

BD Pyxis[™] ES Refrigerator

Support medication safety and clinician efficiency

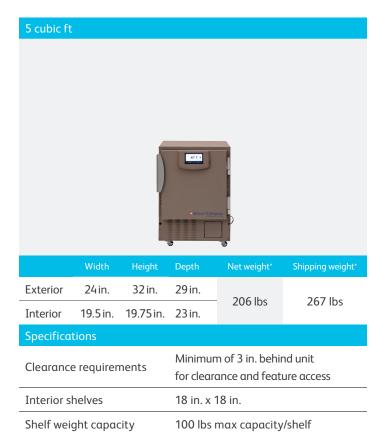
The BD Pyxis™ ES refrigerator is an integrated temperature management and refrigeration solution designed to help prevent medication errors, support clinical workflow efficiency and reduce waste. The refrigerator features secure locking bins that release when remotely accessed via the BD Pyxis™ MedStation™ ES system to help mitigate risk of diversion and medication errors. The BD Pyxis™ ES refrigerator is medical-grade and supports meeting CDC vaccine storage recommendations. Providing secure, single-line item access for controlled substances, high-alert and high-value medications, the BD Pyxis™ ES refrigerator enhances the capabilities of your connected medication management solution.





Solution specifications

Two standard sizes to accommodate capacity needs





Bin specifications

Two bin sizes to accommodate vials, syringes, IV bags and other medication dosage forms

Standard bins	Width	Height	Depth
Exterior	5.6 in.	2.36 in.	14.82 in.
Interior	4.85 in.	1.52 in.	12.57 in.
Deep bins	Width	Height	Depth
Exterior	5.64 in.	5.36 in.	14.82 in.
Interior	4.85 in.	4.52 in.	12.57 in.







Deep bins

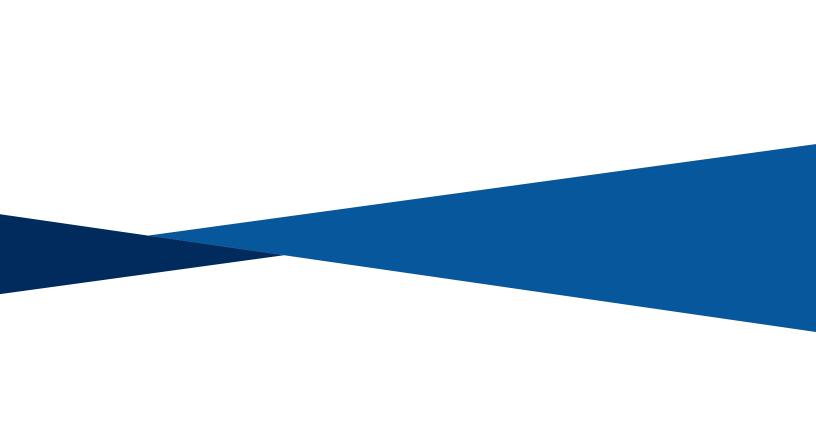
Configuration options

5 cubic ft		
# rows	# bins/type	# open shelves
0	0 bins	2
1	3 standard	2
1	3 deep	2
2	6 standard	2
2	6 deep	0
2	3 standard, 3 deep	1
3	9 standard	1
3	6 standard, 3 deep	0
4	12 standard	0
13 cubic ft		
# rows	# bins/type	# open shelves
2	6 standard	4
3	3 standard, 6 deep	3
4	9 standard, 3 deep	3
5	15 standard	3

Flexible 5 cubic ft and 13 cubic ft configuration options for storing multiple single-line items of refrigerated medications as well as open space

