

REFRIGERATED AUTOCAROUSEL HD: Standard Model Specifications

SAFETY	HD-10RF	HD-10XNRF	HD-12RF	HD-14RF	HD-16RF	HD-12N	HD-12XN
Emergency backup motor w/ foot pedal	Yes	Yes	Yes	Yes	Yes	Yes	Yes
E-stop Touch Bar	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Infrared Photo Eyes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Access Panel Interlock Switch	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FEATURES	HD-10RF	HD-10XNRF	HD-12RF	HD-14RF	HD-16RF	HD-12N	HD-12XN
Color	Grey	Grey	Grey	Grey	Grey	Grey	Grey
Work Surface (Pick Window)	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Lockable Pick Window	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Centrally located Operator Interface	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Control Interface (type)	RS-232 Serial	RS-232 Serial	RS-232 Serial	RS-232 Serial	RS-232 Serial	RS-232 Serial	RS-232 Serial
Operator Display	Ergatron Arm, Right Side	Ergatron Arm, Right Side	Ergatron Arm, Right Side	Ergatron Arm, Right Side	Ergatron Arm, Right Side	Ergatron Arm, Right Side	Ergatron Arm, Right Side
Operator Lighting	LED	LED	LED	LED	LED	LED	LED
Frame - modular design	Yes	Yes	Yes	Yes	Yes	Yes	Yes
OPERATION	HD-10RF	HD-10XNRF	HD-12RF	HD-14RF	HD-16RF	HD-12N	HD-12XN
Speed (inches / second)	5.21	5.21	5.21	5.21	5.21	5.21	5.21
Average Access Time (1/4 revolution of carousel)	5.75 sec	5.75 sec	6.91 sec	8.07 sec	9.23 sec	6.91 sec	6.91 sec
Maximum Imbalance Load	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
Drive Type (horsepower)	3	3	3	3	3	3	3
Standard Temperature	-20°F (-7°C)	-20°F (-7°C)	-20°F (-7°C)	-20°F (-7°C)	-20°F (-7°C)	-20°F (-7°C)	-20°F (-7°C)
Mini-Environment Temperature	-34°F (1°C)	-34°F (1°C)	-34°F (1°C)	-34°F (1°C)	-34°F (1°C)	-34°F (1°C)	-34°F (1°C)
POWER REQUIREMENTS	HD-10RF	HD-12RF	HD-14RF	HD-16RF	HD-14SXL	HD-12N	HD-12XN
Main Power	1-phase 208-240V 20amp (include neutral and ground)	1-phase 208-240V 20amp (include neutral and ground)	1-phase 208-240V 20amp (include neutral and ground)	1-phase 208-240V 20amp (include neutral and ground)	1-phase 208-240V 20amp (include neutral and ground)	1-phase 208-240V 20amp (include neutral and ground)	1-phase 208-240V 20amp (include neutral and ground)
Power Requirements duplex & Quad	120 @ 20amp	120 @ 20amp	120 @ 20amp	120 @ 20amp	120 @ 20amp	120 @ 20amp	120 @ 20amp
Duty Cycle	100%	100%	100%	100%	100%	100%	100%
BTU (max)	1908	1908	1908	1908	1908	1908	1908

TALYST®



REFRIGERATED AUTOCAROUSEL HD

Specification Sheet

The Refrigerated AutoCarousel® HD is a secure, automated storage and pharmacy-grade refrigeration system that ensures your medications are kept at a safe temperature.

The refrigerated AutoCarousel® HD allows you to consolidate refrigerated medications as part of your comprehensive, integrated pharmacy inventory system. The refrigerated carousel technology is designed around reliability, ease of use and flexibility. The technology is ideal for health systems that need to store items in a temperature controlled environment.

Improved Patient Safety

- Supports barcode confirmation of all stocking, picking, and dispensing for increased patient safety
- Enables comprehensive, accurate tracking and control of all stored items
- Provides enhanced security with physical barriers and password-protected access

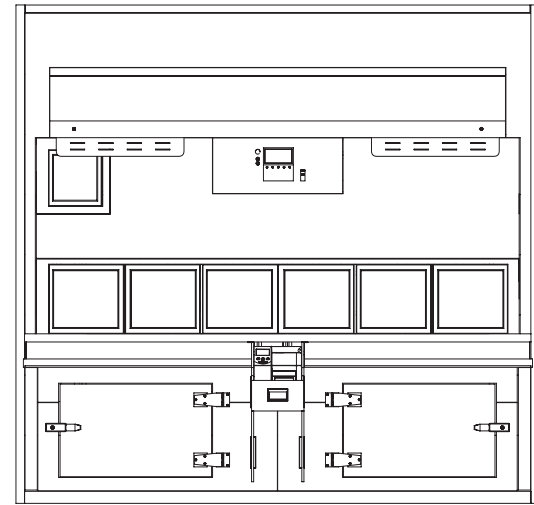
Precise Control and Access

- On-site assembly and modular design enables delivery and placement in tight clearances
- Allows emergency access to all medications at all times within the carousel
- A range of security and restricted access options

