Best Heat Transfer

REIKEN

Dyna EcoWater Systems

DYNACOOL®
DYNATHERM&Z®

LEAVE ANYTHING TO REIKEN, WATER EXPERTISE !

KCWⅢ SERIES

Chiller/Cold temperature controller Ver.3

The industry's first

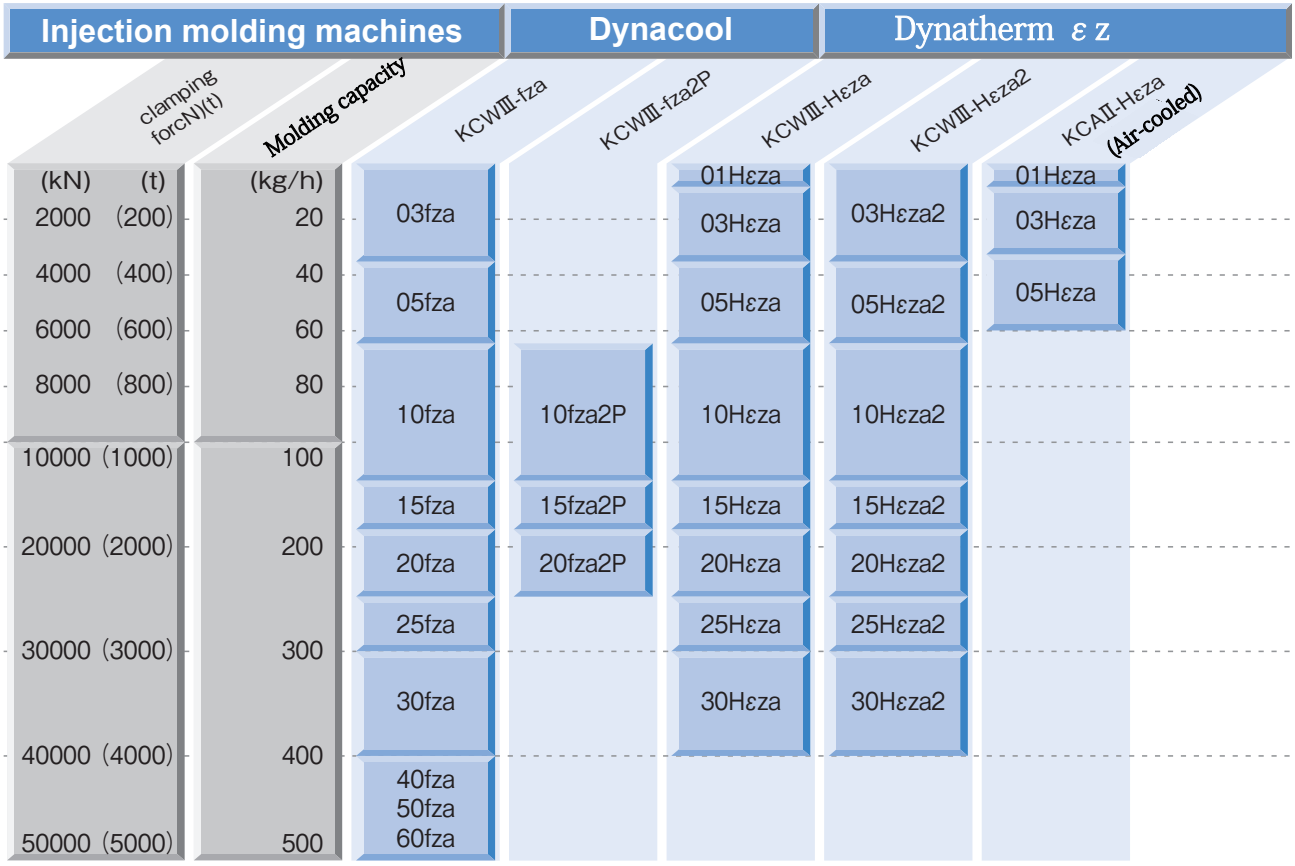
Circulating water rust suppression device

Dynaclean N Deo is standard equipment

Leave it to a water specialist

Chiller selection guide

Equipment selection table



Medium temperature		5 7	10 20 30	40 95
Medium temperature and Chiller model	KCWⅢ-fza(2P)		03～60	
	KCWⅢ-Hεza(2)		01～30	
	KCAⅡ-Hεza		01～05	

Chiller selection

(1) Chiller capacity is selected in accordance with molding capacity.
(2) Chiller model is selected by medium temperature for the mold.

