



KRYOFRYSAR ÖCH BEHÅLLARE

STRANDMØLLEN



Innehåll

4	Liquid Dewar Series, LD Series
6	Extended Time Series, XT Series
8	Cryo, K Series
9	Accessories - Tillbehör
12	Förvaring och transport av flytande kväve
13	Säkerhet vid arbete med flytande kväve
14	Laboratory Systems Series, LS Series
16	High Capacity Series, HC Series
18	Cryo Storage Biobanking, Labs Series
20	Cryo Exchange Serice, CX & CXR Series
22	Al Shielded Storage

Liquid Dewar Series



LD Series

The LD Series of cryogenic dewars are designed for storing and dispensing small amounts of liquid nitrogen. The series includes a beaker style dewar with a wide mouth (5LD) and pitcher-style model for easy pouring (LD4).

Features

- High performance modern construction and advanced insulation materials assure high thermal efficiency
- New rugged construction, ribbed high strength aluminum body, magniformed necktube design, and more durable paint system
- Easy operation lightweight snap-on cap and necktube assures tight closure and easy access, convenient larger handles
- Superior vacuum performance with super insulation provides maximum holding times
- Optional equipment includes liquid withdrawal device, tipping stand, dippers and roller base (for larger models)

MODEL		LD4	5LD	LD10	LD25	CLASSIC-25	LD35	LD50
Static Holding Days		10	6	45	109	119	152	122
Evaporation Rate	liters/days	0.40	0.77	0.22	0.23	0.21	0.23	0.41
Liquid Nitrogen Capacity	- liters	4	5	10	25	25	35	50
Weight Empty	lbs. kg.	6.6 3.0	6.9 3.1	14.5 6.6	23.2 10.5	19 8.6	35.1 16.0	38.7 17.6
Weight Full	lbs. kg.	13.7 6.2	15.8 7.2	32.3 14.7	67.7 30.8	63.5 28.9	97.4 44.3	127.7 58.0
Neck Diameter	in. mm.	1.2 30	5.6 142	2.0 51	2.5 64	2.0 51	2.5 64	2.5 64
Overall Height	in. mm.	17.0 432	17.5 445	23.5 597	25.8 655	22.9 582	26.3 668	32.4 823
Overall Diameter	in. mm.	7.6 193	7.6 193	11.4 290	15.6 396	15.5 394	18.8 475	18.8 475
Liquid Withdrawal Device	P/N	N/A	N/A	N/A	366597	N/A	366597	366597
Roller Base	P/N	N/A	N/A	N/A	366742	366577	366783	366783
Tipping Stand	P/N	N/A	N/A	N/A	366582	N/A	N/A	N/A
Dipper	P/N	N/A	366744	366744	366744	366744	366744	366744



LD25 with Roller Base (P/N 366742) and Liquid Withdrawal Device (P/N 366597).

Extended Time Series



XT Series

The Extended Time (XT) Series of cryogenic refrigerators are designed for long-term storage of a variety of materials at cryogenic temperatures. This series also offers low profile models (XTL), with 5" (127 mm) canisters.

Features

- New Rugged Construction – ribbed high strength aluminum body, magneformed necktube design, and more durable paint
- Versatile storage system – convenient canister numbered index location ring and tapered internal canister locator
- Superior vacuum performance with super insulation provides maximum holding times
- Security – Accessory low-level alarm is available with remote connection capability on larger models
- Lockable lids (except for XT10)
- Mobility – Roller bases are available for some models



