nPKL 표준 사양

ITEM \ Model				nPKL-1701-30	nPKL-1702-58	nPKL-1703-79	nPKL-2002-98	nPKL-2003-118
용량(Capacity)	표준냉각톤(Cooling Capability)		CRT	30	58	79	98	118
	냉각열량 (Heat Load)		kcal/h	117000	226200	308100	382200	460200
			kW	136	263	358	444	535
	순환수량(Circulating Water Flow)		㎥/h	23.4	45.2	61.6	76.4	92
	입구수온(Hot water Temperature)		℃	37			37	
	출구수온(Cold Water Temperature)		℃	32			32	
	입구공기습구온도(Entering Wet Bulb Temperature)		℃	27			27	
전체치수(Overall Dimension)	길이(Length (L))		mm	1750			2050	
	폭(Width (W))		mm	3870			4070	
	총높이(Overall Height (H))		mm	2835			3445	
구조물재질(Materials)	케이싱 (Casing / Partition)			F.R.P				
	구조재(Frame Members)			H.D.G STEEL				
	충진재(Fill)			P.V.C				
	상부수조(Hot Water Basin)			F.R.P				
	하부수조(Cold Water Basin)			F.R.P				
	루버/비산방지판(Louver / Eliminator)			P.V.C				
	팬날개/허브(Fan Blade / Hub)			ALUMINUM or F.R.P / H.D.G STEEL or AL. ALLOY				
	팬실린더(Fan Cylinder)			F.R.P				
팬 구동부(Fan Assembly)	팬(Fan)	형식(Type)		AXIAL-FLOW			AXIAL-FLOW	
		직경(Diameter)	Φ mm	1500			1700	
		구동방식(Drive System)		V-BELT DRIVE			V-BELT DRIVE	
		풍량(Air Volume)	㎥/min	326	552	758	942	1134
	전동기(Motor)	형식(Type)		TEFC CL F IP55			TEFC CL F IP55	
		전원(Power Source)		3PH / 60HZ / 380V(440V)			3PH / 60HZ / 380V(440V)	
		정격출력(Rated Output)	kw	1.5 x 1	2.2 x 1	3.7 x 1	2.2 x 1	3.7 x 1
	수량(Quantity)			1			1	
수분배 방식(Distribution System)				OPEN GRAVITY TYPE			OPEN GRAVITY TYPE	
배관연결구(Piping Diameter)	냉각수입구경(Hot Water Inlet)			50A x 2	80A x 2			100A x 2
	냉각수출구경(Cold Water Outlet)			80A	100A		125A	
	배수구(Drain)			50A			50A	
	오버플로(Overflow)			50A			50A	
	자동보충수구(Make-up, Auto)			20A			20A	
	수동보충수구(Make-up Manual)			20A			20A	
	플랜지규격(Flange Rating)			KS 10K FF			KS 10K FF	
보충수량 (Make up)	증발손실량(Evaporation Loss)		%	0.83			0.83	
	비산손실량(Drift Loss)		%	LESS THAN 0.002			LESS THAN 0.002	
중량 (Weight)	제품중량(Dead Weight)		kg	1060	1070	1080	1370	1380
	운전중량(Operating Weight)		kg	2410	2420	2430	3010	3020

nPKL 표준 사양

ITEM			Model	nPKL-2502-127	nPKL-2503-153	nPKL-2505-178	nPKL-2507-198	nPKL-2511-227	nPKL-2515-259
용량(Capacity)	표준냉각톤(Cooling Capability)		CRT	127	153	178	198	227	259
	냉각열량 (Heat Load)		kcal/h	495300	596700	694200	772200	885300	1010100
			kW	576	694	807	898	1029	1175
	순환수량(Circulating Water Flow)		㎥/h	99.1	119.3	138.8	154.4	177.1	202
	입구수온(Hot water Temperature)		℃	37					
	출구수온(Cold Water Temperature)		℃	32					
	입구공기습구온도(Entering Wet Bulb Temperature)		℃	27					
전체치수(Overall Dimension)	길이(Length (L))		mm	2400					
	폭(Width (W))		mm	4870					
	총높이(Overall Height (H))		mm	3475					
구조물재질(Materials)	케이싱 (Casing / Partition)			F.R.P					
	구조재(Frame Members)			H.D.G STEEL					
	충진재(Fill)			P.V.C					
	상부수조(Hot Water Basin)			F.R.P					
	하부수조(Cold Water Basin)			F.R.P					
	루버/비산방지판(Louver / Eliminator)			P.V.C (INTEGRAL TYPE W/ FILL)					
	팬날개/허브(Fan Blade / Hub)			ALUMINUM or F.R.P / H.D.G STEEL or AL. ALLOY					
	팬실린더(Fan Cylinder)			F.R.P					
팬 구동부(Fan Assembly)	팬(Fan)	형식(Type)		AXIAL-FLOW					
		직경(Diameter)	Φ mm	2000					
		구동방식(Drive System)		V-BELT DRIVE					
		풍량(Air Volume)	㎥/min	1140	1326	1542	1722	1968	2208
	전동기(Motor)	형식(Type)		TEFC CL F IP55					
		전원(Power Source)		3PH / 60HZ / 380V(440V)					
		정격출력(Rated Output)	kw	2.2 x 1	3.7 x 1	5.5 x 1	7.5 x 1	11 x 1	15 x 1
	수량(Quantity)			1					
수분배 방식(Distribution System)				OPEN GRAVITY TYPE					
배관연결구(Piping Diameter)	냉각수입구경(Hot Water Inlet)			100A x 2			125 A x 2		
	냉각수출구경(Cold Water Outlet)			150A				200A	
	배수구(Drain)			80A					
	오버플로(Overflow)			80A					
	자동보충수구(Make-up, Auto)			32A					
	수동보충수구(Make-up Manual)			32A					
	플랜지규격(Flange Rating)			KS 10K FF					
보충수량 (Make up)	증발손실량(Evaporation Loss)		%	0.83					
	비산손실량(Drift Loss)		%	LESS THAN 0.002					
중량 (Weight)	제품중량(Dead Weight)		kg	1695	1705	1715	1735	1775	1785
	운전중량(Operating Weight)		kg	4238	4263	4288	4338	4438	4463

