



**VELOX**  
**COLD**®



**V2.**

**COLD ROOM WITH INTEGRATED REFRIGERATION UNIT**

## V2. VELOX SERIES COLD ROOM

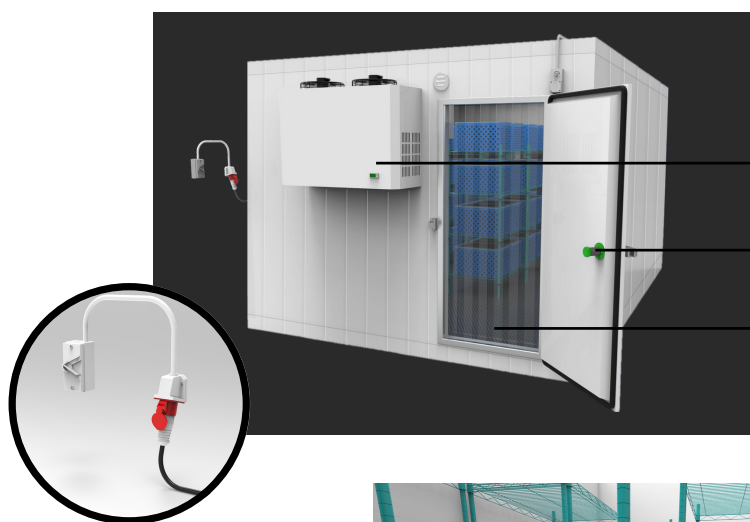
Simple and rapid installation with cam-lock system for all panel joint, integrated refrigeration unit, built in lighting system and 4-tiers durable shelving with antimicrobial coating. The unit also can be dismantled easily if required.



Wall Mount Monoblock Refrigeration Unit

Safety Latch

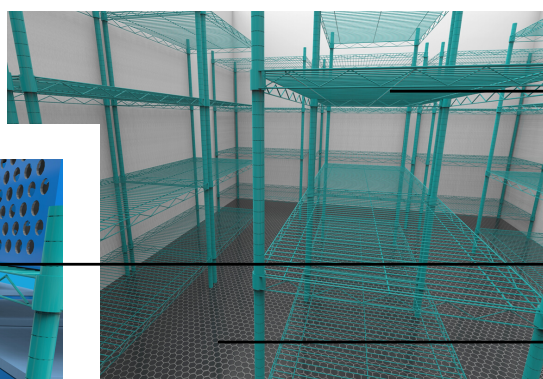
Strip Curtain



4-Tier Durable Wire Shelving with Antimicrobial Coating

Shelves and posts are constructed of heavy-gauge carbon steel

Interlocking PVC Floor Mat



\*CRATE BOX IS NOT INCLUDED. PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY.



### Chiller

Refrigeration capacity assumptions:

- Ambient temperature: 32°C
- Insulation thickness: 100mm
- Products type: Fruit/ Vegetables
- Running time: 16 hours

### Freezer

Refrigeration capacity assumptions:

- Ambient temperature: 32°C
- Insulation thickness: 100mm
- Products type: Meat/ Fish
- Running time: 18 hours

# SPECIFICATION

## CHILLER ROOM (+0 ~ +5°C)

Room Model	Room Dimension (feet)			Room Dimension (meter)			Room Internal Volume		Monoblock Refrigeration Unit Model	Refrigeration Capacity	Current (A)	
	Length	Width	Height	Length	Width	Height	ft³	m³		kW	Nominal	Maximum
A02P - V2	3.9	4.2	7.5	1.175	1.275	2.300	77.7	2.2	SM50MTC	0.81	4.8	6.4
B05P - V2	7.1	4.5	7.5	2.150	1.375	2.300	169.9	4.8	SM100MTW	1.56	6.1	8.8
C11P - V2	8.4	7.6	7.9	2.550	2.315	2.400	386.2	10.9	SM100MTW	1.56	6.1	8.8
D13P - V2	10.3	7.1	7.9	3.137	2.150	2.400	444.7	12.6	SM100MTW	1.56	6.1	8.8
E15P - V2	8.4	9.8	7.9	2.550	3.000	2.400	511.2	14.5	SM125MTW	2.33	8.1	13.5
F21P - V2	10.3	11.5	7.9	3.137	3.490	2.400	750.3	21.2	SM200MTW	3.25	12.0	19.4
G29P - V2	10.3	15.3	7.9	3.137	4.665	2.400	1018.2	28.8	SM200MTW	3.25	12.0	19.4

Notes: Power supply is 220 ~ 240V/1 Phase/ 50Hz for model A to G (Chiller Room)

## FREEZER ROOM (-18 ~ -20°C)

Room Model	Room Dimension (feet)			Room Dimension (meter)			Room Internal Volume		Monoblock Refrigeration Unit Model	Refrigeration Capacity	Current (A)	
	Length	Width	Height	Length	Width	Height	ft³	m³		kW	Nominal	Maximum
A02N - V2	3.9	4.2	7.5	1.175	1.275	2.300	77.7	2.2	SM100LTC	0.75	5.0	9.0
B05N - V2	7.1	4.5	7.5	2.150	1.375	2.300	169.9	4.8	SM200LTW	1.58	8.5	17.3
C11N - V2	8.4	7.6	7.9	2.550	2.315	2.400	386.2	10.9	SM200LTW	1.58	8.5	17.3
D13N - V2	10.3	7.1	7.9	3.137	2.150	2.400	444.7	12.6	SM200LTW	1.58	8.5	17.3
E15N - V2	8.4	9.8	7.9	2.550	3.000	2.400	511.2	14.5	SM300LTW	2.06	*5	*8.5
F21N - V2	10.3	11.5	7.9	3.137	3.490	2.400	750.3	21.2	SM400LTW	3.10	*6.5	*11.2
G29N - V2	10.3	15.3	7.9	3.137	4.665	2.400	1018.2	28.8	SM400LTW	3.10	*6.5	*11.2

