



## OAKLAND - OKR

OKR: OAKLAND REMOTE COMPRESSOR

### COMMERCIAL LINE — DISPLAY CASES



MULTI-DECK

#### Features & Benefits:

- Large capacity with lower occupying space.
- Enclosed Glass Door option saves up to 65% of energy compared to the Open Case.
- Unique and even redesigned Air Curtain economizes energy.
- Durable Galvanneal Steel Structure with powder coating for additional protection. (Choose any RAL color. Outside and inside can be coated different color at no additional cost.)
- Different temperature ranges can be set according to application: +8°C to 0°C.
- Easy Maintenance; reduce labor time and costs with easy access under the Display Case.
- Attractive Bumper system for protection.
- End-Cap with glass available for extended product display.



END-CAP AVAILABLE



CHOICE OF RAL COLOR



VARIETY OF APPLICATIONS



**Standard Options:**

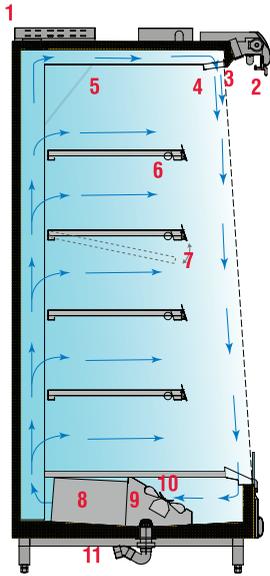
- Available Heights: **M** (Medium–2030mm), **L** (Large–2180mm)
- Lengths: **18** (1875mm), **22** (2200mm), **25** (2500mm), **37** (3750mm) can be joined together to meet layout requirements.
- Depths: **N** (Narrow - 792mm), **I** (Intermediate - 968mm)
- Merchandising Flexibility with adjustable shelf heights and angles. Up to 5 (4 shelves plus lower deck) for **M** (Medium–2030mm) or up to 6 (5 shelves plus lower deck) for **L** (Large–2180mm).
- Lighting: T8 Fluorescent electronic ballasts do not flicker. Canopy and shelving are controlled separately which is convenient when using Motion Activated Lighting “MAL” option.
- Clear plastic Shelf-Stops (20mm) keep attractive display and hold price-tags.
- End Wall Panels available: Polyurethane, Polyurethane w/ mirror inside or Polyurethane w/heat reflecting glass.
- Timed-Off Defrost delivers lower energy consumption and operation costs.\*
- Thermostatic Expansion Valve with Balanced Port for better control of superheat. (Danfoss or Sporlan Brand)
- Fan Motor: EBM brand, AC type (Standard Efficiency).
- High efficiency coil design with corrugated aluminum fins and variable spacing augment efficiency and allow for more frost build-up before Defrosting becomes necessary.
- Controllers: Carel brand standard.

**Additional Options:**

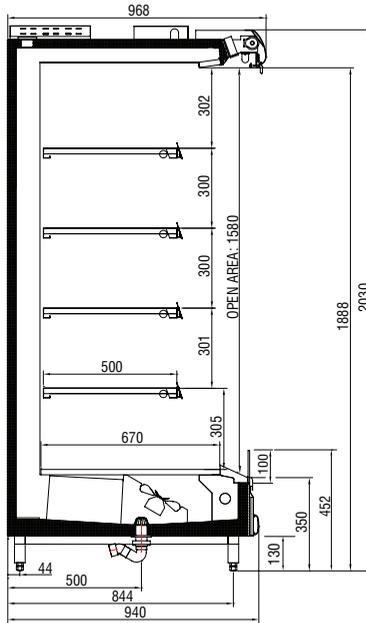
- Hinged Glass Doors save up to 65% energy.
- Lighting: Warm Fluorescent, White LED.
- “MAL” Motion Activated Lighting on Shelves.
- Automatic Night Curtain.
- Angled Top Mirror for Open Case.
- Lower Deck Dividers: Powder Coated Steel Wire or Organic Glass.
- Defrost; Electric or Hot Gas.
- **EV2** electronic Expansion Valve saves up to 10% energy (Carel brand).\*
- Fan Motor: EBM brand, EC type (High Efficiency) **GreenTech** technology can reduce the fan power consumption up to 70%.
- Controllers: Various Carel or other brand options available.