Cooling water reference table

Chiller(HP)	Required cooling water volume (ℓ/min) (50/60Hz)	Cooling capacity(t) (50/60Hz)	Cooling tower Cooling capacity(t) (50/60Hz)
1	18/21	2/2	2/2
3	50/57	4/5	5/5
5	76/88	6/7	8/8
10	139/157	11/12	15/15
15	215/245	17/19	20/20
20	278/314	22/25	30/30
25	354/402	28/31	30/40
30	417/471	32/37	40/40
40	556/628	43/49	50/50
50	695/785	54/61	60/80
60	834/942	65/73	80/80

- Required cooling water volume at maximum loading. (at 30℃ cooling
- water inlet temperature, at 35℃ cooling water outlet temperature)
- In case several units of Chiller are used, Cooling tower capacity has to
- be sized by adding each chiller's capacity in total.

Pressure conversion table

MPa	kgf/cm²	PSI
1	10.197	145
9.8×10^{-2}	1	14.22
6.9×10^{-3}	0.070	1

Heat volume conversion table

kW	kcal/h	BTU/h	kJ/h
1	860	3413	3.6×10^{3}
1.163×10^{-3}	1	3.968	4.186
2.93×10^{-4}	0.252	1	1.055
2.778×10^{-4}	0.239	0.948	1

Volume conversion table

m³	ℓ	ガロン
1	1000	264
0.001	1	0.264
0.003785	3.785	1

As to exact model selection, please refer to us at any time as actual molding conditions are subject to change depending on individual molding conditions such as kinds of materials, hot-runner volume etc.

Newest small-size·mid-size standard chiller to meet individual needs of customers.

Dynacool is the most efficient unit to achieve high-cycle molding & consistent molding, as Dynacool can supply mediums under accurate temperature to every corners of the mold.
Z series uses Environmental protection proof Refrigerant R407C (ODP 0)

<Indoor type>

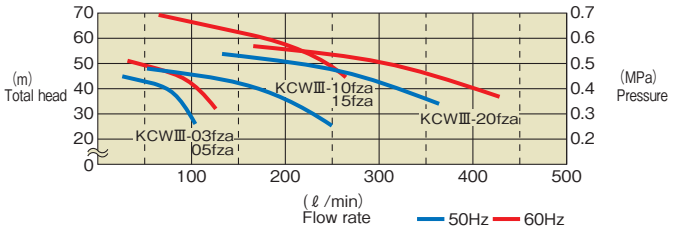
Model ※1			KCWⅢ-03fza	KCWⅢ-05fza	KCWⅢ-10fza	KCWⅢ-15fza	KCWⅢ-20fza
Medium temperature range			7℃～30℃				
Medium			Water				
Chilling capacity(kW) 50/60Hz	10℃		9.7/11.9	15.9/19.2	29.3/33.6	45.2/52.8	58.6/67.2
	15℃		11.0/13.0	17.7/20.9	32.5/37.3	50.2/58.2	65.0/74.6
Tank capacity		(ℓ)	60	75	140	250	300
Compressor out put		(kW)	3	3.75	7.44	7.44+3.75	7.44×2
Refrigerant			R407C				
Internal circ. pump 50/60Hz Output		(kW)	–				
Medium circ. pump 50/60Hz	Output	(kW)	1.27/2.2		2.3/4		4.0/5.5
			High-efficiency motor				
	Max. flow rate	(ℓ/min)	105/126		250/265		367/433
	Max. output pressure	(MPa)	0.45/0.51		0.48/0.69		0.54/0.57
Pipe connection size	Medium process Medium return		10A×2 directions	10A×4 directions	40A(Socket) 1 1/2B(Socket)	50A(Socket) 2B(Socket)	
	Cooling water inlet		20A(Socket) 3/4B(Socket)	25A(Socket) 1B(Socket)	40A(Socket) 1 1/2B(Socket)	50A (Socket) 2B(Socket)	
	Cooling water outlet		20A(Socket) 3/4B(Socket)	25A(Socket) 1B(Socket)	40A(Grobe valve) 1 1/2B(Grobe valve)	50A(Grobe valve) 2B(Grobe valve)	
	Water supply		15A(Socket) 1/2B(Socket)				
	Drain		20A(Ball valve) 3/4B(Ball valve)			25A(Ball valve)) 1B(Ball valve)	
	Over flow		25A (Ball valve)) 1B(Socket)				
	Drain for drain pan		15A (Socket) 1/2B(Socket)		25A (Socket) 1B(Socket)		
	Inlet of compresson air		Same as on the right when N Deo (option) is installed		ϕ6 Tube fitting		
Utility	Cooling water volume (ℓ/min) ※2		32/39	52/62	97/111	149/173	194/222
	Supplying pressure of compression air	(Mpa)	Same as on the right when N Deo (option) is installed		0.4～0.8		
	Supplying volume of compression air	(Nℓ/min)	Same as on the right when N Deo (option) is installed		6以上		
	Weight	(kg)	165	200	460	760	1100
	Electricity	(kVA)	6.4	8.4	14.6	19.8	25.6
	Breaker	(AT)	30		60	75	100
	Power source		AC200V 50/60Hz·AC220V 60Hz 3ϕ 3W				
Paint color			Nittoko S4-389				
Alarm			Medium short, Overload(compressor, pump), Chiller high pressure alarm, Chiller low pressure alarm, Freezing alarm, Chiller over-heat,Temp.high alarm, Temp.low alarm, Sensor error, Reverse phase				
Options			※3		※4		
Dynakleen·N Deo			OPTION		Equipped as standard		
Dimensions		(W×D×Hmm)	503×657×1230	553×657×1330	1020×800×1620	1300×1000×1670	1500×1100×1970

