

## STANDARD INFORMATION

**Standard:** UL 921 / ANSI Z83.21 / CSA C22.2 No. 168

**Standard ID:**

Commercial Dishwashers [UL 921:2020 Ed.8]

Commercial Dishwashing Machines [ANSI Z83.21:2020 Ed.3]

Commercial Dishwashers [CSA C22.2#168:2020 Ed.3]

**Previous Standard ID:**

Commercial Dishwashers [UL 921:2016 Ed.7+R:20Sep2017]

Commercial Dishwashing Machines [ANSI Z83.21:2016 Ed.2+U1]

Commercial Dishwashers [CSA C22.2#168:2016 Ed.2+U1]

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **January 30, 2022**

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard.

**Overview of Changes:** Revision of requirements for the head load calculation test (United States only). Specific details of new/revise requirements are found in table below.

***Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.***



## STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown <del>lined-out</del> below.</i>
Supplement SA	Info	<b>COMMERCIAL DISHWASHERS SELF-CONTAINED CONDENSING SYSTEMS</b>
SA4	Info	<b>Heat Load Calculation Test (United States Only)</b>
S4.1		A door type dishwasher shall be installed in accordance with the dishwasher manufacturer's instructions under a minimum <del>0.9 m by 0.9 m (3-ft by 3-ft)</del> <u>1.5-m wide by 1.2-m deep (5-ft wide by 4-ft deep)</u> canopy exhaust hood operating at a <del>nominal ventilation rate of 8.50 to 14.16 m<sup>3</sup>/min (300 to 500 ft<sup>3</sup>/min)</del> or in <del>accordance with the manufacturer's recommendations, if applicable.</del> <u>minimum nominal ventilation rate of 48.14 m<sup>3</sup>/min (1700 ft<sup>3</sup>/min).</u> The hood's capture and containment of the thermal plume shall be verified in accordance with Clause <u>SA4.12.</u>
SA4.2		A conveyor type dishwasher shall be installed in accordance with the dishwasher manufacturer's instructions under a <del>3.0-m wide by 1.2-m deep (10-ft wide by 4-ft deep)</del> canopy exhaust hood or while connected to vent cowl exhaust duct. <u>0.9 m by 1.8m (3-ft by 6-ft) canopy exhaust hood at minimum nominal ventilation rate of 59.47 m<sup>3</sup>/min (2100 ft<sup>3</sup>/min).</u> The vent cowl exhaust duct shall be operated at the manufacturers specified maximum exhaust flow rate or, if not specified, at a nominal 200 cfm (94.4 L/s) on the entrance side and 400 cfm (188.8 L/s) on the exit side. <u>The hood's capture and containment of the thermal plume shall be verified in accordance with Clause SA4.12.</u>