MODEL		XTL3	XTL8	XT10	XT20	XT34
Static Holding Days		27	80	100	230	340
Working Time days		17	50	62	140	212
Evaporation Rate liters/days		0.11	0.10	0.10	0.09	0.10
Liquid Nitrogen Capacity - liters		3	8	10	20.7	34
Weight Empty	lbs. kg.	7.2 3.3	19.6 8.9	16.5 7.5	26 11.8	34.75 15.8
Weight Full	lbs. kg.	12.5 5.7	33.8 15.4	34.3 15.6	62.8 28.6	95.3 43.3
Neck Diameter	in. mm.	2.0 51	2.0 51	2.0 51	2.0 51	2.0 51
Overall Height	in. mm.	17.2 437	19 483	23.8 597	25.8 655	26.3 668
Overall Diameter	in. mm.	7.6 193	15.6 396	11.4 290	15.6 396	18.8 478
Number of Canisters		6	6	6	6	6
Canister Dimensions	in. mm.	1.5x5 38x127	1.5x5 38x127	1.5x11 38x279	1.5x11 38x279	1.5x11 38x279
Number of 1.2 ml & 2.0 ml vials (5/cane)		N/A	N/A	150	150	150
Number of 1.2 ml & 2.0 ml vials (6/cane)		N/A	N/A	180	180	180
Number of 1/2 cc straws - (10 per cane)		N/A	N/A	540	540	540
Number of 1/2 cc straws - Bulk (1 level)		750	750	N/A	750	750
Number of 1/2 cc straws - Bulk (2 levels)		N/A	N/A	1500	1500	1500
Roller Base		N/A	366742	N/A	366742	366783
Low Level Alarm		N/A	N/A	N/A	366786	366786

Reliable and Efficient Cryo Storage



K Series

Worthington Industries' K Series cryogenic systems offer reliable and efficient liquid nitrogen storage and easy access to stored product. Featuring the safety of electronic controllers that monitor and manage liquid level, temperature, and a full array of alarms, the K Series freezers provide solutions to either liquid or vapor phase storage requirements.

Features

- Suitable for vapor* or liquid storage
- Intuitive touch controls
- Stainless Steel vacuum vessel
- Modular design
- Durable powder coated cabinet
- Caster mounted
- Superior vacuum performance
- Optional step for 38K
- Various blood bag sizes and capacity details are available upon request



*When using a 10K for vapor phase storage, we recommend using aluminum storage racks.

MODEL		3K	10K	24K	38K
Static Holding Days		19	33	52	74
Working Time days		12	N/A	N/A	N/A
Evaporation Rate liters/days		2.5	5.0	7.0	8.0
Liquid Nitrogen Capacity - liters		48	165	365	590
Weight Empty	lbs. kg.	42.0 19.1	245 111	405 184	565 256
Weight Full	lbs. kg.	125 56.7	537 243	1046 474	1616 733
Neck Diameter	in. mm.	14.0 356	21.0 533	31.0 787	39.0 991
Overall Height	in. mm.	29.7 754	44.0 111.8	44.0 111.8	49.0 1245
Overall Dimensions	in. mm.	15.4 391	23.1x30.5 587x775	34.0x38.5 864x965	42.0 1067
Usable Height - Internal	in. mm.	19.2 488	29.0 737	29.0 737	29.0 737
Internal Diameter	in. mm.	14.0 356	21.0 533	31.0 787	39.0 991

CAPACITY	3K	10K	24K	38K
2 ml Plastic Vials	3024	10400	24050	38350
Number of 100/81 Cell Racks	N/A	7	17	28
Number of 25 Cell Racks	N/A	4	6	6
Number of Shelves	N/A	13	13	13
Box Size Shape in. mm. Vials per box	Triangle 6.75x6.87 171x175 56	Square 5x5 127x127 100	Square 3x3 76x76 25	
0.50cc straws, 10 per goblet, 2-13mm goblets per can, two tier turn-table inventory control system	N/A	44000	59400	114000
Roller Base	366742	N/A	N/A	N/A

Accessories

Transfer Hoses

Standard transfer hoses are constructed of flexible stainless steel suitable for the transfer of cryogenic fluids and are available in 4 ft. (1.2 m) or 6 ft. (1.8 m) lengths. Hoses are fitted with a 3/8 in. NPT male fitting and a CGA295 female fitting, or a CGA295/CGA295 female fitting. Vacuum-Jacketed hoses are also available.

4' (1.2m) - CGA295 x 3/8" MNPT P/N 367112

6' (1.8m) - CGA295 x 3/8" MNPT P/N 367111

6' (1.8m) - CGA295 x CGA295 P/N 367720

4' (1.2m) - VJ Super Flex, 1/2" Swivel both ends, P/N 367882

6' (1.8m) - VJ Super Flex, 1/2" Swivel both ends, P/N 367883

6' (3.0m) - VJ Super Flex, 1/2" Swivel both ends, P/N 367884

Cryogenic Phase Separators

Designed to minimize hazardous splashing, phase separators are available in three different sizes to accommodate transferring liquids into various open containers. The two larger phase separators are designed to fit the 3/8" MNPT end of the transfer hoses.