*\*For specific control type. Contact us for more details. Refer to our technical sheet for specific information.*

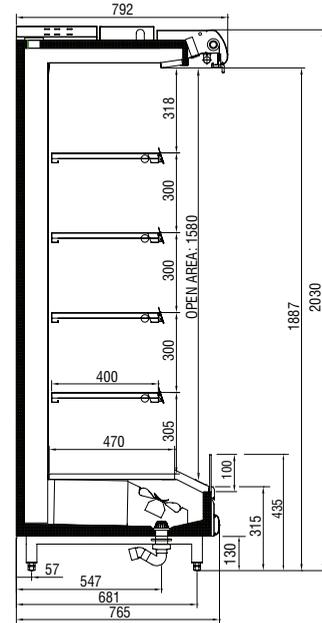
**M: MEDIUM HEIGHT (2030mm)**



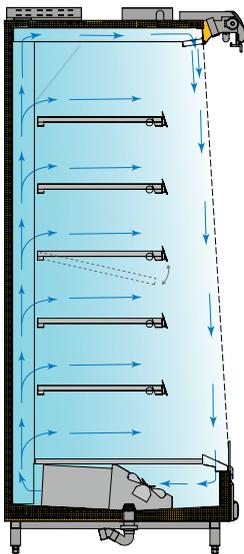
**Depth – I: Intermediate**



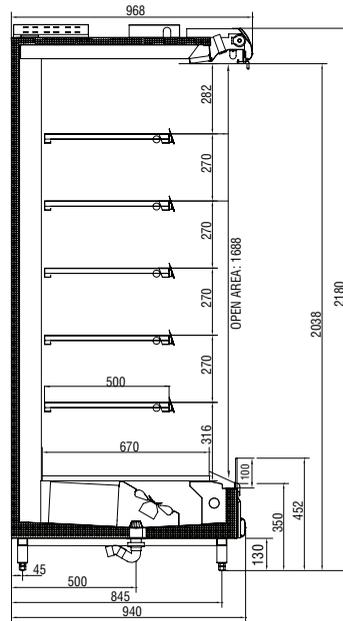
**Depth – N: Narrow**



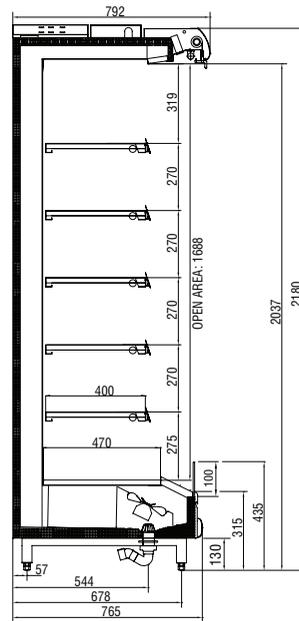
**L: LARGE HEIGHT (2180mm)**



**Depth – I: Intermediate**



**Depth – N: Narrow**



- 1. Electrical Box
- 2. Night Curtain (for Open Case)
- 3. Canopy Light
- 4. Air Curtain
- 5. Angled Top Mirror
- 6. Shelf Light
- 7. Adjustable Shelf
- 8. Coil
- 9. Plenum
- 10. Fan Motor
- 11. Drain

CAPACITIES   ACCORDING TO AHRI 1200 STANDARD GUIDELINES							
LENGTH	12 (1250mm)	18 (1875mm)	22 (2200mm)	25 (2500mm)	37 (3750mm)	Ae W: Wide	Ae I: Intermediate
<b>MEDIUM HEIGHT: W (Wide) w/LG (Low Front w/glass)</b>							
DA: (Display Area)*	(m <sup>2</sup> )	1.93	2.90	3.40	3.87	5.80	0.67
RV: (Refrigerated Volume)**	(m <sup>3</sup> )	1.200	1.800	2.112	2.400	3.600	n/a
<b>LARGE HEIGHT: W (Wide) w/LG (Low Front w/glass)</b>							
DA: (Display Area)*	(m <sup>2</sup> )	2.11	3.17	3.71	4.22	6.33	0.75
RV: (Refrigerated Volume)**	(m <sup>3</sup> )	1.325	1.988	2.332	2.650	3.975	n/a

TDA: (Total Display Area) = DA + Ae  
Ae = Projected area from End Wall Panel w/Glass

