

Julabo
THE TEMPERATURE CONTROL COMPANY

PRESTO™ W55



ENGLISH



PRESTO™ W55

Order No.	9 421 552							
Working temperature range °C	-55 ... +250							
Temperature control	ICC							
Temperature stability °C	±0.05 ... ±0.2							
Setting/display resolution °C	±0.01							
Integrated programmer	8 × 60 steps							
Temperature display	5.7" TFT Touchscreen							
Heating capacity kW	15 @ 400V; 12 @ 208V							
Cooling capacity °C	200	20	0	-10	-20	-30	-40	-50
(Bath fluid Ethanol) kW	13.5	15	10	6.5	4	2.5	1.2	0.3
Pump capacity flow rate l/min	35 ... 80							
Pump capacity pressure bar	0.48 ... 3.2 @ 400V; 0.48 ... 3.0 @ 208V							
Pump connections	M30 × 1.5							
Refrigerant	R452A							
Pt100 external sensor connection	Included							
Digital interfaces	RS232, SD Card, USB, Ethernet, Modbus, Alarm output/Accessory: RS485, Profibus							
Analog inputs/outputs	Accessory							
Cooling of compressor	Single stage, water-cooled							
Process volume min. liters (active heat exchanger volume)	11.5 (7)							
Internal usable expansion volume liters	7							
Classification acc. to DIN 12876-1	Class III (FL)							
Noise level max. dbA (distance 1 m)	65							
Viscosity max. cSt.	50							
Permissible ambient temperature °C	5 ... 40							
Cooling water connection	G 3/4" male with barbed fittings for tubing 1/2" I.D.							
Cooling water consumption l/min	8 ... 12							
Cooling water differential pressure bar (min.)	0.5							
Bath fluid	HL30, HL60, HL80							
Dimensions W×D×H cm	61 × 84.5 × 125							
Weight kg	288							

Available voltage versions

Order No.	9 421 552.07	9 421 552.16
Nominal voltage V / Hz	3 × 400/50 ±10 %	3 × 208-230/60 ±5 %
Nominal current A	32A @ 400 V	48A @ 208 V/51A @ 230 V
Plug	32A CEE plug	Without plug

All data refers to the nominal voltage and nominal frequency and ambient temperature of +20 °C. Cooling capacity measured at max. pump stage.
All pump data refers to a bath fluid with a specific density of 1 kg/dm³.