	56.9	45.5	125	60	50	98	79	292	7800

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



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