

# ARS1MLDL2B



21.5" x 17.5" x 19.75" (H x W x D)

Performance series Med-Lab 1 cu.ft. compact all-refrigerator for laboratory storage with factory-installed data logger

## Highlights:

NIST calibrated DDL included for accurate temperature logging

Intelligent microprocessor digital temperature controller

Improved temperature accuracy with a separate temperature probe for continuous product readout to simulate stored product temperature

## Product Features:

Purpose-built design	Designed and purpose-built to meet the demanding needs of scientific, life science, laboratory, and medical cold storage applications
+/-1°C Variation	The published temperature variation is derived from the maximum deviation of an NTC sensor in a 1 oz. vial located nearest the chamber geometric center during a 24 hour test period
Adjustable temperature	Intuitive controls let you adjust the interior temperature between +2 to +10°C
Digital data logger (DDL) included	Accucold DL2B data logger is NIST calibrated in our ISO/IEC 17025:2017 laboratory, with user-set logging intervals, a large LCD readout of the current and high/low temperature, and virtually unlimited storage through internal memory and a convenient USB drive; for additional information on this logger's features, view the DL2BKit on our website
Temperature alarm	Visual and audible alarms alert if the interior temperature rises or falls out of set range
Remote alarm contacts	Electronic controller is equipped with a volt-free contact for alarm forwarding to an external remote system (contacts located in the external rear of the unit)
Automatic defrost with adjustable cycle defrost	Adjustable cycle defrost operation ensures the unit avoid temperature spikes and ice buildup
Access port	Includes a pre-installed 1/2" probe hole in the right interior wall to allow easier connection to user-provided monitoring equipment

## ARS1MLDL2B Specifications:

Overview	
Height of Cabinet	21.5" (55 cm)
Width	17.5" (44 cm)
Width with Door Open	18.0" (46 cm)
Depth	19.75" (50 cm)
Depth with Handle	21.5" (55 cm)
Depth with door at 90°	36.0" (91 cm)
Capacity	1.0 cu.ft. (28 L)
Defrost Type	Automatic
Door	White
Cabinet	White
US Electrical Safety	ETL
Canadian Electrical Safety	ETL-C
Amps	0.6
Voltage/Frequency	115 V AC/60 Hz
Weight	63.0 lbs. (29 kg)
Shipping Weight	73.0 lbs. (33 kg)
Estimated Time to Ship	1 to 2 days
Parts & Labor Warranty	2 Years
Compressor Warranty	5 Years
Refrigerator Features	
Door Swing	RHD
Reversible	Factory Reversible
Shelf Type	Wire
Shelf Qty	3
Adjustable Shelves	Yes
Thermostat Type	Digital
Fan Type	Interior
Refrigerant Type	R600a
Refrigerant Amount	0.71oz.
Interior Light	Yes
Temperature Range	2 to 10°C
Dimensions	
Interior Height	15.75" (40 cm)
Interior Width	14.0" (36 cm)
Interior Depth	8.0" (20 cm)

