

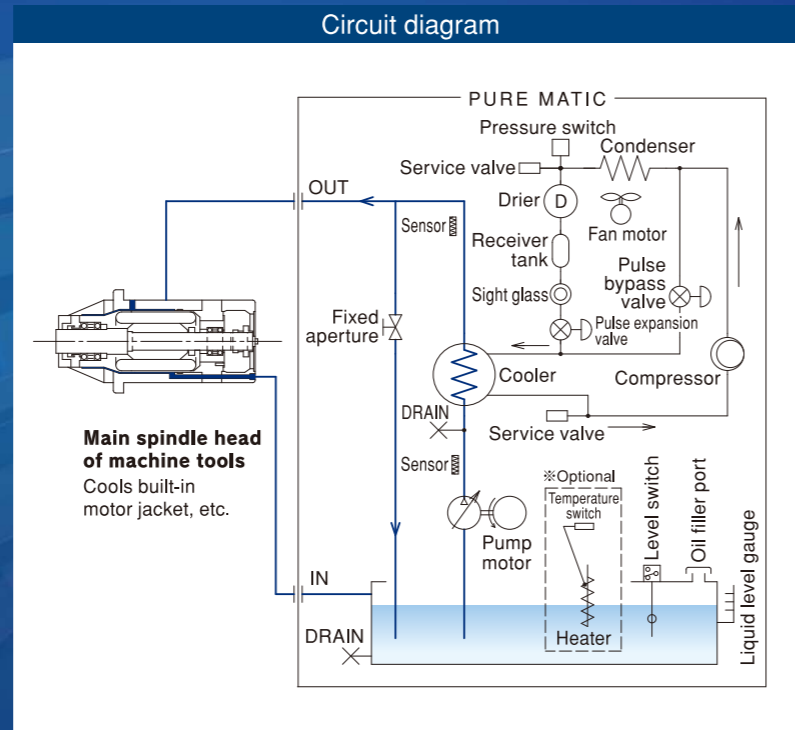
# PURE MATIC

Automatic WATER Temp. Regulator

## Series W

Circulation (closed) type

For controlling water temperatures of machine tools or other industrial machines like laser processing machines and electric discharge machines