※1 fza-2p type is also available, which includes chilled water pump to KCWⅢ-10fza～20fza.
※2 Cooling water volume is figured at 7℃ of chilling water, 30℃ of inlet cooling water and 35℃ outlet cooling water.

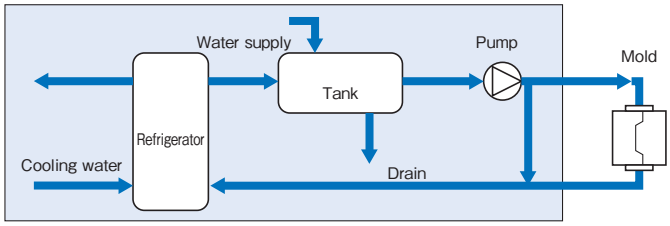
1kW=860kcal/h
1MPa=10.197kg/cm²

※3 Hose, Signal light, Nominated-color, Different voltage (excepting for KCWⅢ-03fza)
※4 Branch pipe, Hose, Signal light, Power cable, Nominated-color, Cooling water adjust valve, Different voltage

Performance curve of medium flow rate. (KCWⅢ-03fza~KCWⅢ-20fza)



Flow-chart (KCWⅢ-03fza~20fza)



A larger capacity standard chiller to control a number of Injection molding machines together.

This concept is the Centralized chilling water control system to feed cooling water either to all machines in the factory or to each group of machines.
Z series uses Environmental protection proof Refrigerant R407C (OPP0).

<Indoor type>

Model			KCWⅢ-25fza	KCWⅢ-30fza	KCWⅢ-40fza	KCWⅢ-50fza	KCWⅢ-60fza
Medium temperature range			7℃～30℃				
Medium			Water				
Chilling capacity(kW) 50/60Hz		10℃	74.5/86.4	87.9/100.8	117/134	147/168	176/202
		15℃	82.7/95.5	97.5/111.9	130/149	163/187	195/224
Tank capacity		(ℓ)	350		500	650	
Compressor out put		(kW)	7.44×2+3.75	7.44×3	7.44×4	7.44×5	7.44×6
Refrigerant			R407C				
Internal circ. pump 50/60Hz	Output	(kW)	0.75/0.75		1.5/1.5		1.5/2.2
Medium circ. pump 50/60Hz	Output	(kW)	5.5/7.5		7.5/11		
			High-efficiency motor				
	Max. flow rate	(ℓ/min)	600/700		1300/1500		
	Max. output pressure	(MPa)	0.52/0.52		0.39/0.39		
Pipe connection size	Medium process Medium return		65A (Socket) 2 1/2B(Socket)		100A (Socket)) 4B(Socket)		
	Cooling water inlet		65A (Socket) 2 1/2B(Socket)		80A (Socket) 3B(Socket)		100A (Socket) 4B(Socket)
	Cooling water outlet		65A (Grobe valve) 2 1/2B(Grobe valve)		80A (Socket) 3B(Socket)		100A (Socket) 4B(Socket)
	Water supply		15A (Socket) 1/2B(Socket)		25A (Socket) 1B(Socket)		
	Over flow		25A (Socket) 1B(Socket)				
	Drain for drain pan		Also used as a tank drain {25A (Socket) } To be with Drain {1B(Socket)}				
	Inlet of compression air		φ6 Tube fitting				
Utility	Cooling water volume (ℓ/min) ※1		246/284	291/333	388/444	485/555	582/666
	Supplying pressure of compression air	(Mpa)	0.4～0.8				
	Supplying volume of compression air	(Nℓ/min)	More than 6				
	Weight	(kg)	1300	1300	1700	2200	2400
	Electricity	(kVA)	34.6	38.8	54.3	63.6	74
	Breaker	(AT)	150		225	250	300
	Power source		AC200V 50/60Hz･AC220V 60Hz 3φ 3W				
Paint color			Nittoko S4-389				
Alarm			Medium short, Overload(compressor, pump), Chilled water short, Chiller high pressure alarm, Chiller low pressure alarm, Freezing alarm, Chiller over-heat,Temp.high alarm, Temp.low alarm, Sensor error, Reverse phase				
Options			※2		※3		
Dynakleen･N Deo			Equipped as standard				
Dimensions		(W×D×Hmm)	2225×1150×1800		2700×1300×1800	3200×1300×1800	