nPKL 표준 사양

ITEM				Model	nPKL-2907-256	nPKL-2911-292	nPKL-2915-322	nPKL-2919-351	nPKL-2922-373
용량(Capacity)	표준냉각톤(Cooling Capability)			CRT	256	292	322	351	373
	냉각열량 (Heat Load)			kcal/h	998400	1138800	1255800	1368900	1454700
				kW	1161	1324	1460	1592	1692
	순환수량(Circulating Water Flow)			㎥/h	199.7	227.8	251.2	273.8	290.9
	입구수온(Hot water Temperature)			℃	37				
	출구수온(Cold Water Temperature)			℃	32				
	입구공기습구온도(Entering Wet Bulb Temperature)			℃	27				
전체치수(Overall Dimension)	길이(Length (L))			mm	2800				
	폭(Width (W))			mm	5270				
	총높이(Overall Height (H))			mm	3885				
구조물재질(Materials)	케이싱 (Casing / Partition)				F.R.P				
	구조재(Frame Members)				H.D.G STEEL				
	충진재(Fill)				P.V.C				
	상부수조(Hot Water Basin)				F.R.P				
	하부수조(Cold Water Basin)				F.R.P				
	루버/비산방지판(Louver / Eliminator)				P.V.C (INTEGRAL TYPE W/ FILL)				
	팬날개/허브(Fan Blade / Hub)				ALUMINUM or F.R.P / H.D.G STEEL or AL. ALLOY				
	팬실린더(Fan Cylinder)				F.R.P				
팬 구동부(Fan Assembly)	팬(Fan)	형식(Type)			AXIAL FLOW				
		직경(Diameter)		Φ mm	2400				
		구동방식(Drive System)			V - BELT DRIVE				
		풍량(Air Volume)		㎥/min	2112	2412	2664	2892	2958
	전동기(Motor)	형식(Type)			TEFC CL F IP55				
		전원(Power Source)			3PH / 60HZ / 380V(440V)				
		정격출력(Rated Output)		kw	7.5 x 1	11 x 1	15 x 1	19 x 1	22 x 1
	수량(Quantity)				1				
수분배 방식(Distribution System)					OPEN GRAVITY TYPE				
배관연결구(Piping Diameter)	냉각수입구경(Hot Water Inlet)				125A x 2		150A x 2		
	냉각수출구경(Cold Water Outlet)				200A				
	배수구(Drain)				80A				
	오버플로(Overflow)				80A				
	자동보충수구(Make-up, Auto)				50A				
	수동보충수구(Make-up Manual)				50A				
	플랜지규격(Flange Rating)				KS 10K FF				
보충수량 (Make up)	증발손실량(Evaporation Loss)			%	0.83				
	비산손실량(Drift Loss)			%	LESS THAN 0.002				
중량 (Weight)	제품중량(Dead Weight)			kg	2750	2790	2800	2830	2900
	운전중량(Operating Weight)			kg	6875	6975	7000	7075	7250