2 3/4" (69.9 mm) x 1 3/8" (34.9 mm) OD, 3/8" FNPT P/N 367076

1 1/4" (31.8 mm) x 1" (25.4 mm) OD, 3/8" FNPT P/N 367077

1 1/2" (38.1 mm) x 1/2" (12.5 mm) OD, 1/8" FNPT P/N 367078

Cryo-Sentry Low Level Alarm

Providing security for valuable biological samples, the low level alarm will provide a visual alarm, an audible alarm and a relay output when the liquid nitrogen in the vessel needs to be replenished. The alarm offers an optional remote alarm plug, which can be attached to a dialer or monitoring system to advise of an alarm when the lab is unattended. Recommended for stored product protection. Operates using global 9VDC Wall Transformer or AA batteries. For use with XT20, XT34, HC20, HC34, HC35, VHC35, VHC38, LS750, LS3000, LS4800, LS6000, AI21 and TORO vessels.





Roller Base & Tipping Stand

The sturdy aluminum, five caster roller base enables movement of refrigerators and dewars easily and safely. Choose from three sizes to fit either the 15.6 in. (396 mm) dia., 18.8 in (478 mm) dia., or the 26.7 in (678 mm) dia. units. The tipping stand for the LD25 provides mobility and assists in transferring liquid nitrogen. Both include lockable casters.



Liquid Withdrawal Device

The Liquid Withdrawal Device enables the LD25, LD35 and the LD50 to conveniently pressure-transfer liquid nitrogen at rates up to 8 liters per minute. The low pressure (10 psig / 0.7 bar) assures safe dispensing through a phase separator or an accessory transfer hose. Model 80 phase separator comes standard with this device. P/N 366597.



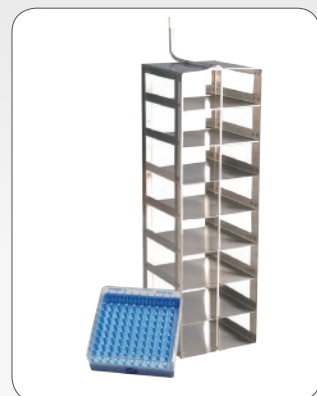
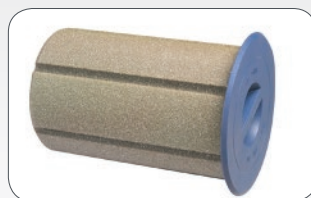
Dippers & Measuring Rods

Safe and convenient LN_2 dipper available. Dipper capacity of 0.7 cubic inches (12 cc). The low conducting measuring rod will clearly show the LN_2 level of a dewar in inches and centimeters.

Dipper	P/N 366744
Measuring Rod (36")	P/N 366784
Measuring Rod (48")	P/N 367656

Also Available:

- Replacement Canisters and Neck Tube cores
- Racks and Boxes



Förvaring och transport av flytande kväve

The all-purpose gas transport, storage and supply vessels for laboratories, hospitals, universities and other low-pressure liquid users.

Easy to Use

- Ideal for transport, storage and dispensing of cryogenic liquids
- Easy to maneuver caster bases on many models
- All valves and instruments within easy reach and visibility
- Stable center of gravity

Superior Performance

- Low evaporation rate and high durability
- Optional pressure building system for high or continuous withdrawal rates
- Extended-stem liquid valve to reduce ice formation



Model		120/4 SB	180/4	230/4 RB	230/4 SB	600/8	1000/8
Capacity							
Liquid (gross)	(liters)	120	196	240	240	673	993
Liquid (net)	(liters)	114	186	228	228	639	943
Performance							
NER**** (N ₂)	(% per day)	2	1,9	1,8	1,8	1,6	1,5
Dimensions							
Tank Diameter	(mm)	508	508	660	660	965	1067
Base Dimensions	(mm)	650 x 675	508	660	715 x 715	1030x1030	1130x1130
Type of Base		square	round	round	square	pallet	pallet
		caster-base	footring	caster-base	caster-base	frame	frame
Tank Height	(mm)	1290	1613	1391	1391	1915	2165
Tank Empty Weight	(kg)	94	109	125	143	550	720

Säkerhet vid arbete med flytande kväve och andra flytande gaser



Inandning

Vid otillräcklig ventilation: Använd andningsmask som är fristående.