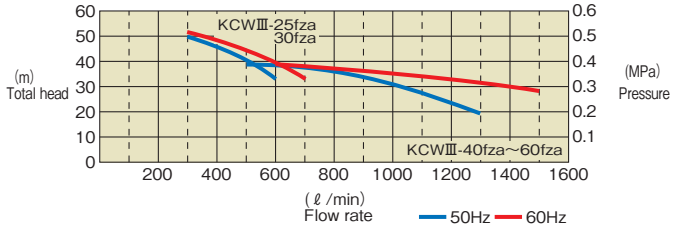
※ 1 Cooling water volume is figured at 7℃ of chiling water, 30℃ of inlet cooling water and 35℃ outlet cooling water.

1kW=860kcal/h
1MPa=10.197kg/cm²

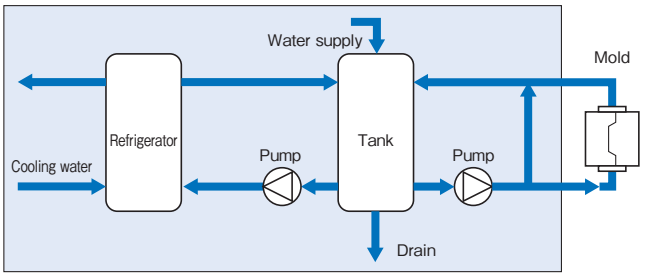
※2 Branch pipe, Hose, Signal light, Nominated-color, Cooling water adjust valve, Different voltage

※3 Branch pipe, Hose, Signal light, Nominated-color, Different voltage

Performance curve of medium flow rate.(KCWⅢ-25fza~60fza)



Flow-chart (KCWⅢ-25fza~60fza)



Extremely compact design Best salable compact-size chilling-heating unit.…

This unit can be installed to each molding machines independently, just like mold temperature controller.
Z series uses Environmental protection proof Refrigerant R407C (ODP 0). An energy-saving effect of 30% at the maximum is got by automatic control of water temperature in a water cooler.