nPKL 표준 사양

ITEM \ Model				nPKL-3011-324	nPKL-3015-360	nPKL-3019-388	nPKL-3022-408	nPKL-3030-437
용량(Capacity)	표준냉각톤(Cooling Capability)		CRT	324	360	388	408	437
	냉각열량 (Heat Load)		kcal/h	1263600	1404000	1513200	1591200	1704300
			kW	1469	1633	1760	1850	1982
	순환수량(Circulating Water Flow)		㎥/h	252.7	280.8	302.6	318.2	340.9
	입구수온(Hot water Temperature)		℃	37				
	출구수온(Cold Water Temperature)		℃	32				
	입구공기습구온도(Entering Wet Bulb Temperature)		℃	27				
전체치수(Overall Dimension)	길이(Length (L))		mm	3000				
	폭(Width (W))		mm	5870				
	총높이(Overall Height (H))		mm	3885				
구조물재질(Materials)	케이싱 (Casing / Partition)			F.R.P				
	구조재(Frame Members)			H.D.G STEEL				
	충진재(Fill)			P.V.C				
	상부수조(Hot Water Basin)			F.R.P				
	하부수조(Cold Water Basin)			F.R.P				
	루버/비산방지판(Louver / Eliminator)			P.V.C (INTEGRAL TYPE W/ FILL)				
	팬날개/허브(Fan Blade / Hub)			ALUMINUM or F.R.P / H.D.G STEEL or AL. ALLOY				
	팬실린더(Fan Cylinder)			F.R.P				
팬 구동부(Fan Assembly)	팬(Fan)	형식(Type)		AXIAL FLOW				
		직경(Diameter)	Φ mm	2600				
		구동방식(Drive System)		V - BELT DRIVE				
		풍량(Air Volume)	㎥/min	2532	2808	3030	3180	3396
	전동기(Motor)	형식(Type)		TEFC CL F IP55				
		전원(Power Source)		3PH / 60HZ / 380V(440V)				
		정격출력(Rated Output)	kw	11 x 1	15 x 1	19 x 1	22 x 1	30 x 1
	수량(Quantity)			1				
수분배 방식(Distribution System)				OPEN GRAVITY TYPE				
배관연결구(Piping Diameter)	냉각수입구경(Hot Water Inlet)			150A x 2				200A x 2
	냉각수출구경(Cold Water Outlet)			200A				250A
	배수구(Drain)			100A				
	오버플로(Overflow)			100A				
	자동보충수구(Make-up, Auto)			50A				
	수동보충수구(Make-up Manual)			50A				
	플랜지규격(Flange Rating)			KS 10K FF				
보충수량 (Make up)	증발손실량(Evaporation Loss)		%	0.83				
	비산손실량(Drift Loss)		%	LESS THAN 0.002				
중량 (Weight)	제품중량(Dead Weight)		kg	3020	3060	3100	3130	3210
	운전중량(Operating Weight)		kg	7550	7650	7750	7825	8025

nPKL 표준 사양

ITEM				Model	nPKL-3615-413	nPKL-3619-462	nPKL-3622-479	nPKL-3630-530
용량(Capacity)	표준냉각톤(Cooling Capability)			CRT	413	462	479	530
	냉각열량 (Heat Load)			kcal/h	1610700	1801800	1868100	2067000
				kW	1873	2095	2172	2403
	순환수량(Circulating Water Flow)			㎥/h	322.1	360.4	373.6	413.4
	입구수온(Hot water Temperature)			℃	37			
	출구수온(Cold Water Temperature)			℃	32			
	입구공기습구온도(Entering Wet Bulb Temperature)			℃	27			
전체치수(Overall Dimension)	길이(Length (L))			mm	3600			
	폭(Width (W))			mm	6470			
	총높이(Overall Height (H))			mm	3810			
구조물재질(Materials)	케이싱 (Casing / Partition)				F.R.P			
	구조재(Frame Members)				H.D.G STEEL			
	충진재(Fill)				P.V.C			
	상부수조(Hot Water Basin)				F.R.P			
	하부수조(Cold Water Basin)				F.R.P			
	루버/비산방지판(Louver / Eliminator)				P.V.C (INTEGRAL TYPE W/ FILL)			
	팬날개/허브(Fan Blade / Hub)				ALUMINUM or F.R.P / H.D.G STEEL or AL. ALLOY			
	팬실린더(Fan Cylinder)				F.R.P			
팬 구동부(Fan Assembly)	팬(Fan)	형식(Type)			AXIAL FLOW			
		직경(Diameter)		Φ mm	3200			
		구동방식(Drive System)			V - BELT DRIVE			
		풍량(Air Volume)		㎥/min	3186	3522	3708	4116
	전동기(Motor)	형식(Type)			TEAO CL F IP55			
		전원(Power Source)			3PH / 60HZ / 380V(440V)			
		정격출력(Rated Output)		kw	15 x 1	19 x 1	22 x 1	30 x 1
	수량(Quantity)				37			
수분배 방식(Distribution System)					OPEN GRAVITY TYPE			
배관연결구(Piping Diameter)	냉각수입구경(Hot Water Inlet)				150A x 2	200A x 2		
	냉각수출구경(Cold Water Outlet)				250A			
	배수구(Drain)				100A			
	오버플로(Overflow)				100A			
	자동보충수구(Make-up, Auto)				50A			
	수동보충수구(Make-up Manual)				50A			
	플랜지규격(Flange Rating)				KS 10K FF			
보충수량 (Make up)	증발손실량(Evaporation Loss)			%	0.83			
	비산손실량(Drift Loss)			%	LESS THAN 0.002			
중량 (Weight)	제품중량(Dead Weight)			kg	4205	4245	4275	4355
	운전중량(Operating Weight)			kg	10513	10613	10688	10888