Händer

Rekommenderas: läderhandskar.



Ögon

Använd skyddsglasögon/ansiktsvisir.

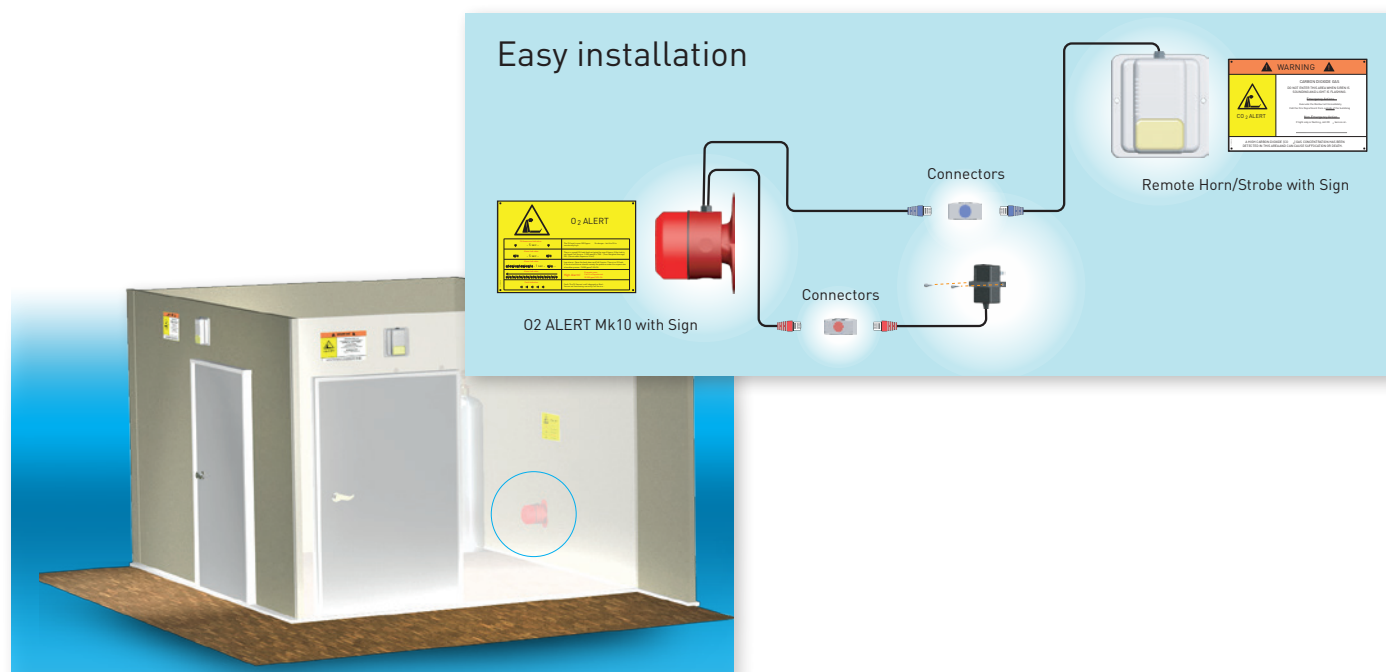


Hud och kropp

Använd skyddsskor och säkerhetsförkläde vid hantering av flaskor.

Syrealarm och kvävningsrisk

I förråd eller där större arbete med flytande kväve och andra flytande gaser sker, bör det alltid installeras mätare för syrgasnivån i den specifika lokalen. I intilliggande lokaler bör det finnas både ljud och visuella larm vid syrebrist.



Features

- LS Series is suitable for liquid or vapor phase storage. In vapor phase storage, temperature at the top of the racks is -190°C.
- Rugged Construction – ribbed high strength aluminum body, magneformed necktube design, and more durable paint system
- Convenient Storage Systems – rack index location ring and internal location fixture, computer compatible box storage is ideal for simple inventory management
- Superior vacuum performance with super insulation provides maximum holding times
- Security – Accessory low-level alarm is available with remote connection capability
- Lockable lids
- Mobility - Roller bases are available