<Indoor type>

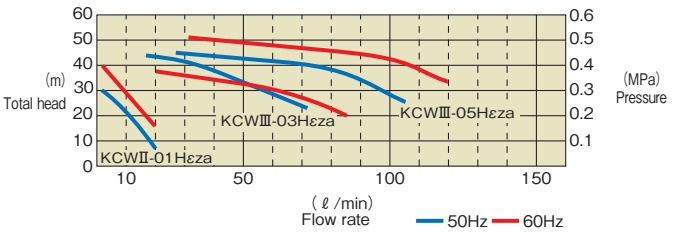
Model ※1		KCWⅢ-01Hεza	KCWⅢ-03Hεza	KCWⅢ-05Hεza	KCWⅢ-03Hεza2	KCWⅢ-05Hεza2
Medium temperature range		10℃～95℃				
Medium		Water				
Chilling capacity(kW) 50/60Hz	10℃	2.8/3.3	9.7/11.9	15.9/19.2	9.7/11.9	15.9/19.2
	15℃	3.3/3.8	11.0/13.0	17.7/20.9	11.0/13.0	17.7/20.9
Tank capacity (ℓ)		——	30	45	30	45
Compressor out put (kW)		0.9	3	3.75	3	3.75
Refrigerant		R407C				
Internal circ. pump 50/60Hz Output (kW)		0.15/0.25	0.74/0.74	0.74/1.28		
			High-efficiency motor			
Medium circ. pump 50/60Hz	Output (kW)	0.15/0.25	0.74/0.74	1.27/2.2	0.74×2/0.74×2	1.27×2/2.2×2
			High-efficiency motor			
	Max. flow rate (ℓ/min)	20/20	72/86	105/120	72×2/86×2	105×2/120×2
	Max. output pressure (MPa)	0.3/0.4	0.44/0.38	0.45/0.51	0.44×2/0.38×2	0.45×2/0.51×2
Heater capacity (kW)		3(2.7～3.3)	6(5.4～6.6)	9(8.2～9.9)	6(5.4～6.6)×2	
Pipe connection size	Medium process Medium return	OD10.5×2 directions Hose Nipple	10A×2 directions	10A×4 directions	10A×2 directions×2 lines	10A×4 directions×2 lines
	Cooling water inlet	20A 3/4B(Socket)		25A 1B(Socket)	20A 3/4B(Socket)	25A 1B(Socket)
	Cooling water outlet	20A 3/4B(Socket)		25A 1B(Socket)	20A 3/4B(Socket)	25A 1B(Socket)
	Water supply	——	15A(1/2B(Socket)			
	Drain	——	20A(3/4B(Ball valve)			
	Over flow	——	25A(1B(Socket)			
	Drain for drain pan	15A(1/2B(Socket)				
Utility	Cooling water volume (ℓ/min) ※2	14.0/17.4	32/39	52/62	32/39	52/62
	Weight (kg)	120	165	200	250	280
	Electricity (kVA)	6	12.8	20.4	21.3	26.9
	Breaker (AT)	30	50	63	75	100
	Power source	AC200V 50/60Hz･AC220V 60Hz 3φ 3W				
Paint color		Nittoko S4-389				
Alarm		※3	※4			
Options		※5	※6			
Dynakleen･N Deo		——	OPTION			
Dimensions (W×D×Hmm)		300×700×900	503×657×1230	553×657×1330	750×700×1450	800×700×1600

※1 Hεza-P type is available having upgraded medium circ. pump.
※2 Cooling water volume is figured at 7℃ of chilling water, 30℃ of inlet cooling water and 35℃ outlet cooling water.

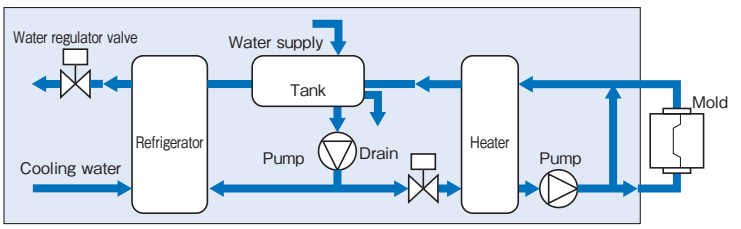
1kW=860kcal/h
1MPa=10.197kg/cm²

※3 Medium short, Overload(compressor, pump), Chiller high pressure alarm, Chiller low pressure alarm, Freezing alarm, Chiller over-heat,Temp.high alarm, Temp.low alarm, Sensor error, Reverse phase
※4 Medium short, Overload(compressor, pump), Chilled water short, Chiller high pressure alarm, Chiller low pressure alarm, Freezing alarm, Chiller over-heat,Temp.high alarm, Temp.low alarm, Sensor error, Reverse phase
※5 Hose, Signal light, Nominated-color, Different voltage, Indirect cooling type(city water or well water)
※6 Hose, Signal light, Nominated-color, Different voltage (excepting for KCWⅢ-03Hεza)

Performance curve of medium flow rate.(KCWⅡ-01Hεza～KCWⅢ-05Hεza)



Flow-chart (KCWⅢ-03~05Hεza)



This unit can control wide range of temperature
Mid size chilling-heating unit

Single unit can control wide range of temperature control from scope of chiller to that of temperature controller!
Z series uses Environmental protection proof Refrigerant R407C (ODP 0). An energy-saving effect of 30% at the maximum is got by automatic control of water temperature in a water cooler.

