

Transparent LCD Refrigerator

Trans Fridge



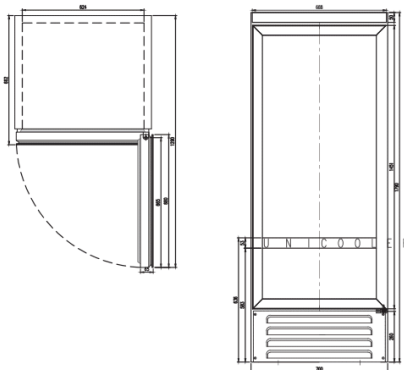
OLED SARL

INTERACTIVE
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47" Transparent LCD Fridge High Size



- 74" tall size fridge with 47" T-LCD
- ready for mass production fridge with 47" T-LCD door
- popular & tall size fridge in any country
- **Android player**
- deliver content via USB memory or remotely Wi-Fi network
- content management S/W available(*Citylight CMS)
- **Prevent a dewfall with special tempered glass processing**



· Display Specification

| | | |
|--------------------|---------|--|
| Product | | TransFridge 470 |
| Model | | SC470CST_H |
| Size | Display | 47" LG display 584,82(W) x 1039,68(H)mm |
| | Cooler | 690(W) x 650(D) x 1880(H)mm 27,16(W) x 25,60(D) x 74,01(H) inch |
| | Door | 680(W) x 65(D) x 1570(H)mm 26,77(W) x 2,65(D) x 61,81(H) inch |
| Display Resolution | | 1,920x1,080 pixel |
| Transmittance | | 6% |
| Viewing Angle | | L(80),R(80),U(80),D(80) |
| Media B' D | CPU | Exynos 1,5GHz ARM CortexA5 Quad Core |
| | O/S | Android 4,4,2 |
| | Memory | 1G RAM, 8G Micro SD card(class10) |
| Support Media | | Video, Audio, Image |
| Content Delivery | | USB Memory, Network |
| LED Brightness | | 1top, 2sides 3 LED bar 20,000 lux |
| Input Port | USB | 4xUSB |
| | Network | 1xLAN, Wifi adapter(option) |
| Output Port | | 1 HDMI, DVI, RGB, 1 Audio-Out |
| Audio AMP | | 2x3W (option), 1theadphone jack(android) |
| Power Consumption | | 50W |
| Power adapter | | In 110V/220V 50-60Hz, Out 12V DC 5A |
| Certification | | if customer pay, Ready for CE, UL |
| ETC | | 2 side tempered glass aluminium door |

· Cooler Specification

| | | |
|--------------------------|-------------|--|
| Weight | | N/W 98kg, G/W 106kg |
| Cooler Capacity | | 515 Liter (18,18ft ³) |
| Cooling System | | indirect cooling system |
| Controller | | Thermostat, adjustable temp control |
| Compressor | Model | 1/4 HP (SAMSUNG - SK170C-L2W) |
| | Consumption | AC 115V/60Hz, 220V/50-60Hz, 355W, 1,8A |
| Evaporator & Refrigerant | | FIN & TUBE(φ8, 9,9m) & R-134a |
| Fan Motor | | 4W x 1ea, 6P, 1600rpm, φ150, CCW |
| Workable Temperature | | 0 ~ 10°C (32 ~ 50°F) |
| Pack out capacities | 12oz | 7 F, 5 D, 5 SH, 6 RW Total 220 |
| | 16oz | 6 F, 5 D, 4 SH, 5 RW Total 150 |
| | 20oz | 6 F, 4 D, 4 SH, 5 RW Total 96 |
| Unit per Pallet | | 3 units |
| Shipping Loads | | 40HQ ~ 51 units, 20HQ ~ 24 units |



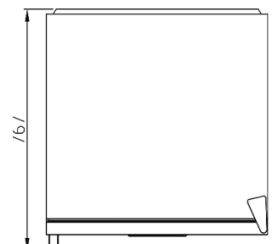
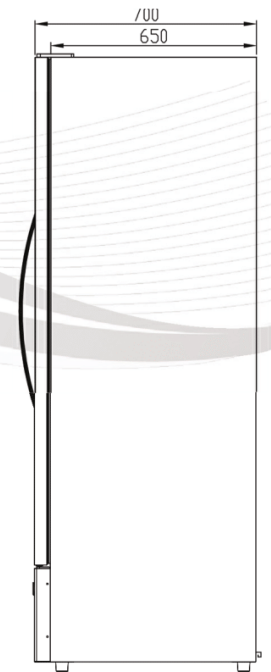