MODEL		LS750	LS3000	LS4800	LS6000
Static Holding Days		130	106	153	194
Working Time days		80	66	96	120
Evaporation Rate liters/days		0.27	0.76	0.85	0.84
Liquid Nitrogen Capacity - liters		35	81	130	165
Weight Empty	lbs. kg.	39 17.7	70 31.8	90 40.9	121 55.0
Weight Full	lbs. kg.	101.3 46.0	214.2 97.4	312.4 146.1	410.0 186.4
Neck Diameter	in. mm.	4.7 119	8.5 216	8.5 216	8.5 216
Overall Height	in. mm.	26.8 681	28.8 731	35.1 892	39.0 991
Overall Diameter	in. mm.	18.8 478	26.9 683	26.9 683	26.9 683
Number of Racks		6	6	6	6
Number of Shelves/Rack		5	5	8	10
2 ml Vial Capacity		750	3000	4800	6000
Box Size - Shape		Square	Square	Square	Square
Size in.		3.0 x 3.0	5.0 x 5.0	5.0 x 5.0	5.0 x 5.0
Size mm.		76x76	127x127	127x127	127x127
Vials per box		25	100	100	100
Roller Base		366783	366864	366864	366864
Cryo-Sentry Level Alarm		366833	366644	366867	366658

High Capacity Series



HC Series

The High Capacity (HC) Series of refrigerators are designed for storing large quantities of a variety of materials at cryogenic temperatures. Provides temperatures of -196°C at the liquid surface, and -190°C at the top of the canisters. This series also offers a low-profile model (HCL12) with 5-inch (125 mm) canisters.

Features

- Large storage capacity
- Rugged Construction – ribbed high strength aluminum body, magneformed necktube design, and more durable paint
- Numbered index ring and tapered internal canister locator.
- Superior vacuum performance with superinsulation provides maximum holding times
- Security – Lockable lid and optional low level alarm with remote connection available
- Mobility – Roller bases are available for all models



MODEL		HCL12	HC20	HC34	HC35	VHC35	VHC38
Static Holding Days		60	87	200	130	130	120
Working Time days		37	54	125	81	81	75
Evaporation Rate liters/days		0.20	0.23	0.17	0.27	0.27	0.31
Liquid Nitrogen Capacity - liters		12	20	34	35	35	38
Weight Empty	lbs. kg.	21.6 9.8	26.4 12.0	35.38 16.1	39 17.7	37.9 17.2	38.2 17.3
Weight Full	lbs. kg.	43.0 19.5	62.0 28.2	95.9 43.6	101.3 46.0	100.2 45.5	104.7 47.5
Neck Diameter	in. mm.	3.6 91	3.6 91	3.6 91	4.7 119	4.7 119	5.0 127
Overall Height	in. mm.	19.0 482	24.25 615	26.31 668	26.8 681	26.8 681	26.8 681
Overall Diameter	in. mm.	15.6 396	15.6 396	18.8 478	18.8 478	18.8 478	18.8 478
Number of Canisters		6	6	6	10	6	6
Canister Dimensions		2.75x5 70x127	2.75x11 70x279	2.75x11 70x279	2.64x11 67x279	3.7x11 94x279	4.13x11 105x279
Number of 1.2 ml & 2.0 ml vials (5/cane)		N/A	570	570	850	1050	1260
Number of 1.2 ml & 2.0 ml vials (6/cane)		N/A	684	684	1020	1260	1512
Number of 1/2 cc straws - (10 per cane)		N/A	1850	1850	2800	3000	3528
Number of 1/2 cc straws - Bulk (1 level)		2940	N/A	N/A	N/A	N/A	N/A
Number of 1/2 cc straws - Bulk (2 levels)		N/A	5880	5880	9800	9900	11520
7th Canister		N/A	N/A	N/A	N/A	R036-9C27	R038-9C28
Roller Base		366742	366742	366783	366783	366783	366783
Cryo-Sentry Level Alarm		N/A	366815	366815	366845	366833	369628

Cryo Storage in Biobanking



Labs- Series: State-of-the art engineering design featuring:

High efficiency – very low LN₂ consumption

- LN₂ storage in either liquid or vapor phase
- Near LN₂ temperatures maintained at top of inventory storage system for overall sample viability

Single pivot point aluminium turntable design - smooth rotation and ergonomic use

- Eliminates any mechanical component maintenance
- Full height, segmented and labeled turntable provides easy inventory storage access and management
- Convenient access to measure LN₂ level

