

## Custom Remote Worktop Refrigerator models 53000

model  53330     53333     53336     53339     53348     53351     53354  
 53357     53360     53369     53372     53375     53378     53381  
 53387     533102     533114

### Description:

Remote refrigerated worktop unit with 16 gauge reinforced stainless steel top, and integral backsplash with 45° return. Stainless steel doors on concealed hinges. Condensing unit not provided. Evaporator blower coil with expansion valve supplied and installed. 6" high adjustable and movable legs.

### Specifications:

**CABINET EXTERIOR:** Top to be one piece of die-formed 16 gauge stainless steel with 2 1/2" nosing. Backsplash to be coved cornered, with 45° return at top and overall height of 6 3/4". Ends at top fitted with recessed heavy duty steel bars for field bolting units together, producing a hairline seam. Exterior body to be corrosion resistant steel. Door opening frames are ABS and contain magnetic strip for positive seal of door gaskets. Work surface to be at 36" work height. Legs to be 6" high stainless steel with adjustable bullet foot. Legs mounted to full length channel frame assembly which is integrally welded to bottom of body assembly. Legs can be moved left to right to avoid floor obstacles during installation.

**CABINET INTERIOR:** Base interior to be ABS thermoplastic at ends only. Stainless steel interior liner to be coved cornered to form bottom, back and top. One baked enamel finished shelf provided behind each door. Unit insulation to be CFC free foamed in place urethane.

**DOORS:** Door fronts to be 22-gauge stainless steel exterior front with 16 gauge stainless steel door pulls/handles. The interior liner is vacuumed formed ABS with integral gasket retainer for easy cleaning and accepts Randell's Exclusive Press Fit Gasket system. Doors are mounted on concealed hinges. One removable wire shelf is supplied behind each door.

**REFRIGERATION:** Refrigerant to be specified by customer (Specification based on R-134a refrigerant). Control and solenoid provided standard. Interior fitted with Randell evaporator blower coil for cooling base. Expansion valve and refrigeration lines provided and installed for connection at unit rear. Units totally prewired to junction box. Optional electric condensate evaporator.

model 53354 shown with optional finished end

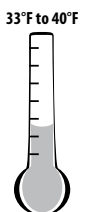


### Standard Features:

- Available under one piece top with other modular equipment up to 16' in length
- 6" high legs—adjustable and movable
- Foamed in place "CFC free" urethane insulation
- Evaporator blower coil with expansion valve and refrigeration lines provided and installed
- 45° integral stainless backsplash is standard. 90° stainless backsplash is optional.
- Filter dryer installed on liquid line

### Options & Accessories:

- Patented Drawer Cartridge Systems - **Exclusive Randell Feature + 3 years parts & labor warranty!**
- No Backsplash for dual sided / Cafeteria Operation
- Tray racks for sheet pans (33" dp., 24" doors only)
- Cutting boards
- Stainless Steel Ends
- Stainless Steel Back
- Laminate fronts, ends and back options
- Casters in lieu of legs
- Export voltages
- Over-shelving storage options



**53000 SERIES REMOTE REFRIGERATORS WITH STAINLESS STEEL TOPS**

Length	30"	33"	36"	39"	48"	51"	54"	57"	60"
Model 33" deep	53330	53333	53336	53339	53348	53351	53354	53357	53360
# of doors	(1) 24" + 6" mech.	(1) 21" + 6" mech. + 6" coil hsg.	(1) 24" + 6" mech. + 6" coil hsg.	(1) 27" + 6" mech. + 6" coil hsg.	(2) 21" + 6" mech.	(1) 21" (1) 24" + 6" mech.	(2) 24" + 6" mech.	(1) 24" (1) 27" + 6" mech.	(2) 27" + 6" mech.
Storage Cu. Ft. 33" deep	5.21	6.18	7.16	8.14	11.04	12.04	13.02	14	14.97
Storage Cu. Ft. 29" deep	4.38	5.20	6.02	6.84	9.30	10.12	10.94	11.76	12.58
<i>Recommended*</i> H.P./Refrigerant	1/4hp/134a	1/4hp/134a	1/4hp/134a	1/4hp/134a	1/4hp/134a	1/4hp/134a	1/4hp/134a	1/3hp/134a	1/3hp/134a
Storage Cu. Ft. 22" deep	2.8	3.5	4.2	4.9	7.1	7.8	8.5	9.3	10.
<i>Recommended*</i> H.P./Refrigerant	1/4hp/134a	1/4hp/134a	1/4hp/134a	1/4hp/134a	1/4hp/134a	1/4hp/134a	1/4hp/134a	1/4hp/134a	1/4hp/134a
Volt/Cycle/Phase	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1
Amps	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Ship Wt. - lbs.	305	320	335	350	380	395	410	435	450
BTU Design load*	486	523	561	598	895	933	970	1008	1045
Evap. BTU/°TD	90	90	120	120	120	120	120	120	120

