



**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 (Bath fluid Ethanol) kW	200	20	0	-10	-20	-30	-40	-50	
	13.5	15	10	6.5	4	2.5	1.2	0.3	
Pump capacity flow rate l/min	35 ... 80								
Pump capacity pressure psi	7 ... 46.4 @ 400V; 7 ... 43.5 @ 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 psi (min.)	7.25								
Bath fluid	Thermal G, Thermal P60, Thermal P90								
Dimensions W×D×H in	24 x 33.3 x 49.2								
Weight lb	634.9								

### 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/dm<sup>3</sup>.