GLASS FROSTER Upright Display Standalone Transparent LCD Display Cooler

- 49" LG IPS Transparent Display
- Commercial grade Network Media Player
- Lockable
- Auto defrost
- Approvals CE (LVD,EMC, RoHs, REACH)



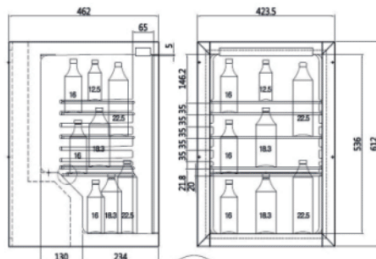
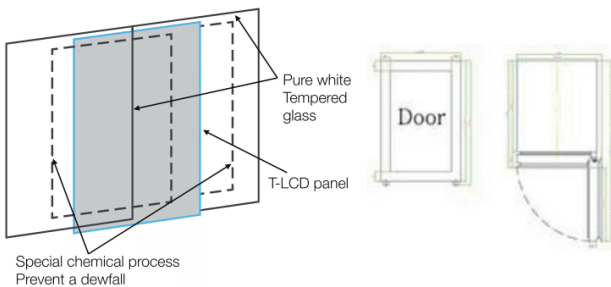
| MODEL | GLASS FROSTER (49), UPRIGHT COOLER (49) | |
|------------------------------|--|--------------------------------|
| | 49" LG IPS Transparent LCD Display | |
| | Display Resolution | 1920 x 1080 pixel |
| | Transmittance | 4.85% |
| | Viewing Angle | L (80), R (80), U (80), D (80) |
| | Support Media | Video, Audio, Image ,3g/4g,GPS |
| | Content Delivery | USB Memory, LAN, Wifi (option) |
| | Media Player | Industrail Grade |
| | Nett Total/Litres | 450Liter |
| Voltage / Frequency(V/Hz) | 220-240v/50hz | |
| Temperature Rang | -14°C, -2-10°C | |
| Refrigerant Gas | R134a | |
| Glass door | Triple Glazed with Heated glass | |
| Door frame | Seamless SS - with SS middle bar | |
| Cabinet body colour | Black | |
| Interior Cabinet Material | White painted aluminum | |
| Dimensions HxWxD | 700 x 770 x 1880 | |
| Shelves | Plastic coated Wired (5 pcs) | |
| Handle | Recessed plastic | |
| Shelf support / Shelf K-clip | SS | |
| Energy efficient LED light | Interior Light: 3pc LED lighting Door Frame Light: 3pc LED lighting | |
| LED lights sensor | Auto | |
| Compressor/ power | Donper LI40CYI | |
| Cooling system | Dynamic cooling | |
| Thermostat | Elitech Digital Controller | |
| Nett Weight Kg | 130 | |
| Loading 40'HQ | 130 | |
| Packing method | Carton box with foam pallet | |



24" Transparent LCD Fridge



- **Media player**
 - Plug&play content easily via USB memory
 - support most of video codec, audio, image
- **Android payer**
 - deliver content via USB memory or Wi-Fi network
 - content management S/W available*
- **Prevent a dewfall with special processing**



• Display Specification

| | | |
|---------------------------|----------------|---|
| Product | | TransFridge 240 |
| Model | | SC240CST |
| Size | Display | 24" LG display 324(W) x 518,4(H)mm |
| | Cooler | 423,5(W) x 542(D) x 612(H)mm 16,6(W) x 21,3(D) x 24,1(H)inch |
| | Door | 413,5(W) x 65(D) x 612(H)mm 16,2(W) x 2,65(D) x 24,1(H) inch |
| Display Resolution | | 1,920x1,200 pixel |
| Transmittance | | 15% |
| Viewing Angle | | L(80),R(80),U(80),D(80) |
| Media B' D | CPU | 1,5GHz ARM CortexA5 Quad Core |
| | O/S | Android 4,4,2 |
| | Memory | None, 1G RAM, 8G Micro SD card |
| Support Media | | Video, Audio, Image |
| Content Delivery | | USB Memory, Network |
| LED Brightness | | 1top, 2sides 3 LED bar 15,000 lux |
| Input Port | USB | 4xUSB |
| | Network | 1xLAN, Wifi adapter(option) |
| Output Port | | 1 HDMI, 1DVI, 1RGB, 1 Audio-Out |
| Audio AMP | | 2x3W (option), 1theadphone jack(android) |
| Power Consumption | | 40W |
| Power adapter | | In 110V/220V 50-60Hz, Out 12V DC 5A |
| Certification | | CE, UL (in July 2015), FCC |
| ETC | | 2 side tempered glass aluminium door |

