



Changing
how food is served.

INSTALLATION MANUAL

DROP-IN REFRIGERATED SERIES

QSGT SERIES

GLASS HOT/COLD TOP

QSGT-XX

CUSTOM FABRICATORS OF FOODSERVICE EQUIPMENT

1947 Bill Casey Parkway • Jonesboro, GA 30236
Tel: +1 (888)-584-2722 • Fax: +1 (770)-471-3715
www.lowtempind.com

Drop-In Refrigerated Series General Installation

These units are intended for indoor use only. A room temperature of no more than 86°F (36°C) is recommended.

The counter cut-out sizes and power requirements are shown on the specifications sheets. A gasket is provided with each unit to be installed around the flange of each unit. The weight of the unit on the gasket forms a seal preventing liquids from seeping into the cut-out opening. *(Silicone is an optional seal not provided.)*

Openings

IMPORTANT NOTE:

Self-contained refrigerated units require a minimum of (190 cubic feet per minute) of fresh airflow across the condenser for proper operation of the compressor.

ATTENTION: Failure to provide proper airflow can cause premature compressor failure and will VOID any factory warranty.

Ventilation Openings

A recommended minimum opening or removable panel 16" x 16" (256 square inches) is required in front of the condenser. The rear must also have an opening to permit the exhaust of heated air and servicing the unit. The recommended rear opening is 16" x 16" (256 square inches)

Refer to *Installation Procedures and QSGT-DI illustration/specifications* for recommended louvered front and rear openings.

ATTENTION: Warranty on refrigeration systems will be VOID if installation instructions are not followed.

Plumbing

Unit furnished with condensate drain.

****Optional drain line and valve NOT furnished.****

IMPORTANT NOTE:

On counters that cannot meet any of the above installation instructions requirements you can contact LTI's Engineering department at 1-888-584-2722 for recommendations on the installation requirements of the refrigerated drop-ins. Detailed counter drawings may be required to provide recommended installation instructions.

NOTICE

WARRANTY **DOES NOT** COVER COST OF REMOVING DROP-IN UNIT FROM COUNTER IF THERE ARE NO SERVICE ACCESSES PROVIDED TO MAKE REPAIRS.

WARRANTY ALSO **DOES NOT** COVER COST OF REPLACING UNIT BACK INTO COUNTER AFTER REPAIR HAS BEEN MADE.