Hinged lid and stainless steel table top – easy operation with a convenient working surface

- The lid includes locking capabilities and activates an automatic defog for quick viewing of inventory storage
- The table top provides a working surface and provides protection to electrical and plumbing components

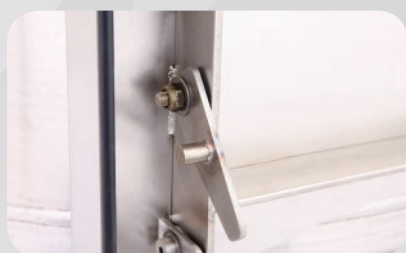
Enhanced and intuitive controller technology:

- Discrete thermistor level measurement and thermocouple temperature resolution within 0.1°C
- Capabilities for data collection, event scheduling and enhanced security settings
- Second access point for monitoring temperature

Features



Integral folding step with slip-resistant surface



All units include a mechanical step lock for securing the step when stowed



Flexible Fill Hose with 1.27 cm I.D. includes dual swivel connectors and a 3/8" male NPT adaptor included with purchase.

MODELS		20K	38K	40K	80K	94K
External Operating Height (Top of Step to Lid opening)	in. mm.	42 1067	44 1118	42 1067	42 1067	40 1016
Step Height	in. mm.	11 275	11.5 287.5	11/16.3 275/407.5	11/17 275/425	11/22 275/550
Height (Floor to Opening)	in. mm.	53 1346	56 1422	53 1346	53 1346	62 1575
Usable Height, Internal	in. mm.	30 762	30 762	30 762	30 762	35.3 897
Outside Diameter	in. mm.	34 864	42 1067	45 1143	59.5 1511	59.5 1511
Internal Working Diameter	in. mm.	29.5 750	38 965	40.5 1029	55 1397	55 1397
Neck Opening	in. mm.	13 330	18 457	18 457	24.5 622	24.5 622
Capacity Total LN ₂ Capacity (Liquid Storage) Total LN ₂ Capacity (Vapor Storage)	L. L.	371 36	623 73	698 80	1269 137	1595 300
Weight, Empty	lb. kg.	650 295	930 422	920 417	1550 703	1700 771
Maximum Gross Weight	lb. kg.	1311 595	2040 925	2164 981	3811 1729	4542 2060
Inventory Control System Specifications						
No. 100/81 Cell Racks No. Shelves/Rack		14 13	26 13	30 13	58 13	60 15
No. 25 Cell Racks No. Shelves/Rack		4 13	12 13	8 13	12 13	8 15
Vial Capacity, 2 ml		19500	37700	41600	79300	93000
Bag 25 ml (7 Level Rack)		1624	2688	3108	5999	6856
Bag 50 ml (7 Level Rack)		924	1582	1876	3381	3864
Bag 250 ml (5 Level Rack)		500	900	990	1920	2304
Bag 500 ml (5 Level Rack)		420	690	830	1610	1932



Cryo Exchange Series

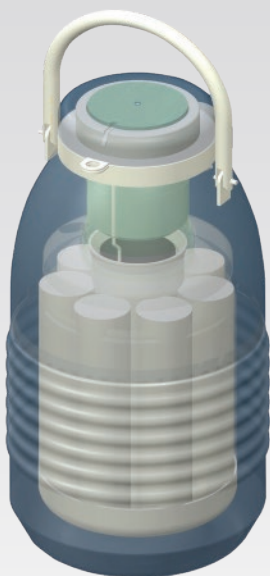


CX & CXR Series

Cryo Exchange [CX] Vapor Shippers are designed to safely transport a variety of materials at cryogenic temperatures. The unique adsorbent material prevents a liquid spill if the unit is tipped over. Storage temperature inside the shipping chamber remains at approximately -190°C until the liquid nitrogen evaporates from the adsorbent material.