• Cooler Specification

| | | |
|-------------------------------------|--------------------|-------------------------------------|
| Weight | | N/W 29kg, G/W 32kg |
| Cooler Capacity | | 65 Liter (1,85ft³) |
| Cooling System | | indirect cooling system |
| Controller | | Thermostat, adjustable temp control |
| Compressor | Model | 1/10 HP (SAMSUNG - CD130CS1ZA) |
| | Consumption | AC 115V/60Hz, 220V/50-60Hz, 105W |
| Evaporator & Refrigerant | | FIN & TUBE(φ 8, 3m) & R-134a |
| Fan Motor | | 2W x 1ea, 4P, 1600rpm, φ 90, CCW |
| Workable Temperature | | 0 ~ 10°C (32 ~ 50°F) |
| Pack out capacities | 12oz | 5 F, 4 D, 2 SH, 3 RW Total 45 |
| | 16oz | 5 F, 3 D, 2 SH, 3 RW Total 35 |
| | 20oz | 4 F, 3 D, 2 SH, 2 RW Total 24 |
| Unit per Pallet | | 8 units |
| Shipping Loads | | 40HQ ~ 288 units, 20HQ ~ 144units |



Transparent LCD Shopcase ClearView 156



· transparent 1 side – landscape or portrait

| | |
|---------------------|-------------------------------------|
| Product | ClearView 156 |
| Model | SC156TL1 |
| LCD panel | 15,6" inch x 1, 11% transparency |
| dimension | 430(W) x 270(H) x 200(D)mm |
| weight | 7,5kg |
| power supply | AC 100–240V, 50/60Hz |
| resolution | 1366 x 768 pixel |
| play | video / audio / image |
| lighting | Top LED |
| lighting brightness | 18,000 lux |
| interface | USB , HDMI, remote control receiver |
| speaker | 5W x 2 |
| power consumption | 32W |

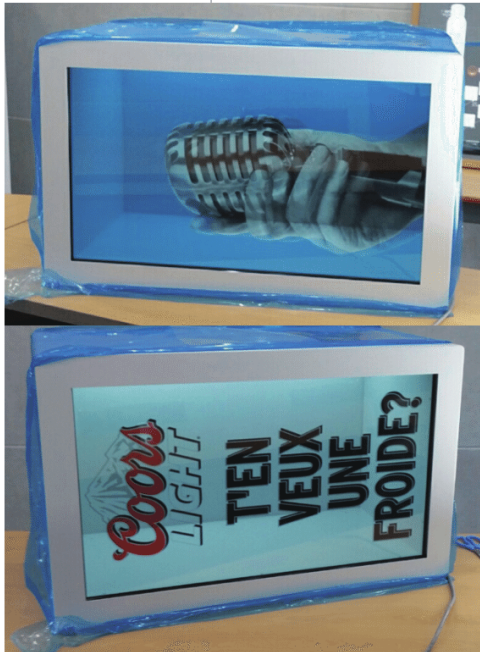
Transparent LCD Shopcase ClearView 215



· transparent 1 side – front side only

| | |
|---------------------|---|
| Product | ClearView 215 |
| Model | SC215TL1TC |
| LCD panel | 21,5 inch x 1 |
| Touch screen | Projected Capacitive 10pt Multi touch (Media player or Android4,4.2 Quad-Core 1,5GHZ ,WI-FI) |
| dimension | 515(W) x 395(H) x 385(D)mm |
| weight | 19,5kg |
| power supply | AC 100–240V, 50/60Hz |
| resolution | 1920 x 1080 pixel |
| play | video / audio / image /flash |
| lighting | LED |
| lighting brightness | 30,000 lux (bottom), 446 LED |
| interface | USB , HDMI, remote control |
| speaker | 5W x 2 |
| power consumption | 92W |

Transparent LCD Shopcase ClearView 320



· transparent 1 side – Portrait style (landscape able)

| | |
|---------------------|--|
| Product | ClearView 320 |
| Model | SC320TL1TC |
| LCD panel | 32 inch x 1 |
| Touch screen | Infrared 10pt Multi touch (Android4.4.2 Quad-Core 1.5GHZ) |
| dimension | 850(W) x 500(H) x 400(D)mm |
| weight | 42kg |
| power supply | AC 100–240V, 50/60Hz |
| resolution | 1920 x 1080 pixel |
| play | video / audio / image |
| lighting | Top LED |
| lighting brightness | 20,000 lux |
| interface | USB , HDMI, remote control receiver |
| speaker | 5W x 2 |
| power consumption | 92W |
| Option | 10pt IR multi touch screen |