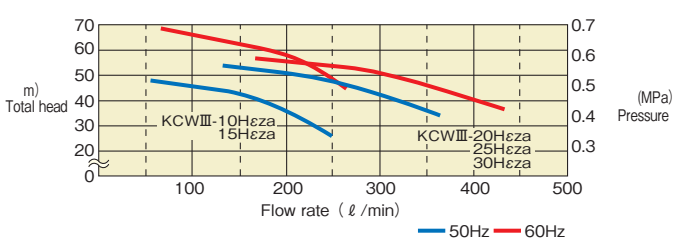
<Indoor type>

Model ※1			KCWⅢ-10Hεza	KCWⅢ-15Hεza	KCWⅢ-20Hεza	KCWⅢ-25Hεza	KCWⅢ-30Hεza
Medium temperature range			10℃～95℃				
Medium			Water				
Chilling capacity(kW) 50/60Hz	10℃		29.3/33.6	45.2/52.8	58.6/67.2	74.5/86.4	87.9/100.8
	15℃		32.5/37.3	50.2/58.2	65.0/74.6	82.7/95.5	97.5/111.9
Tank capacity		(ℓ)	200	250	300	350	
Compressor out put		(kW)	7.44	7.44+3.75	7.44×2	7.44×2+3.75	7.44×3
Refrigerant			R407C				
Internal circ. pump 50/60Hz		Output (kW)	0.74/1.28 High-efficiency motor	1.5/1.5		2.2/2.2	
Medium circ. pump 50/60Hz	Output	(kW)	2.3/4.0 High-efficiency motor		4.0/5.5 High-efficiency motor		
	Max. flow rate	(ℓ/min)	250/265		367/433		
	Max. output pressure	(MPa)	0.48/0.69		0.54/0.57		
Heater capacity		(kW)	12(10.9～13.2)		12(10.9～13.2)×2	40(36.3～43.9)	
Pipe connection size	Medium process Medium return		40A(1 1/2B(Socket)		50A(2B(Socket)		
	Cooling water inlet		40A 1 1/2B(Socket)	50A(2B(Socket)		65A(2 1/2B(Socket)	
	Cooling water outlet		40A 1 1/2B(Grobe valve)	50A(2B(Grobe valve)		65A(2 1/2B(Grobe valve)	
	Water supply		15A(1/2B(Socket)				
	Drain		20A 3/4B(Ball valve)	25A(1B(Ball valve)		25A(1B(Socket)	
	Over flow		25A(1B(Socket)			25ATo be with Drain {1B(Socket)}	
	Drain for drain pan		25A(1B(Socket)				
	Inlet of compresson air		φ6Tube fitting				
Utility	Cooling water volume	(ℓ/min) ※2	97/111	149/173	194/222	246/284	291/333
	Supplying pressure of compression air	(Mpa)	0.4～0.8				
	Supplying volume of compression air	(Nℓ/min)	More than 6				
	Weight	(kg)	510	810	1200	1300	
	Electricity	(kVA)	29.9	35.3	54.3	77.8	82.0
	Breaker	(AT)	100	125	200	250	300
	Power source		AC200V 50/60Hz･AC220V 60Hz 3Phase 3W				
Paint color			Nittoko S4-389				
Alarm			Medium short, Overload(compressor, pump), Chilled water short, Chiller high pressure alarm, Chiller low pressure alarm, Freezing alarm, Chiller over-heat,Temp.high alarm, Temp.low alarm, Sensor error, Reverse phase				
Options			Branch pipe, Hose, Signal light, Nominated-color, Cooling water adjust valve, Different Voltage				
Dynakleen･N Deo			Standard feature				
Dimensions		(W×D×Hmm)	1020×950×1770	1300×1070×1800	1500×1100×1970	2225×1150×1800	

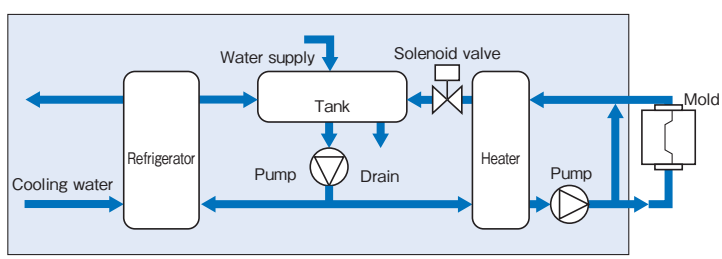
※1 Heater less type (KCWⅢ-25εza, 30εza) are available with standard specifications.
※2 Cooling water volume is figured at 7℃ of chiling water, 30℃ of inlet cooling water and 35℃ outlet cooling water.