\*For Medium: N (Narrow) x 0.72  
\*For Large: N (Narrow) x 0.71



**NOMENCLATURE: MULTI-DECK SINGLE AIR CURTAIN**

**OAKLAND R MH I 18 LG U A 1 44 6 0 C1 0 0 0 BBB**

**Product**  
 Oakland R: Remote Compressor  
 Oakland S: Self Contained

**Height**  
 MH: Medium Height (2030mm) LH: Large Height (2180mm)

**Depth**  
 N: Narrow (792mm) I: Intermediate (968mm)

**Length**  
 12: (1250mm)\* 25: (2500mm)\* \*Not available for Narrow  
 18: (1875mm)\* 37: (3750mm) \*Recommended for End-Cap  
 22: (2200mm)\* (18 for Narrow, 22 for Intermediate, 25 for Wide)

**Front Edge Height**  
 LG: Low Front (Standard, w/Glass for Open Case)

**Application**  
 U: Beverage / Dairy / Deli / Produce

**Defrost**  
 A: Timed Off

**Lighting**  
 1: T8 Fluorescent 3: White LED 5: MAL<sup>2</sup> Warm Fluorescent<sup>1</sup>  
 2: Warm Fluorescent<sup>1</sup> 4: MAL<sup>2</sup> T8 Fluorescent 6: MAL<sup>2</sup> White LED

**Refrigerant**  
 13: 134A 44: R404A 47: R407A/C 74: CO2 GL: Glycol

**Electricity**  
 1: 208-230V / 3PH / 60HZ 4: 220V / 3PH / 50HZ 6: 208-230V / 1PH / 60HZ  
 7: 220V / 1PH / 50HZ 8: 115V / 1PH / 60HZ 9: "S" SPECIAL VOLTAGE

**RAL Color: Outside | Inside | Bumper<sup>4</sup>**  
 W: White 9010 4: Blue 5012  
 B: Black 9005 5: Green 6018  
 1: Yellow 1021 6: Gray 7042  
 2: Orange 2008 7: Gray 9006  
 3: Red 3002 0: Client Specification

**Cover**  
 0: Open w/Manual Night Curtain  
 1: Open w/Automatic Night Curtain  
 2: Enclosed w/Glass Doors.

**Right End Wall Panel**  
 0: Open<sup>4</sup> 1: PU<sup>5</sup> 2: PU<sup>5</sup> w/Bumper 3: PU<sup>5</sup> w/Inside Mirror  
 4: PU<sup>5</sup> w/Inside Mirror+Bumper 5: PU<sup>5</sup> w/Glass+Bumper  
 6: PU<sup>5</sup> w/Glass+Bumper+Rounded Top Border

**Left End Wall Panel**  
 0: Open<sup>4</sup> 1: PU<sup>5</sup> 2: PU<sup>5</sup> w/Bumper 3: PU<sup>5</sup> w/Inside Mirror  
 4: PU<sup>5</sup> w/Inside Mirror+Bumper 5: PU<sup>5</sup> w/Glass+Bumper  
 6: PU<sup>5</sup> w/Glass+Bumper+Rounded Top Border

**Control (Carel brand standard)**  
 C1: PJEZY0H000 w/1 C7: MX30M25H00 w/2, 4  
 C2: IR33C0HB00 w/1, 2 C8: MX30M25H00 w/2, 3, 4  
 C3: MX30M21H00 w/1 C9: MX30M25H00 w/2, 3, 4, 5  
 C4: MX30M21H00 w/1, 2 DF: Danfoss (Client Specification)  
 C5: MX30M21H00 w/1, 2, 3 DX: Dixell (Client Specification)  
 C6: MX30M21H00 w/1, 2, 3, 5 SP: Sporlan (Client Specification)  
 1: TEX, 2: Light Control, 3: ASHSC<sup>3</sup>, 4: EEV, 5: Fan Speed Control

**Fan**  
 0: EBM AC (Standard Efficiency) 1: EBM EC (High Efficiency)

<sup>1</sup> Standard for Meat Application. Gives richer color to Meat/Fish and Deli Meats/Cold Cuts.  
<sup>2</sup> MAL "Motion Activated Lighting" <sup>3</sup> ASHSC "Anti-Sweat Heater Smart Control"  
<sup>4</sup> Open when joining cases. <sup>5</sup> PU "Polyurethane" <sup>6</sup> Bumper only available in B & 6



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