

ACURA

Acura offers tomorrow's precision technology to today's laboratories

Acura offers the very best in precision temperature control, combined with intelligent next-generation technology designed to maintain optimum - not only in temperature, but also in the mechanical properties of the product itself.

Featuring the latest technological advances in temperature control, accuracy and cooling technology.

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- **7" touchscreen** for easy reading of data logs and alarms
 - **WiFi connectivity** in line with our Dialog IoT cloud platform
 - **Documentation** of real-time and historical temperature compliance
 - **Live temperature** monitoring for extra control and peace of mind
 - **Configurable users** and password login access
 - **Built-in battery** up to 72h in case of emergency or power failure
 - **Integrated alarms** to ensure temperature control is fully maintained
 - **Safety thermostat** prevents the temperature from dropping below +2°C
 - **Volt-free contact** for external alarm connection
 - **Ø27mm access port** for external temperature sensors
 - **Hygienic interior** finishing in stainless steel with pressed bottom
 - **Adjustable interior** design for grid shelving or drawers
 - **Self-closing doors** with easy-clean magnetic sealing gaskets
 - **80mm thermal insulation** with no ODP or GWP








ACURA

Pharmaceutical & laboratorial

The Acura product line exemplifies accuracy, as it has been meticulously designed to offer accuracy and dependability, specifically tailored to meet the requirements of pharmaceutical and laboratory settings.

These refrigerators incorporate state-of-the-art temperature control, connectivity, precision, and cooling technologies, ensuring the secure storage of healthcare products.

Control features include

-  **Connectivity**
Ready to connect with Dialog IoT platform
-  **Temperature control**
Live temperature monitoring for extra control
-  **7" Touch screen**
Easy reading of data logs and alarms
-  **Configurable users**
Set login access password to protect valuables
-  **Complete documentation**
Real-time and historical temperature compliance



Dialog IoT

Bringing next generation technology into the present

Incorporated into all Acura cooling solutions, the Dialog IoT system is a cutting-edge solution designed to provide comprehensive remote monitoring for your laboratory or pharmacy, safeguarding the integrity of your valuable samples with the power of intelligent metrics. This innovative system goes beyond basic surveillance, employing a range of advanced features to ensure the safety and reliability of your operations.



Comprehensive Oversight

Constantly observes components, performance indicators, and environmental conditions, allowing proactive intervention.



Data Resilience

Ensures data continuity during power failures, routing information through the Dialog web app.



Temperature Control

Provides precise control over temperature conditions, preventing sample degradation.



Real-Time Monitoring

Operators access minute-by-minute data for immediate temperature adjustments, minimising sample risk.

With Dialog IoT's comprehensive oversight and robust data management capabilities, it is a powerful tool for maintaining sample integrity and ensuring the smooth operation of your facility.



ACSS-550 Lab

Acura Refrigerator

ACSG-550 Lab

Acura Refrigerator Glazed Door

Specifications

Set operating temperature	+5 °C	
Temperature range	+2 °C to +16 °C	
Ambient temperature range	+10 °C to +40 °C	
Gradient	2 °C	3 °C
Exterior dimensions (WxDxH)	720x850x2040 mm	
Interior dimensions (WxDxH)	560x680x1430 mm	
Gross volume / Net volume	550 L / 467 L	

Technical data

Power supply	220-240 V / 50 Hz	
Input power	190 W / 0,83 A	
Cooling power	431 W	
Refrigerant fluid	R290	

Operation

Cooling system	Forced-draft	
Defrost	Automatic	
Electronic controller interface	7" Touch-screen	
Battery (72 h back-up)	Yes	
Power failure alarm	Yes	
Warning signal	Visual and audible	
Volt-free (dry contact)	Yes	

Cabinet finishing

External	304-grade stainless steel	
Internal	304-grade stainless steel	
Door	Stainless steel	Glazed door

Connectivity

Connectivity type	Wi-Fi	
Connectivity solution	Dialog IoT	

Additional features

Internal LED lighting	Yes	
Interior fitting	4 wire shelves	
Shelves material	Plastic-coated steel	
Usable area in mm (WxD)	650x530 mm	
Max. load (per grid shelf)	30 kg	
Castors	Yes	
Lock	Yes	
Access port	1 x Ø 27 mm	
Door hinges	Right hinges (reversible)	



ACWS-550 Lab

Acura Refrigerator White

ACWG-550 Lab

Acura Refrigerator White Glazed Door

Specifications

Set operating temperature	+5 °C	
Temperature range	+2 °C to +16 °C	
Ambient temperature range	+10 °C to +40 °C	
Gradient	2 °C	3 °C
Exterior dimensions (WxDxH)	720x850x2040 mm	
Interior dimensions (WxDxH)	560x680x1430 mm	
Gross volume / Net volume	550 L / 467 L	

Technical data

Power supply	220-240 V / 50 Hz	
Input power	190 W / 0,83 A	
Cooling power	431 W	
Refrigerant fluid	R290	

Operation

Cooling system	Forced-draft	
Defrost	Automatic	
Electronic controller interface	7" Touch-screen	
Battery (72 h back-up)	Yes	
Power failure alarm Warning signal	Yes	
Warning signal	Visual and audible	
Volt-free (dry contact)	Yes	

Cabinet finishing

External	White galvanized steel	
Internal	304-grade stainless steel	
Door	White	Glazed door

Connectivity

Connectivity type	Wi-Fi	
Connectivity solution	Dialog IoT	

Additional features

Internal LED lighting	Yes	
Interior fitting	4 wire shelves	
Shelves material	Plastic-coated steel	
Usable area in mm (WxD)	650x530 mm	
Max. load (per grid shelf)	30 kg	
Castors	Yes	
Lock	Yes	
Access port	1 x Ø 27 mm	
Door hinges	Right hinges (reversible)	

Laboratorial refrigeration

Laboratorial refrigeration