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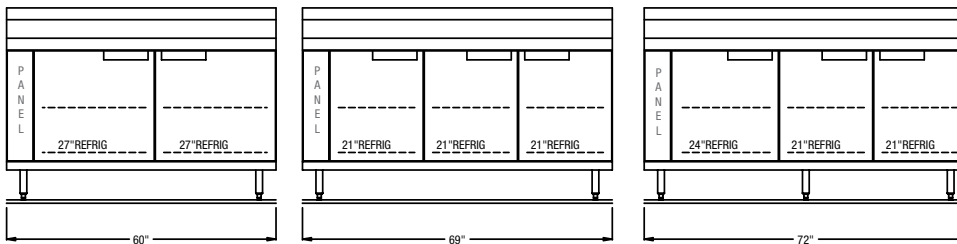
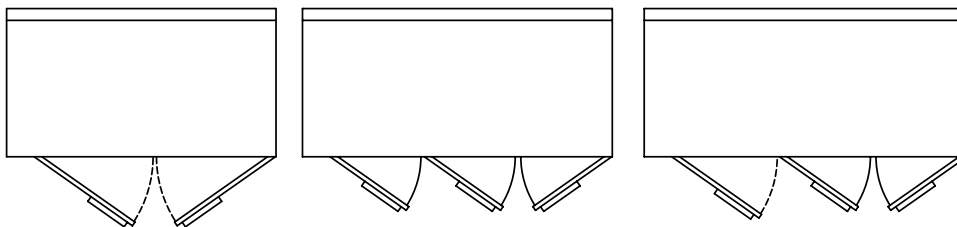
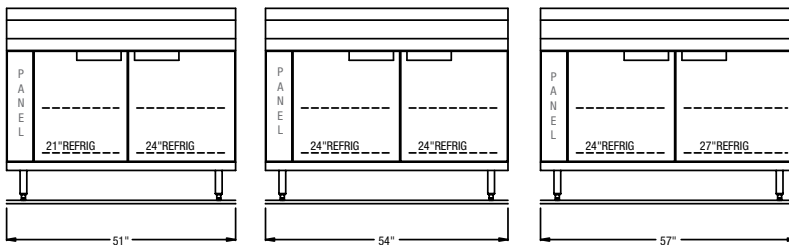
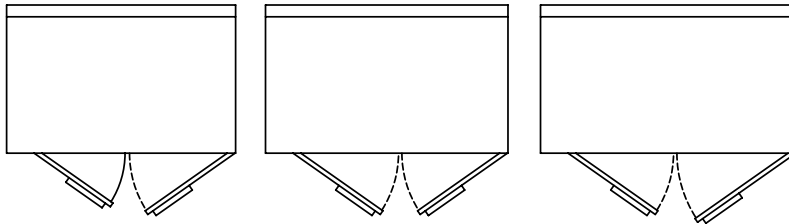
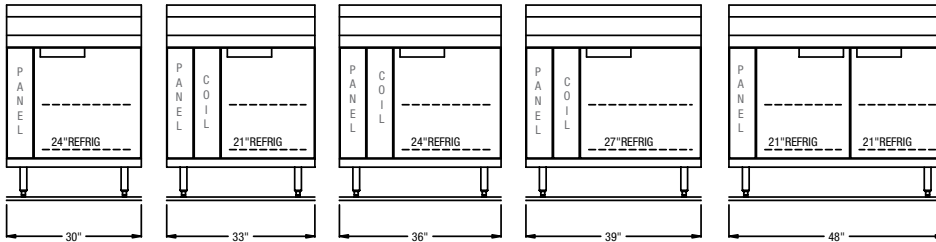
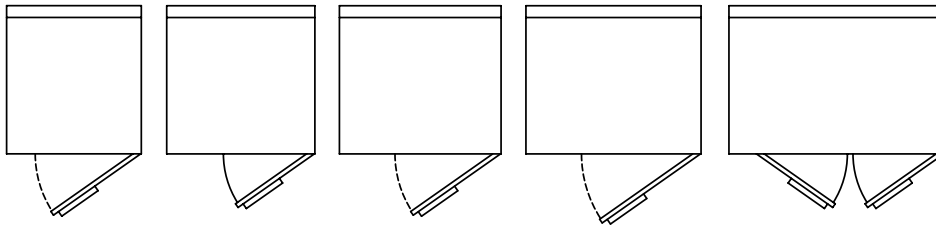
Length	69"	72"	75"	78"	81"	87"	102"	114"
Model 33" deep	53369	53372	53375	53378	53381	53387	533102	533114
# of doors	(3) 21" + 6" mech.	(2) 21" (1) 24" + 6" mech.	(1) 21" (2) 24" + 6" mech.	(3) 24" + 6" mech.	(2) 24" (1) 27" + 6" mech.	(3) 27" + 6" mech.	(4) 24" + 6" mech.	(4) 27" + 6" mech.
Storage Cu. Ft. 33" deep	17.9	18.88	19.86	20.83	20.51	22.46	27.34	31.25
Storage Cu. Ft. 29" deep	15.04	15.86	16.68	17.50	17.23	18.87	22.97	26.25
<i>Recommended*</i> H.P./Refrigerant	1/3hp/134a	1/3hp/134a	1/3hp/134a	1/3hp/134a	1/2hp/134a	1/2hp/134a	1/2hp/134a	1/2hp/134a
Volt/Cycle/Phase	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1
Amps	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Ship Wt. - lbs.	495	510	535	550	565	595	655	700
BTU Design load*	1342	1380	1417	1455	1492	1567	1939	2090
Evap. BTU/°TD	120	120	120	120	240	240	240	240