Transparent LCD Shopcase ClearView 550



· transparent 1 side – front side only

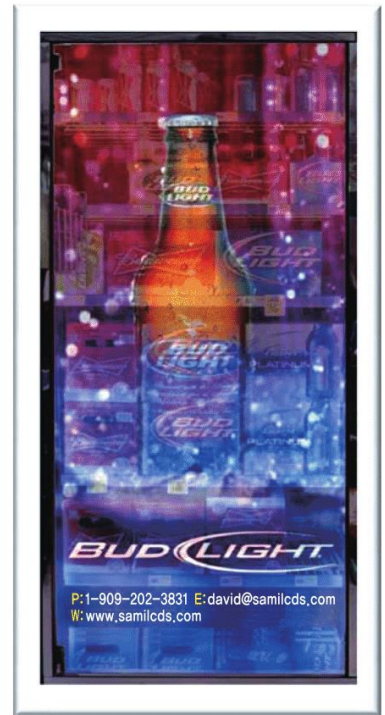
| | |
|---------------------|---|
| Product | ClearView 550 |
| Model | SC550TL1 |
| Touch screen | Infrared 10pt Multi touch (Android4.4.2 Quad-Core 1.5GHZ) |
| dimension | 1300(W) x 770(H) x 500(D)mm |
| weight | 55kg |
| power supply | AC 100–240V, 50/60Hz |
| resolution | 1920 x 1080 pixel |
| play | video / audio / image |
| lighting | Top LED |
| lighting brightness | 28,000 lux |
| interface | USB , HDMI, remote control receiver |
| speaker | 5W x 2 |
| power consumption | 108W |
| Option | Infrared 10pt Multi Touch (Android4.4.2 Quad-Core 1.5GHZ, WI-FI) |



| Product | | ClearView 224 |
|-------------------|---------|------------------------------|
| Model | | SC-220TL4 |
| Size | Display | 22" x 4ea |
| | Body | 436.3(H)x600(W)x600(D)mm |
| | Stand | 1,170(H)x600(W)x600(D)mm |
| Weight | Body | 40kg |
| | Stand | 60kg |
| Resolution | | 1,680 x 1,050 pixel |
| Transmittance | | 15% |
| Viewing Angle | | L(80),R(80),U(60),D(80) |
| Media B'D | CPU | MST6400 |
| | O/S | Embedded Linux |
| Support Media | | Video, Audio, Image |
| LED Brightness | Top | None |
| | Bottom | 35,000 lux |
| Input Port | Video | 4xHDMI |
| | USB | 4xUSB |
| | Network | None |
| | Etc | None |
| Output Port | | None |
| Audio AMP | | 8x1W (* Included Speaker) |
| Power Consumption | | 150W |
| Power Input | | AC 100-240V ~50/60Hz Adapter |
| Option | | None |
| Etc | | Aluminium Body |

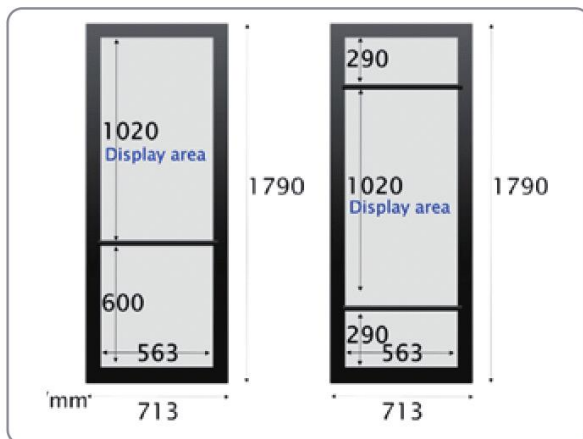


Custom design T-LCD Door



- Production for new size transparent fridge*
- available to replace existing door to transparent LCD*
- 26" 32" 42" 46" 47" 55" LCD panel available
- choice of android board or media player

• Example : Development custom size door using 47" / 49"



• Connect to existing fridge



* Customized door needed extra design & molding fee from 3K – 5K



In combination with transparent display technology this innovative digital cooler replaces the entire conventional front door glass with a transparent Digital LCD Display assembly. The transparent LCD allows for clear viewing of product through the glass, while simultaneously having the ability to run Full HD content in a "see-thru" manner in front of the product. The Cooler is truly a turn-key solution with all required technology and hardware included.