±0.1~0.2°C

Inverter control method  
INVERTER

Cools Semiconductor manufacturing equipment

Cools linear motor

Cools Other various industrial machines

Options implemented

With heater

Tropical (passing) treatment

Water-cooled condenser specifications

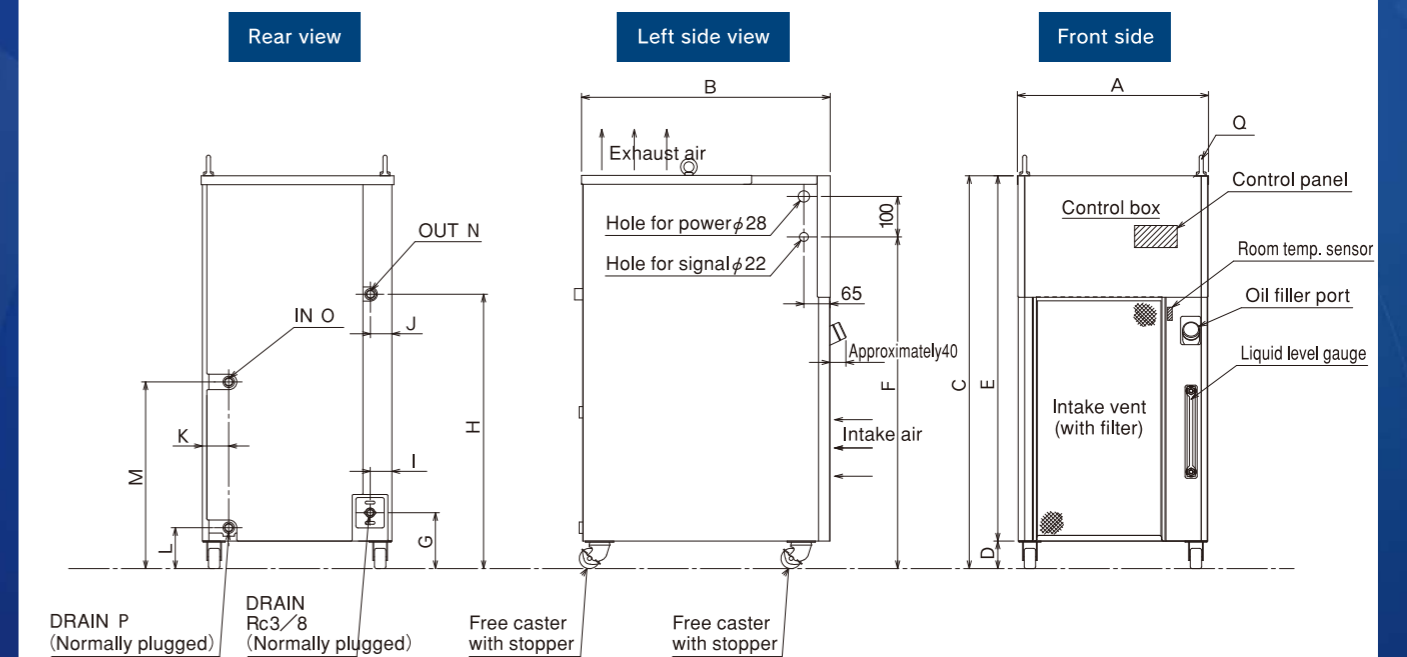
規格対応

Standard compliant

※For other special specifications please contact our sales representatives.

This is an automatic liquid temperature regulator that uses water or pure water rather than oil as a heat medium. It is used for semiconductor manufacturing equipment, medical equipment, linear motors, and other industrial machines. It controls temperatures with extremely high accuracy to optimize the performance of industrial machines.

### Dimensions



Model	W300	W750	W1500	W2200
Effective cooling capacity (50/60Hz) [W] ※1	0~1800	0~3700	0~5800	0~8000
Nominal chiller capacity [W]	500	750	1500	2200
Refrigerant used	R-407C			
Refrigerant capacity [g]	520	740	840	1000
Solution-sending pump type	Flow rate [L/min] (50Hz)	17 (全揚程26m)		42 (total head 39m)
	Flow rate [L/min] (60Hz)	50 (全揚程27m)		67 (total head 39m)
Power source	AC200V 50/60Hz, AC220V 60Hz 3Ph			
Maximum operating current [A]	9	16	18	26
Maximum operating current [A] ※2			19	
Nominal operating current [A]	6	9	11	19
Nominal operating current [A] ※2			16	20
Temperature Setting range	Follow-up type ...reference temperature-9.9~9.9°C Constant type...5~45°C			
Range of ambient temperature [°C]	5~45			
Range of liquid temperature [°C]	5~45			
Fluid to use	Water			
Tank capacity [L]	13		16	27
Heating capacity (kW) ※2	1		2	3
Weight [kg]	80	90	100	140

Size list	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
W300	400	510	790	65	725	639	110	306	43	83	64	95	380	Rc1/2	Rc1/2	Rc1/2	2-M12 Eye bolt
W750		570	860		795	705	128	173	51	Rc1/2				Rc1/2	Rc1/2	2-M12 Eye bolt	
W1500	472	614	970	68	902	819	138	678	54	53	65	101	461	Rc1/2	Rc1/2	Rc1/2	2-M12 Eye bolt
W2200	591	714	1055		987	904		734	59					60	105	458	Rc3/4

※1 Effective cooling capacity indicates the maximum values within the range of use when oil ISO VG2 or equivalent is used.  
 ※2 Only for specifications with heater.  
 ※ Specifications may be improved and are subject to change without notice.