Features

- Advanced Concept Adsorbent enables faster charging
- Complies with IATA regulations for open cryogenic receptacles
- Rugged construction includes – dependable, stronger necktube design, ribbed high strength aluminum body, and durable paint system
- Superior vacuum performance with super insulation provides maximum holding times
- Optional storage accessories include a five shelf rack box system and Blood Bag rack for the CXR500
- Temperature loggers are available for all models
- Lockable lids



MODEL		CX100	CXR100	CXR500
Static Holding Days		22	16	11
Working Time days		17	11	7
Evaporation Rate liters/days		0.19	0.23	0.64
Liquid Nitrogen Absorbed - liters		4.1	3.7	7
Weight Empty	lbs. kg.	11.7 5.3	11.7 5.3	30 13.6
Weight Full	lbs. kg.	19 8.6	18.3 8.3	42.5 19.3
Neck Diameter	in. mm.	2.78 71	3.58 91	8.5 216
Overall Height	in. mm.	18.4 467	19.4 493	26.9 693
Overall Diameter	in. mm.	9.2 234	9.2 234	15.5 391
Number of Canisters		1	1	N/A
Canister Dimensions	in. mm.	2.64x11.0 67x279	2.64x11.0 67x279	N/A N/A
Number of 1.2 ml & 2.0 ml vials (5/cane)		85	85	500
Number of 1.2 ml & 2.0 ml vials (6/cane)		102	102	500
Number of 1/2 straws (10/cane)		280	280	N/A
Number of 1/2 cc straws - Bulk (2 levels)		800	800	N/A

ACCESSORIES

Shelf Stainless Steel Rack (100 cell plastic box)	N/A	N/A	366650
Stainless Steel Blood Bag Rack	N/A	N/A	366543
Replaceable Adsorbent Kit	N/A	367556	367556
Spare Canister	366695	367541	N/A
Spare Necktube Core	366694	367565	366540
Poly Carb 100 Cell Box (case of 24)	N/A	N/A	366995
Round Black Shipping Case	367817	367817	367818
Square Grey Shipping Case	366548	366548	N/A

Al Shielded Storage

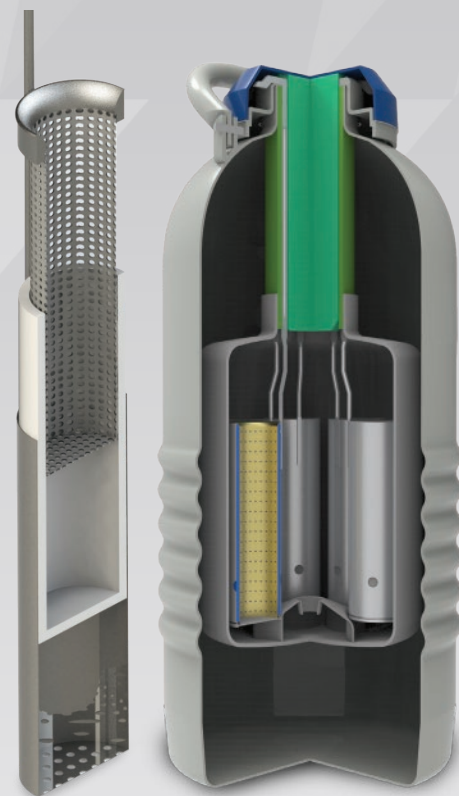
Reduce Artificial Insemination Failure. Protect Your Investment.

The Al Shield™ provides a new solution for protecting frozen bull semen from adverse temperature fluctuations common in removing the canister from traditional cryogenic refrigerators.