Cooler comes with five different models

- GLASS FROSTER
- BOTTLE COOLERS
- COUNTERTOP DISPLAY
- UPRIGHT DISPLAY STANDALONE
- SEMI-TRANSPARENT COOLERS

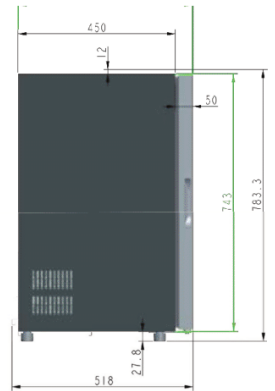
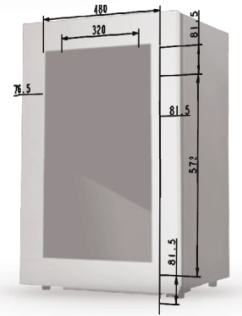


Advertisers now have the ability to run full-HD content / videos on a single door or on all the doors within the C-Store. This allows for unique advertising opportunities by having advertisements / promotions sequence across all the Digital doors in the store or have different ads / promotions running on select doors.



COUNTERTOP Transparent LCD Display Cooler

- 26" LG IPS Transparent Display
- Commercial grade Network Media Player
- Lockable
- Auto defrost
- Approvals CE (LVD,EMC, RoHs, REACH)



| MODEL | GLASS FROSTER (26), BOTTLE COOLER (26) | |
|---|--|--------------------------------|
|  | 26" LG IPS Transparent LCD Display | |
| | Display Resolution | 1920 x 1080 pixel |
| | Transmittance | 4.85% |
| | Viewing Angle | L (80), R (80), U (80), D (80) |
| | Support Media | Video, Audio, Image ,3g/4g,GPS |
| | Content Delivery | USB Memory, LAN, Wifi (option) |
| | Media Player | Industrail Grade |
| | Nett Total/Litres | 62 Liter |
| Voltage / Frequency(V/Hz) | 220-240v/50hz | |
| Temperature Rang | -14°C, 2-10°C | |
| Refrigerant Gas | R600a | |
| Glass door | Triple Glazed with Heated glass | |
| Door frame | Seamless SS with door lock | |
| Cabinet body colour | Black | |
| Interior Cabinet Material | White painted aluminum | |
| Dimensions HxWxD | 480 x 550 x 790 | |
| Shelves | Plastic coated Wired (2 pcs) | |
| Handle | Recessed plastic | |
| Shelf support / Shelf K-clip | SS | |
| Energy efficient LED light | Interior Light: 3pc LED lighting Door Frame Light: 3pc LED lighting  | |
| LED lights sensor | Auto | |
| Compressor/ power | SIKELAN: QDIIOYG (600a) => 182w | |
| Cooling system | Dynamic cooling | |
| Thermostat | Mechanical | |
| Nett Weight Kg | 57 | |
| Loading 40'HQ | 140 | |
| Packing method | Carton box with foam pallet | |



GLASS FROSTER Transparent LCD Display Cooler

- 32" LG IPS Transparent Display
- Commercial grade Network Media Player
- Lockable
- Auto defrost
- Approvals CE (LVD,EMC, RoHs, REACH)



| MODEL | GLASS FROSTER (32), BOTTLE COOLER (32) | |
|------------------------------|--|--------------------------------|
| | 32" LG IPS Transparent LCD Display | |
| | Display Resolution | 1920 x 1080 pixel |
| | Transmittance | 4.85% |
| | Viewing Angle | L (80), R (80), U (80), D (80) |
| | Support Media | Video, Audio, Image ,3g/4g,GPS |
| | Content Delivery | USB Memory, LAN, Wifi (option) |
| | Media Player | Industrail Grade |
| Nett Total/Litres | 138 Liter | |
| Voltage / Frequency(V/Hz) | 220-240v/50hz | |
| Temperature Rang | -14°C, 2-10°C | |
| Refrigerant Gas | R600a | |
| Glass door | Triple Glazed with Heated glass | |
| Door frame | Seamless SS with door lock | |
| Cabinet body colour | Black | |
| Interior Cabinet Material | White painted aluminum | |
| Dimensions HxWxD | 600 x 500 x 900 | |
| Shelves | Plastic coated Wired (2 pcs) | |
| Handle | Recessed plastic | |
| Shelf support / Shelf K-clip | SS | |
| Energy efficient LED light | Interior Light: 3pc LED lighting Door Frame Light: 3pc LED lighting | |
| LED lights sensor | Auto | |
| Compressor/ power | HUM12AA (ZEL) 185w | |
| Cooling system | Dynamic cooling | |
| Thermostat | Elitech Digital Controller | |
| Nett Weight Kg | 80 | |
| Loading 40'HQ | 138 | |
| Packing method | Carton box with foam pallet | |



Coolers elevates a cooler to an advanced digital device; it's sleek design frames the transparent LCD display, to celebrate the digital content and the products inside the cooler. The digital content allows consumers to engage with brands and it can be updated remotely in real time for special offers.