

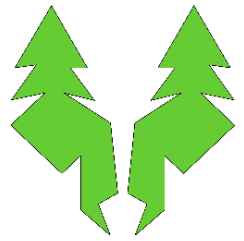
# Wolf Laboratories Limited

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## Ultrasonic Humidity Cabinets

### Construction

All cabinets have stainless steel interiors fitted with adjustable shelves. All SF models have sealed chambers making them suitable for humidities up to 98%. LT models do not have sealed chambers and their use is restricted to a narrower range of humidities. SF models can have a heated outer door to demist the inner glass doors. CFC-free polyurethane insulation provides very efficient thermal stability in all models. A 12mm access port is provided as standard.

### Temperature Control

Monitoring and control of both heating and cooling functions is performed with great accuracy, and achieves typical temperature stability of  $\pm 0.5^{\circ}\text{C}$ . The microprocessor based digital temperature controller allows the temperature performance to be easily verified. A digital over temperature safety cut out is fitted to all models.

### Humidity Control (Ultrasonic Type)

All /RH models are fitted with an ultrasonic fine mist humidity generator located in the chamber. The microprocessor humidity controller accurately monitors and adjusts the chamber humidity level. All /RH models are able to dehumidify as well as increase humidity. It should be noted that not all combinations of humidity and temperature are possible. Temperature and humidity performance varies according to the combination selected.



SPECIFICATION				
MODEL	SFC2C/RH	SFC3C/RH	LT601F/RH	LT1201F/RH
TEMPERATURE RANGE **	+5°C to +50°C	+5°C to +50°C	+10°C to +50°C	+10°C to +50°C
CONTROL VARIATION	±0.5°C at 20°C ±0.5°C at 20°C	±0.5°C at 20°C ±0.5°C at 20°C	±1.0°C at 20°C ±3.0 at 20°C	±1.0°C at 20°C ±3.0 at 20°C
HUMIDITY RANGE	30% to 98%RH	30% to 98%RH	40% to 95%RH	40% to 95%RH
HUMIDITY VARIATION	±5% at 20°C	±5% at 20°C	±5% at 20°C	±5% at 20°C
DIMENSIONS				
EXTERNAL (HxWxD mm)	1075x635x660	1745x635x660	2080x700x800	2080x1440x800
INTERNAL (HxWxD mm)	590x510x490	1275x510x490	1498x580x675	1498x1320x675
CHAMBER CAPACITY (Litres)	150	320	600	1350
SHELVES SUPPLIED	4	6	3	6
WEIGHT (kg)	100	145	130	265
POWER RATING (W)	800	850	800	1500
INSULATION	EXPANDED FOAM		EXPANDED FOAM	
ACCESS PORT	YES (12mm diameter)		YES (12mm diameter)	
CASTORS	NO		YES (lockable)	
EXTERIOR	WHITE PAINTED STEEL		304 STAINLESS STEEL	
INTERIOR	304 STAINLESS STEEL		304 STAINLESS STEEL	
REFRIGERANT	R134a		R134a	

\*\*TEMPERATURE SPECIFICATION AT 20°C AMBIENT

Every LEEC Ultrasonic Humidity Cabinet is made to order to meet the exacting needs of every customer. LEEC prides itself on being able to deliver exactly what the customer wants and relishes the challenge of producing a Humidity Cabinet that is tailored to every specific customer need.

Below are the Options which are available on the LEEC Ultrasonic Humidity Cabinet. Please be aware that LEEC will endeavour to meet every customer requirement request



# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.