**NOTE:**

If drop-in lowerators are to be installed in this equipment, the overall length of the tube should be no more than 24".

\*BTU design load based on 100F ambient plus 30% for use and product loading. Final system selection should consider usage requirements and combined loads. Recommended HP reflects Randell HP applied to self-contained (single) unit of equal storage capacity. Increased HP may be appropriate in some remote applications.





**LEGEND**

AFF. = ABOVE FIXED FLOOR

J JUNCTION BOX 26" AFF. FAN MOTORS) AND LIGHTS) 115V-60Hz-1Ph CHOOSE ONE:

- R-22 REFRIG.
- R404 REFRIG.
- R134A REFRIG.

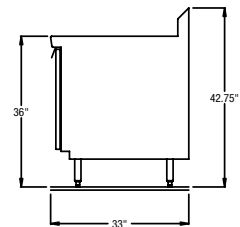
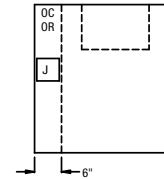
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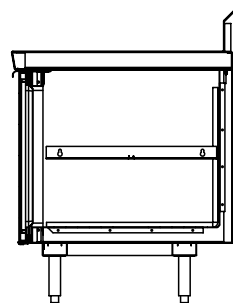
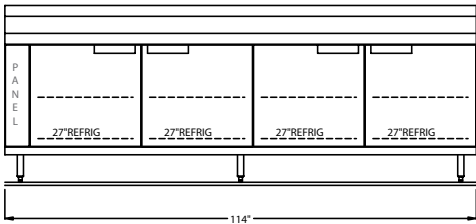
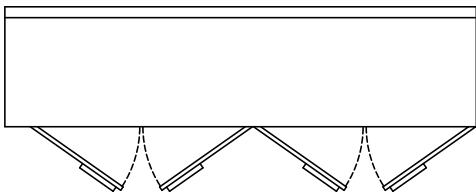
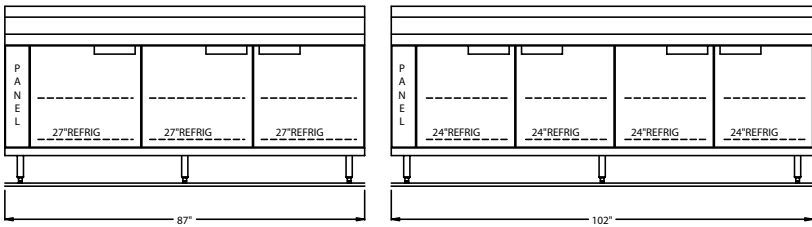
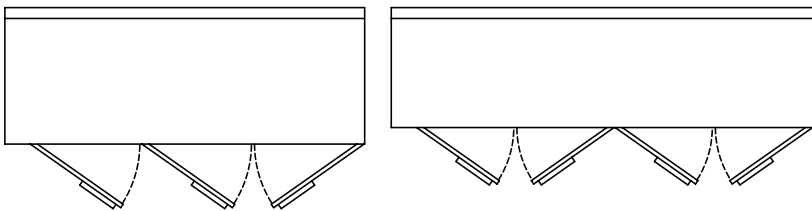
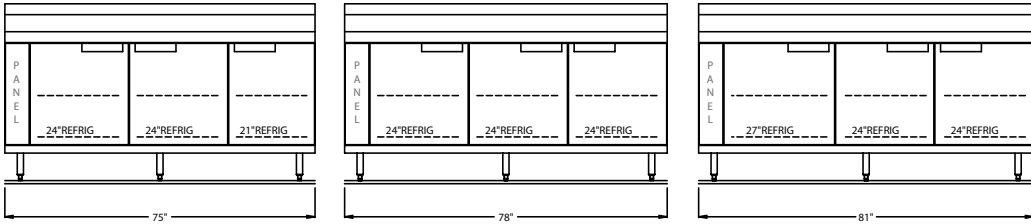
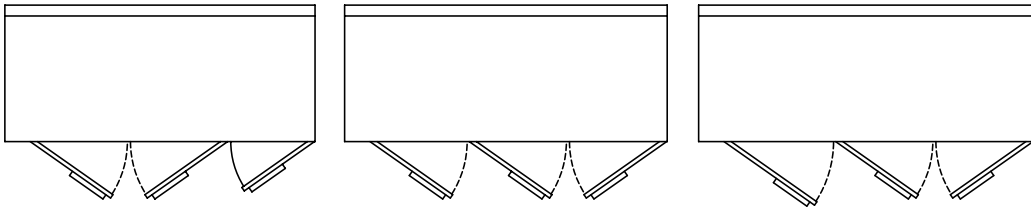
- 1/4" LIQUID, 3/8" SUCTION LINE 8 1/2" AFF.

OC CONDENSATE DRAIN 1/2" PVC 8-1/2" AFF.

OR

- EVAPORATOR COIL LOCATION





SECTION VIEW

DOOR OPENING SIZES - INTERIOR DEPTHS

Door Width	Clearances Through Door		Interior Depth Behind Door (unit depths in parentheses)
	Lt. to Rt.	Top to Bottom	
18"	13 1/4"	20 1/4"	(33")-26" (29")-22" (22")-15.5"
21"	16 1/4"	20 1/4"	(33")-26" (29")-22" (22")-15.5"
24"	19 1/4"	20 1/4"	(33")-26" (29")-22" (22")-15.5"
27"	22 1/4"	20 1/4"	(33")-26" (29")-22" (22")-15.5"

•Shelf depth is 25 1/4" on 33" deep equipment, 21 1/4" on 29" deep equipment, and 14 1/2" on 22" deep equipment.