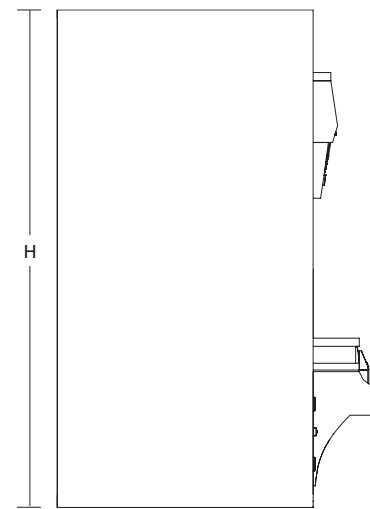
Enhanced Efficiency

- Mini-environment refrigeration to 34° F/ +1° C to reduce energy costs
- Allows you to reclaim pharmacy space by decreasing your required storage space by 30-50%
- Increase inventory accuracy virtually up to 99.9% and improves productivity up to 66%

REFRIGERATED AUTOCAROUSEL HD: Dimensions



W
[front view]



H
D w/o Counter
D w/ Counter
[side view]

NOTE: For complete dimensions refer to dimensions chart.

REFRIGERATED AUTOCAROUSEL HD: Standard Model Specifications

DIMENSIONS	HD-10RF	HD-10XNRF	HD-12RF	HD-14RF	HD-16RF	HD-12N	HD-12XN
Height (H)	98.2"	140"	115.2"	121.2"	134.22"	110.2"	104.1"
Width (W)	151.6"	133.5"	151.6"	151.6"	151.6"	131.92"	125.5"
Depth w/o Work Counter	74"	78"	74"	74"	74"	74"	61.5"
Depth w/ Work Counter	98.75"	90"	98.75"	98.75"	98.75"	98.75"	77.25"
Counter Height	40"	40"	40"	40"	40"	40"	40"
Carousel Weight unloaded	5051 lbs	6751 lbs	5630 lbs	6299 lbs	6879 lbs	5159 lbs	3793 lbs
Carousel Weight at max load	9451 lbs	11151 lbs	10910 lbs	12459 lbs	13919 lbs	10439 lbs	9073 lbs
Occupied floor space	85 sq ft	72.3 sq ft	85 sq ft	85 sq ft	85 sq ft	62 sq ft	57 sq ft

STORAGE CAPACITY	HD-10RF	HD-10XNRF	HD-12RF	HD-14RF	HD-16RF	HD-12N	HD-12XN
Number of Pans	10	10	12	14	16	12	12
Number of Shelves	20	20	24	28	32	24	24
Carrier Spacing (Pitch)	12"	12"	12"	12"	12"	12"	12"
Useable Height per Pan	9.84"	9.84"	9.84"	9.84"	9.84"	9.84"	9.84"
Useable Width per Pan	119.69"	90.55"	119.69"	119.69"	119.69"	100.0"	90.55"
Useable Depth per Pan	24.41"	18.5"	24.41"	24.41"	24.41"	24.41"	18.5"
Maximum Load per Pan	440 lbs	440 lbs	440 lbs	440 lbs	440 lbs	440 lbs	440 lbs
Useable Width per Shelf	119.69"	90.55"	119.69"	119.69"	119.69"	100.0"	90.55"
Useable Depth per Shelf	24.41"	18.5"	24.41"	24.41"	24.41"	24.41"	18.5"
Useable Unit Cube / Carousel	166.7 cubic ft	95.4 cubic ft	199.9 cubic ft	233.0 cubic ft	266.2 cubic ft	167.0 cubic ft	114.4 cubic ft
Storage Area per carousel	405.8 sq ft	232.6 sq ft	486.9 sq ft	568.0 sq ft	649.3 sq ft	406.8 sq ft	279.2 st ft

BINS & DIVIDERS	HD-10RF	HD-10XNRF	HD-12RF	HD-14RF	HD-16RF	HD-12N	HD-12XN
Bin -Arca Tote A - Narrow: 15.7" x 4.5" x 3.9"	-	172	-	-	-	-	195
Arca Tote A - Wide: 15.7" x 9.1" x 3.9"	-	120	-	-	-	-	150
Arca Tote B - Narrow: 23.6" x 4.5" x 3.9"	201	-	249	278	332	234	-
Arca Tote B - Wide: 23.6" x 9.1" x 3.9"	162	-	195	234	260	154	-
Narrow Bin Divider: 4.5"	804	688	996	112	1328	936	819
Wide Bin Divider: 9.1"	486	360	585	702	780	462	417
Total equivalent NDC compartments	1653	1340	2025	2326	2700	1786	1575

NOTE: Dimensions are approximate. A site survey will be required for final carousel dimensions. The site survey will also confirm there are no physical obstructions that would affect installation.