Additional specifications

Rating, electrical and performa	ınce
Temperature range	+36°F to +50°F (+2°C to +10°C)
Electrical power	115 V 60 Hz
Maximum current	1.4A I 0.85A
Building supply rating	15 amp dedicated ground circuit
Power plug/power cord length	NEMA 5–15 hospital grade plug (115 V) 8–10 ft
Certification/agency listing	QPS (certified to UL and CSA standards) EC/UL 610101-2-011 (Dec 2016)
Battery backup	Controller and communications to continue for 2 hrs (door will automatically unlock after 2 hours, but the drawers will remain locked)
Emergency access strip	Dual physical locks on the right side of bins
Keys	4 regular keys (backup battery and magnetic door lock) and 2 barrel keys (override)
Uniformity	+/-3.6°F (+/-2°C)
Set point	40°F (4.4°C)
Temperature probe	+/-1°F (+/-0.5°C)
Refrigeration	
Refrigeration system	Variable speed (VCC) compressor-based, forced-air
Refrigeration system Compressor	·
	forced-air
Compressor	forced-air Hermetic, VCC. Rated speed range: 1,300–4,000 rpm
Compressor Condenser type	forced-air Hermetic, VCC. Rated speed range: 1,300–4,000 rpm Air-cooled fin and tube, sealed
Compressor Condenser type Expansion device	forced-air Hermetic, VCC. Rated speed range: 1,300–4,000 rpm Air-cooled fin and tube, sealed Cap tube
Compressor Condenser type Expansion device Evaporator type	forced-air Hermetic, VCC. Rated speed range: 1,300–4,000 rpm Air-cooled fin and tube, sealed Cap tube Direct expansion with forced circulation fin and tube
Compressor Condenser type Expansion device Evaporator type Defrost method	forced-air Hermetic, VCC. Rated speed range: 1,300–4,000 rpm Air-cooled fin and tube, sealed Cap tube Direct expansion with forced circulation fin and tube Automatic
Compressor Condenser type Expansion device Evaporator type Defrost method Refrigerant charge	forced-air Hermetic, VCC. Rated speed range: 1,300–4,000 rpm Air-cooled fin and tube, sealed Cap tube Direct expansion with forced circulation fin and tube Automatic
Compressor Condenser type Expansion device Evaporator type Defrost method Refrigerant charge Construction	forced-air Hermetic, VCC. Rated speed range: 1,300–4,000 rpm Air-cooled fin and tube, sealed Cap tube Direct expansion with forced circulation fin and tube Automatic R600a, Isobutane, EPA SNAP compliant
Compressor Condenser type Expansion device Evaporator type Defrost method Refrigerant charge Construction ADA compatible	forced-air Hermetic, VCC. Rated speed range: 1,300–4,000 rpm Air-cooled fin and tube, sealed Cap tube Direct expansion with forced circulation fin and tube Automatic R600a, Isobutane, EPA SNAP compliant Fits under 34 in. ADA-compliant counters†
Compressor Condenser type Expansion device Evaporator type Defrost method Refrigerant charge Construction ADA compatible Insulation	forced-air Hermetic, VCC. Rated speed range: 1,300–4,000 rpm Air-cooled fin and tube, sealed Cap tube Direct expansion with forced circulation fin and tube Automatic R600a, Isobutane, EPA SNAP compliant Fits under 34 in. ADA-compliant counters† Sustainable, U.S. EPA and SNAP approved
Compressor Condenser type Expansion device Evaporator type Defrost method Refrigerant charge Construction ADA compatible Insulation Exterior/interior finish	forced-air Hermetic, VCC. Rated speed range: 1,300–4,000 rpm Air-cooled fin and tube, sealed Cap tube Direct expansion with forced circulation fin and tube Automatic R600a, Isobutane, EPA SNAP compliant Fits under 34 in. ADA-compliant counters† Sustainable, U.S. EPA and SNAP approved Bacteria-resistant powder coating
Compressor Condenser type Expansion device Evaporator type Defrost method Refrigerant charge Construction ADA compatible Insulation Exterior/interior finish Doors	Fits under 34 in. ADA-compliant counters† Sustainable, U.S. EPA and SNAP approved Bacteria-resistant powder coating 1, solid, available in left or right hinge
Compressor Condenser type Expansion device Evaporator type Defrost method Refrigerant charge Construction ADA compatible Insulation Exterior/interior finish Doors Access ports	Fits under 34 in. ADA-compliant counters† Sustainable, U.S. EPA and SNAP approved Bacteria-resistant powder coating 1, solid, available in left or right hinge Rear access port



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