1kW=860kcal/h
1MPa=10.197kg/cm²

Performance curve of medium flow rate. (Hεza type)



Flow-chart (Hεza type)



2 circuits temperature control chilling-heating unit

This unit can serve independent temperature setting for core and cavity to prevent any sink & warpage.
Z series uses Environmental protection proof Refrigerant R407C (ODP 0).

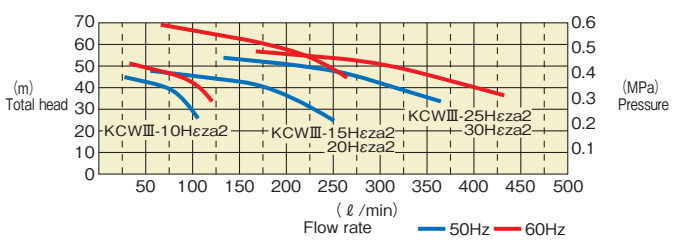
<Indoor type>

Model ※1			KCWⅢ-10Hεza2	KCWⅢ-15Hεza2	KCWⅢ-20Hεza2	KCWⅢ-25Hεza2	KCWⅢ-30Hεza2
Medium temperature range			10℃～95℃				
Medium			Water				
Chilling capacity(kW) 50/60Hz		10℃	29.3/33.6	45.2/52.8	58.6/67.2	74.5/86.4	87.9/100.8
		15℃	32.5/37.3	50.2/58.2	65.0/74.6	82.7/95.5	97.5/111.9
Tank capacity		(ℓ)	200	300		350	
Compressor out put		(kW)	7.44	7.44+3.75	7.44×2	7.44×2+3.75	7.44×3
Refrigerant			R407C				
Internal circ. pump 50/60Hz Output (kW)			1.27/2.2 High-efficiency motor	1.5/1.5		2.2/2.2	
Medium circ. pump 50/60Hz	Output	(kW)	1.27×2/2.2×2	2.3×2/4×2		4.0×2/5.5×2	
			High-efficiency motor				
	Max. flow rate	(ℓ/min)	105×2/120×2	250×2/265×2		367×2/433×2	
	Max. output pressure	(MPa)	0.45×2/0.51×2	0.48×2/0.69×2		0.54×2/0.57×2	
Heater capacity		(kW)	9(8.2～9.9)×2	12(10.9～13.2)×2		30(27.2～32.9)×2	
Pipe connection size	Medium process Medium return		25A×2 1B×2(Socket)	40A×2(1 1/2B×2(Socket)		50A(×2 directions 2B(Socket)×2	
	Cooling water inlet		40A 1 1/2B(Socket)	50A(2B(Socket)		65A(2 1/2B(Socket)	
	Cooling water outlet		40A 1 1/2B(Grobe valve)	50A(2B(Grobe valve)		65A(2 1/2B(Grobe valve)	
	Water supply		15A(1/2B(Socket)				
	Drain		20A 3/4B(Ball valve)	25A(1B(Ball valve)		25A(1B(Socket)	
	Over flow		25A(1B(Socket)			25A(To be with Drain {1B(Socket)}	
	Drain for drain pan		25A(1B(Socket)				
	Inlet of compresson air		⌀6mm Tube fitting				
Utility	Cooling water volume	(ℓ/min) ※2	97/111	149/173	194/222	246/284	291/333
	Supplying pressure of compression air	(Mpa)	0.4～0.8				
	Supplying volume of compression air	(Nℓ/min)	6以上				
	Weight	(kg)	500	1220		1600	
	Electricity	(kVA)	38.7	53.7	57.8	106.7	110.8
	Breaker	(AT)	125	175	200	350	350
	Power source		AC200V 50/60Hz･AC220V 60Hz 3φ 3W				
Paint color			Nittoko S4-389				
Alarm			Medium short, Overload(compressor, pump), Chilled water short, Chiller high pressure alarm, Chiller low pressure alarm, Freezing alarm, Chiller over-heat,Temp.high alarm, Temp.low alarm, Sensor error, Reverse phase				
Options			Branch pipe, Hose, Signal light, Nominated-color, Cooling water adjust valve, Different Voltage				
Dynakleen･N Deo			Standard feature				
Dimensions		(W×D×Hmm)	1020×950×1770	1500×1100×1970		2700×1150×1800	