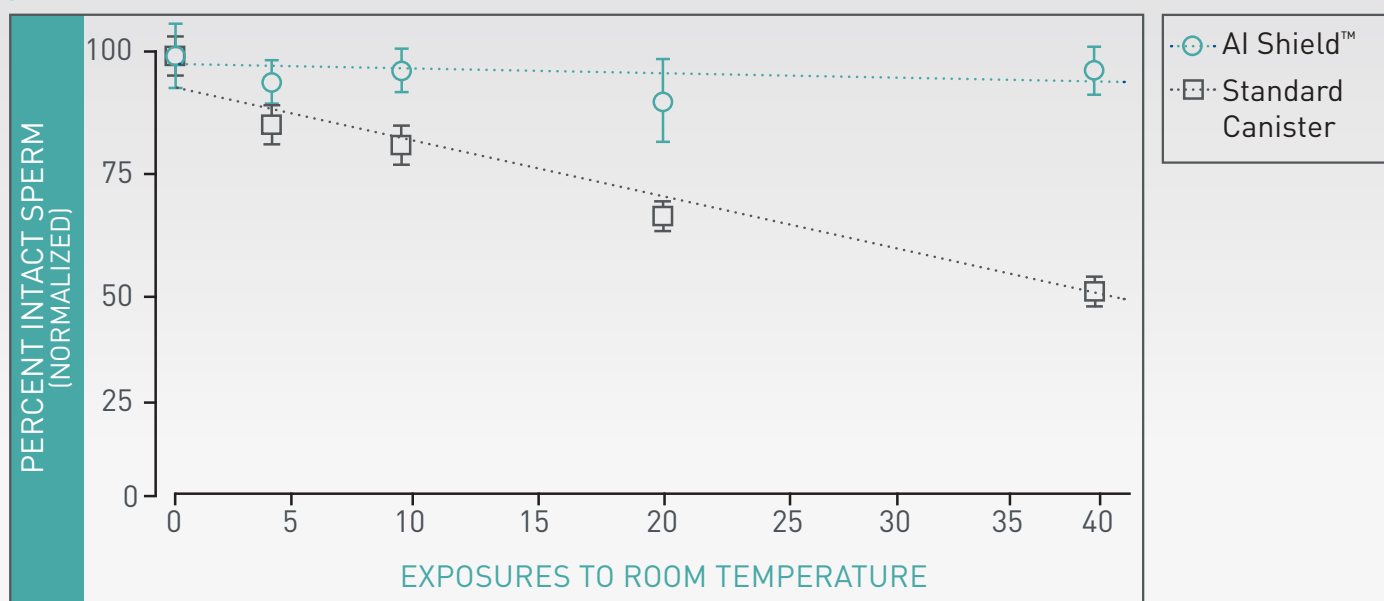
The innovative thermal protection guards against temperature swings for:

- Improved sample viability
- Higher conception rates
- Increased productivity

For more info, visit: WorthingtonIndustries.com/AlShield



Al Shield™ ensures thermal stability to protect viability of semen





AIS 1.5 and AIS 3

The AIS 1.5 and AIS 3 artificial insemination refrigerators, with the innovative AI Shield™ canister, provide longer hold times for extended-term storage at cryogenic temperatures, with the durability and performance needed under the most rugged conditions to protect your samples.

- Rugged—Lightweight ribbed aluminum exterior construction.
- Reliable—Designed and constructed to stringent specifications and the highest quality requirements.
- Secure—Innovative new canister protects from adverse temperature fluctuations when retrieving bull semen specimens.

For more information, visit WorthingtonIndustries.com/AIShield

MODEL	AIS3	AIS1.5
Capacity (Ltrs.)	3.5	1.5
Empty Weight (Kgs.)	3	1.8
Full Weight (Kgs.)	6	3
Neck Diameter (mm)	51	32
Outer Diameter (mm)	220	175
Total Height (mm)	460	375
Static Evaporation Loss Rate (Ltrs/day)	0.14	0.12
Static Holding Time (Days)	25	13
Canister O.D. (mm)	39	22
Canister Height (mm)	125	127
No. of Canisters (No.)	6	3
Straw Holding Capacity Single Level (0.5ml/0.25ml)	564/1272	36/81
Straw Holding Capacity Double Level (0.5ml/0.25ml)	NA	NA

Gas är inte bara gas

Det vet vi, för vi har producerat och sålt gas i 100 år.

Främst har vi verkat i Danmark, men sedan över 10 år tillbaka finns vi även i Sverige.

Framgångarna på den svenska marknaden har resulterat i en komplett luftgasfabrik i Ljungby, vilket gör oss klara att leverera gas även de kommande 100 åren.

Oavsett vilken bransch du arbetar inom, kan vi erbjuda dig alla typer av gaser, koncept, service och utrustning. Det kan våra goda referenser intyga.

Vårt stora kundregister spänner över i stort sett alla branscher, exempelvis:

- Stål- och verkstadsindustrin
- Hälso- och vårdsektorn
- Livsmedelsproduktion
- Laboratorier och forskning
- Processindustri

Vårt mål är att bli ditt förstaval av gasleverantör. Vår historiska expertis, tillsammans med både produktionsanläggning och luftgasfabrik, ger oss goda förutsättningar att lyckas.



STRANDMÖLLEN AB
Näsvägen 22
SE - 341 34 Ljungby

Tfn: 0372-155 40
Fax 0372-105 50

www.strandmollen.se
info@strandmollen.se

Org.nr. 556599-8480