

# Configure Your Own SpeedVac System

## Build your own SpeedVac System

- Flexible custom configured systems
- The Ideal alternative to SpeedVac Kits for complex solvent evaporation applications
- Mix and match your concentrator, pump and cold trap to meet your specific needs

## Our technical experts are ready to help

Simply send an e-mail to [speedvac@thermofisher.com](mailto:speedvac@thermofisher.com) with the answer to the following questions.

### Technical Specification for Integrated Concentrators

Series	Savant DNA120, DNA120-OP and ISS110 SpeedVac Ordering Information					
Model No.	DNA120-115	DNA120-230	DNA1200P-115	DNA1200P-230	ISS110A-115	ISS110P1
Description	DNA120 concentrator with integrated pump includes RD36 rotor		DNA120 concentrator with integrated pump for Oligos includes RD36 rotor		ISS110 A concentrator with integrated pump and cold trap, includes RH200 rotor and 1L bottle of CryoCool	
Voltage	115 V/60 Hz	230 V/50 Hz	115 V/60 Hz	230 V/50 Hz	115 V/60 Hz	230 V/50 Hz
Vacuum Pump	Oil Free ETFE diaphragm		Oil Free ETFE diaphragm		Oil Free ETFE diaphragm	
Max. Vacuum	>19 torr (9 mbar)		>19 torr (9 mbar)		>10 torr (9 mbar)	
Displacement	30 liters/min at 50 Hz	36 liters/min at 60 Hz	36 liters/min at 60 Hz	30 liters/min at 50 Hz	36 liters/min at 60 Hz	30 liters/min at 50 Hz
Vacuum Control Ramp Rate	None		None		None	
Vacuum Level Control Setting	N/A		N/A		N/A	
Refrigerated Vapor Trap	None		None		4 liters/ -50°C	
Heat Setting	3 pre-sets: Ambient, Med (43°C), High (65°C)		3 pre-sets: Ambient, Med (43°C), High (65°C)		3 pre-sets: Ambient, Med (43°C), High (65°C)	
Cover	Plexiglass®		Glass		Plexiglass	
Timer Settings	1 min. to 10 hours		1 min. to 10 hours		None	
Dimensions W x H x D in (mm)	11 x 11 x 25 (290 x 290 x 630)		11 x 11 x 25 (290 x 290 x 630)		25 x 15 x 26 (620 x 380 x 660)	
Weight lbs (kg)	86 (39)		86 (39)		152 (69)	

### Technical Specification for Modular Concentrators

Series	Savant SPD111, 121, 131 SpeedVac Ordering Information					
Model No.	SPD111V-115	SPD111V-230	SPD121P-115	SPD121P-230	SPD131DDA-115	SPD131DDA-230
Description	SPD111V concentrator		SPD121P concentrator		SPD131DDA concentrator	
Voltage	115 V/60 Hz	230 V/50 Hz	115 V/60 Hz	230 V/50 Hz	115 V/60 Hz	230 V/50 Hz
Bleeder Valve	Automatic		Automatic (Dual)		Automatic (Dual)	
Exhaust Port size	Standard		Standard		Oversized	
No. of Infrared Chamber Lamps	None		None		2	
Vacuum Control Ramp Rate	None		None		1 to 5	
Vacuum Level Control Setting	None		None		20 to 0.1 torr (26.6 to 0.1 mbar)	
Refrigerated Vapor Trap	Order Separately		Order Separately		Order Separately	
Heat Setting	off, 35 to 80°C in 5°C increments		off, 35 to 80°C in 5°C increments		off, 35 to 80°C in 5°C increments	
Cover	Plexiglass		Radiant Glass (on/off, slaved to heat timer)		Controlled Heat Glass Cover (Off/slave to heat temperature and time)	
Timer Settings	1 min. to 10 hours		1 min. to 10 hours		1 min. to 10 hours	
Dimensions W x H x D in (mm)	14 x 18 x 13 (in), 360 x 460 x 330 mm		14 x 18 x 13 (in), 360 x 460 x 330 mm		14 x 18 x 13 (in), 360 x 460 x 330 mm	
Weight lbs (kg)	37 (17)		44 (20)		44 (20)	



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