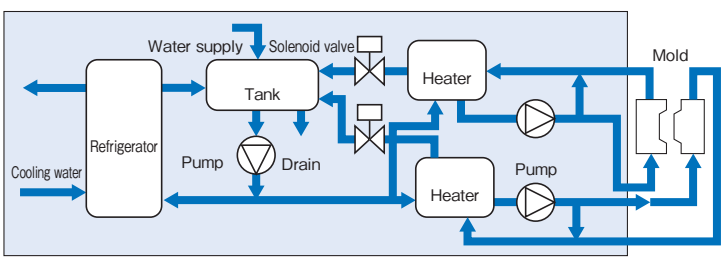
※1 Heaterless type (KCWⅢ-10εza2～20εza2, 25εza2, 30εza2) are available with standard specifications.
※2 Cooling water volume is figured at 7℃ of chiling water, 30℃ of inlet cooling water and 35℃ outlet cooling water.

1kW=860kcal/h
1MPa=10.197kg/cm²

Performance curve of medium flow rate. (Hεza2 type)



Flow-chart (Hεza2 type)



Features of the new controller

Large display size and easy to see
Standard function up
Full range of options

Standard function What is described as a new function in the remarks is a function that was not equipped in the old controller

No.	Items	Contents	Remarks
1	Remote operation	Operation / stop operation by external signal Contact "closed": operation, contact "open": stop	
2	Timer function	ON timer, OFF timer	
3	Weekly timer function	The built-in calendar clock, day of the week selection, and timer operation / stop by setting start / stop time are performed.	New function (KCTⅡ-**HHDN** for standard Factory out ON / OFF
4	Temperature rise defect detection function	Monitorthetemperaturechangewhentheheatingoutputis100%, ifthetemperaturechangeisnegligiblewithinthesettime,analarmwillbe issued.HF01)	New function Factory out OFF
5	Temperature drop detection function	Monitor the temperature change when the cooling output is 100%, If the temperature change is negligible within the set time, an alarm will be issued.(CF01)	New function Factory out OFF
6	Hot start selection	The state before the power supply is turned off is memorized. After recovering from a power failure, the operation returns to the state before turning off the power.	New function Factory out OFF
		When the power supply is turned on, it operates to enter the remote operation state.	New function Factory out OFF
		If the momentary power failure is 2 seconds or less, the controller will be restarted, and if it exceeds 2 seconds, the controller power will be turned off and stopped.	New function Factory out OFF
7	ECO function	If the controller has not been operated for a certain period, the temperature display/abnormality display will be turned off. ※It returns (lights up) by any key operation.	New function Factory out OFF
8	Setting change rate limiter function	When changing the temperature setting, the set temperature is gradually changed according to the set temperature and time. (Example: 1 ° C, 1 minute) The temperature rise side and temperature fall side can be set individually. * There is no tracking function with the current temperature.	New function Factory out OFF
9	Two temperature switching	The two set temperatures are memorized and switched by pressing and holding the "SET key" on the controller.	新機能 ※出荷時:ON
10	Slow cooling operation during stop operation	When the stop operation is performed, the temperature is gradually changed at the temperature and time set arbitrarily. (The operation / slow cooling lamp blinks, and only the slow cooling lamp lights up when the time is up.) * There is no tracking function with the current temperature.)	新機能 ※出荷時:ON
11.	Slow cooling stop during stop operation	Slow cooling stop during stop operation When the operation is performed, the temperature gradually changes at an arbitrarily set temperature and time. new function The device will stop if the current temperature falls below the arbitrarily set temperature. (The operation / slow cooling lamp blinks, and all lights are turned off when the time is up.) * There is no tracking function with the current temperature.	※出荷時:ON
12	Operating time-integrated display	The operating time, the number of times the heater is turned on, and the number of times the solenoid valve is turned on are integrated and displayed.	
13	Abnormal history display	Displays the time of occurrence and the history of abnormal codes. (20 cases)	新機能
14	Timer temperature down stop	OFF When the timer time is up, it switches to the temperature setting two and stops when the temperature drops below an arbitrary set temperature.	

※Please get in touch with us for details on optional functions.

※※The Specifications are subject to change without notice.

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