



## Hotpack Stability Chambers

## Over 100 Years of Expertise in Controlled Testing Environments

Building on SP Hotpack's reputation for reliability and customer satisfaction, these stability chambers represent the ultimate in quality craftsmanship. High quality, corrosion resistant design allows for continuous use without fear of failure or downtime. Temperature and humidity are precisely controlled to meet ICH and other testing standards.

- Fully ICH compatible
- Portable and self-contained
- Durable painted stainless steel exterior
- Stainless steel interior, exterior, and shelves withstand the corrosive environment of high humidity testing



## Reach-in Stability Chambers

SP Hotpack chambers are quality engineered to ensure long life and reliable performance

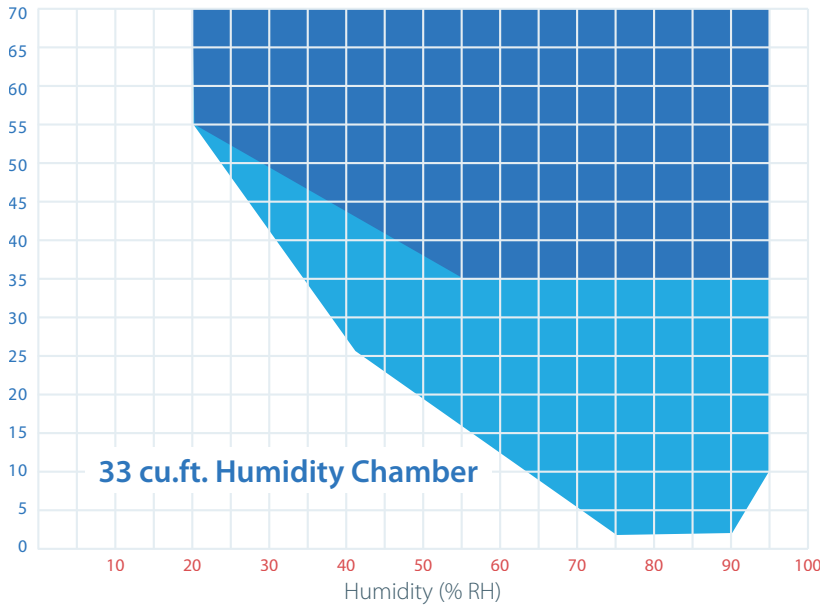
- Corrosion resistant stainless steel construction
- Heliarc-welded chamber seams
- Fireproof, non-hygroscopic glass wool insulation, which is impervious to corrosive vapors and fumes

Robust controls ensure precise temperature and humidity control inside the chamber.

### Typical Applications

- ICH stability testing
- Industrial and laboratory testing
- Environmental testing
- Material testing
- MIL-SPEC applications
- Shelf life testing
- Long-term storage





Achievable humidity settings are closely dependent on ambient conditions. Lower humidity may be achieved with accessory compressed air dehumidification system.

**Model: 33HA**

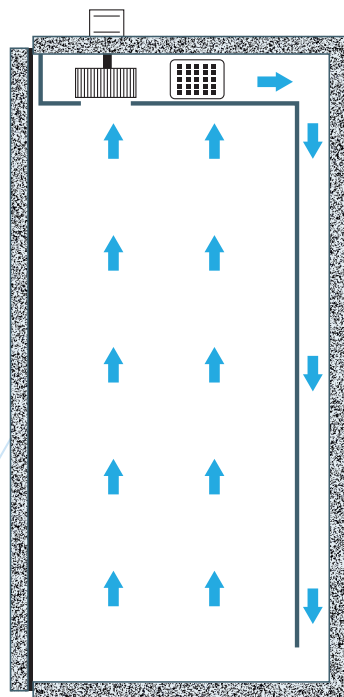
Ambient conditions 25° C/50% RH

No Refrigeration

**Model: 33HR**

Ambient conditions 25° C/50% RH

with Refrigeration



Quadraflow™ Rear Plenum Airflow Design

## 33 Cubic Foot Chambers

- Unique Quadraflow™ convection system for temperature control and uniformity
- Rear wall plenum design ensures all areas are refreshed constantly allowing rapid recovery after door openings
- Vapor generator heater (humidifier) located outside of the chamber to prevent corrosion
- 4 adjustable shelves included (holds up to 19 shelves)
- Castors standard

### Site Requirements and Specifications

- Electrical requirements: 230v-1ph-60Hz
- Humidification system requires a drain and DI water source (resistivity 50k to 1 MΩ, pH > 6.5, silica < 10ppm)
- If only tap water is available, SP Hotpack offers an accessory wall-mounted DI water assembly
- Exterior dimensions (W x D x H): 40" x 34" x 92"
- Interior useable chamber dimensions: (W x D x H): 36" x 26" x 65"

## SP Hotpack Chamber Models

Model Number	Temperature Range	Humidity Range*	Stainless Steel Grade
HP-33TA	35 - 70 °C	n/a	304
HP-33TR	2 - 70 °C	n/a	304
HP-33HA	35 - 70 °C	20 - 96% RH	304
HP-33HR	2 - 70 °C	20 - 96% RH	304
HP-33FT	35 - 70 °C	20 - 96% RH	316L

\* See Temperature/Humidity charts for details on achievable set points

Please note: Models HP-33TA, HP-33HA, and HP-33FT available in 115V version upon request

## Chamber Accessories

Part Number	Description
9133210	Additional stainless steel solid shelf
300205	Single pen 10" electronic chart recorder
300204	Two-pen 10" electronic chart recorder
PORT2	Access Port, 2" O.D.
300086	Interior 115V vapor proof duplex outlet - maximum 3 amps
9330211	Wall-mounted DI water assembly (includes 2 replaceable resin packs & 2 regeneration coupons)
438599	Compressed air dehumidifier for operating at lower RH levels (10% RH max low)
333501	Retransmit control upgrade
300810	RS485 control upgrade

### Contact SP:

#### Corporate Headquarters

SP Scientific Products  
 935 Mearns Road  
 Warminster, PA18974 USA  
 Toll Free: (800) 523-2327  
 Local: (215) 672-7800  
[hello@spindustries.com](mailto:hello@spindustries.com)

[www.scientificproducts.com](http://www.scientificproducts.com)