Notes: Power supply is 220 ~ 240V/1 Phase/ 50Hz for model A to D and \*380 ~ 415V/ 3 Phase/ 50Hz for model E to G (Freezer Room)

### ROOM:

- 100mm thk. polyurethane insulated sandwich panel - fully camlock
- CFC & HCFC Free Polyurethane core
- 0.5mm thk. prepainted (white) galvanized steel for internal & external skin
- Standard insulated swing door complete with frame heater
- Complete with lighting
- 4 tier durable shelving with antimicrobial coating
- Certification & Approval for PU Panel:



CERTIFIED TO BS 476: PART 6: 1989  
CERTIFIED TO BS 476: PART 7: 1997  
CERTIFICATION NO: FL000004

- Recognition for HCFC phase out for manufacturing process:



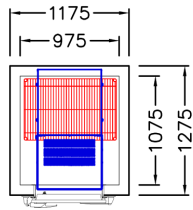
### Integrated Refrigeration System (Mono-block):

- Tecumseh hermetic compressor
- Heat exchange with copper tube & aluminium fins
- Electronic temperature controller
- Electric heater for defrost (except A-2\* using hot gas)
- Expansion valve as flow control
- R404a refrigerant
- Safety devices: overload, low & high pressure

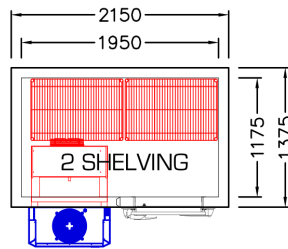
### Overall Dimension Included Refrigeration Unit:

- For A-02P, additional 375mm to room height
- For A-02N, additional 425mm to room height
- For other room, additional 395mm on side where refrigeration unit installed

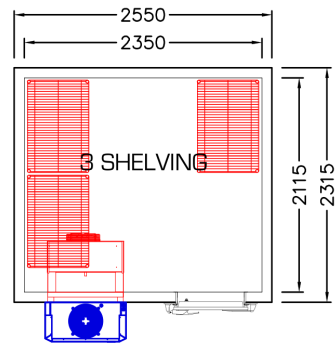
A02\*- V2



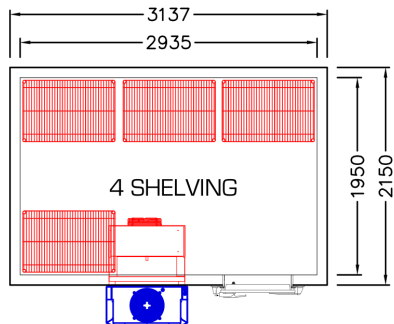
B05\*- V2



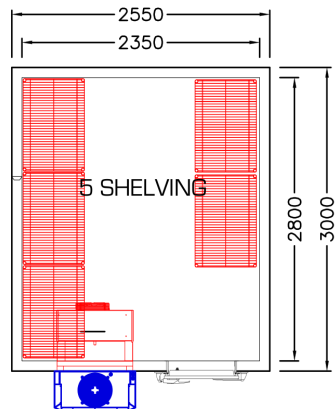
C11\*- V2



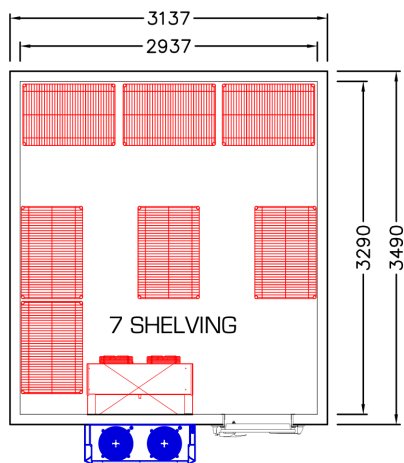
D13\*- V2



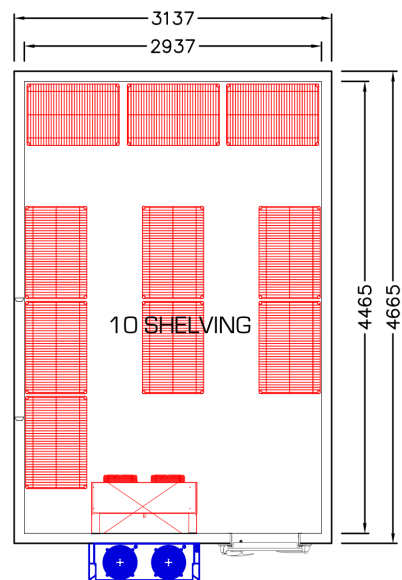
E15\*- V2



F21\*- V2



G29\*- V2



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