INSTALLATION PROCEDURES

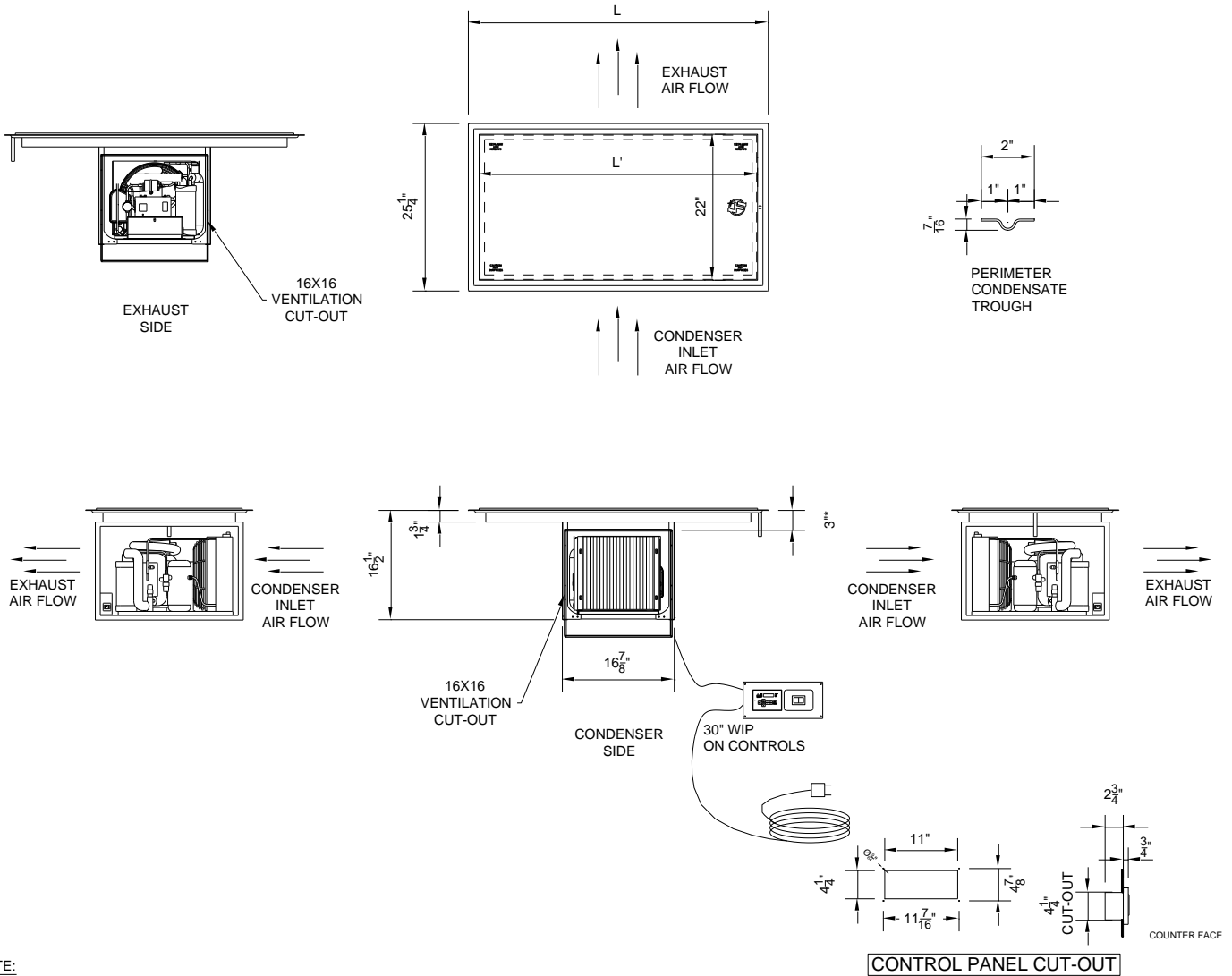
1. Cut the appropriate opening in the countertop for unit being installed. Refer to *Technical Specifications Table* for counter top cutout dimensions.
2. Make structural modifications or add bracing underneath the counter top to ensure the countertop will support the unit being installed.
3. Cut the necessary openings in counter to provide proper ventilation to the condensing unit as well as recommended service access openings for any service needed to repair unit. Louvered or grill-style panels should be installed where ventilation openings are located to protect the condensing unit.
 - a. Self-contained refrigerated units require a minimum of (190 cubic feet per minute) fresh airflow across the condenser. Cut-Out openings/access should be a minimum of 16"X16" (256 square inches) to remove condensing unit if needed without removing complete unit.
 - b. One openings/louvers should be in front of the condenser and shrouded to provide fresh air across the condenser with the other opening on the opposite side.
 - c. Louvered or grilled style panels should be around 75-85 sq in total and positioned in front of condenser and shrouded.

Refer to the *Illustration and Technical Specifications Table* for ventilation cut-out locations.

NOTE: ALWAYS measure the location of the condenser unit to insure proper location of ventilation openings.

ATTENTION: Failure to provide proper airflow can cause premature compressor failure and will VOID any factory warranty.

QSGT-DI



NOTE:

* 3" IS THE VERTICAL DISTANCE FROM THE TOP OF THE OF THE THAT MAKES CONTACT WITH THE COUNTER TOP TO THE 16X16 VENTILATION CUT-OUT. NOTE LEFT TO RIGHT LOCATION OF CUT-OUT IS CENTER OF UNIT.

CONDENSING UNIT LOCATION AND ORIENTATION IS SUBJECT TO CHANGE PER CUSTOMER REQUEST. ALWAYS REFER TO APPROVAL DRAWINGS IF POSSIBLE AND CHECK LOCATION OF THE CONDENSING UNIT BEFORE INSTALLING.

QSGT-28	31-1/4"	28"	30-1/4" X 25-1/4"	16"x16" TO BE LOCATED 3" FROM TOP CENTER LEFT TO RIGHT**	11" X 4-1/4"	1/3 H.P.	120/1	7.5	5-15P
QSGT-42	45-1/4"	42"	44-1/4" X 25-1/4"		11" X 4-1/4"	1/3 H.P.	120/1	7.5	5-15P

**CONDENSING UNIT LOCATION AND ORIENTATION SUBJECT TO CHANGE PER CUSTOMER REQUEST.
ALWAYS REFER TO APPROVAL DRAWINGS IF POSSIBLE AND CHECK LOCATION OF THE CONDENSING UNIT BEFORE INSTALLING