

PC7700 SERIES DOUBLE SIDED UV CURING SYSTEMS

The PC7700 double sided UV curing system is designed to expose photoimageable materials to intense UV energy. By producing exactly matched energy above and below the conveyor belt, the machine increases productivity by requiring only one pass through the system relative to single sided UV curing systems. An extra degree of freedom is added to the UV curing process by the Argus patented 'Variwatt' UV control system. This system allows complete adjustment of UV intensity from 50% to 100% power in approximately 1% increments.

An optional water cooling system is available for exposing products that require a low surface temperature be maintained. The water cooling system supplies an IR filter which consumes IR emissions at the source, thereby reducing effective surface temperatures. The filtration system includes a water jacket type arrangement that provides a wall of water surrounded by two walls of quartz glass. The water is cooled in a self contained cooling system and recirculated in a closed loop fashion.

AVAILABLE OPTIONS

WATER COOLING SYSTEM: Provides a means to maintain low surface temperatures during ultraviolet exposure.

ELECTRICAL SERVICE REQUIREMENTS

Circuit Breaker service is 3-phase configuration with a good Ground.

ITEM	200-240V 50/60HZ	380-415V 50HZ	440-480V 50/60HZ	POWER
PC7725 CIRCUIT BREAKER 200WPI LAMPS	150A	100A	70A	28kVA

EXHAUST SYSTEM REQUIREMENTS

ITEM	VOLUME	TRANSITION ADAPTER	BLOWER POWER	DUCTING
PC7725	1500CFM	11.87" x 8.06" Rectangular to 10" Diameter	3/4HP	10" Galvanized

Note: Transition and ducting to be supplied by user.

SHIPPING DATA

ITEM	CRATE SIZE	AIR FREIGHT CRATED WEIGHT	COMMON CARRIER CRATED WEIGHT
PC7725	102" x 63" x 65"	1,300 lbs.	1,700 lbs.

Note: Crating dimensions and weights are approximate and may vary within 10%.

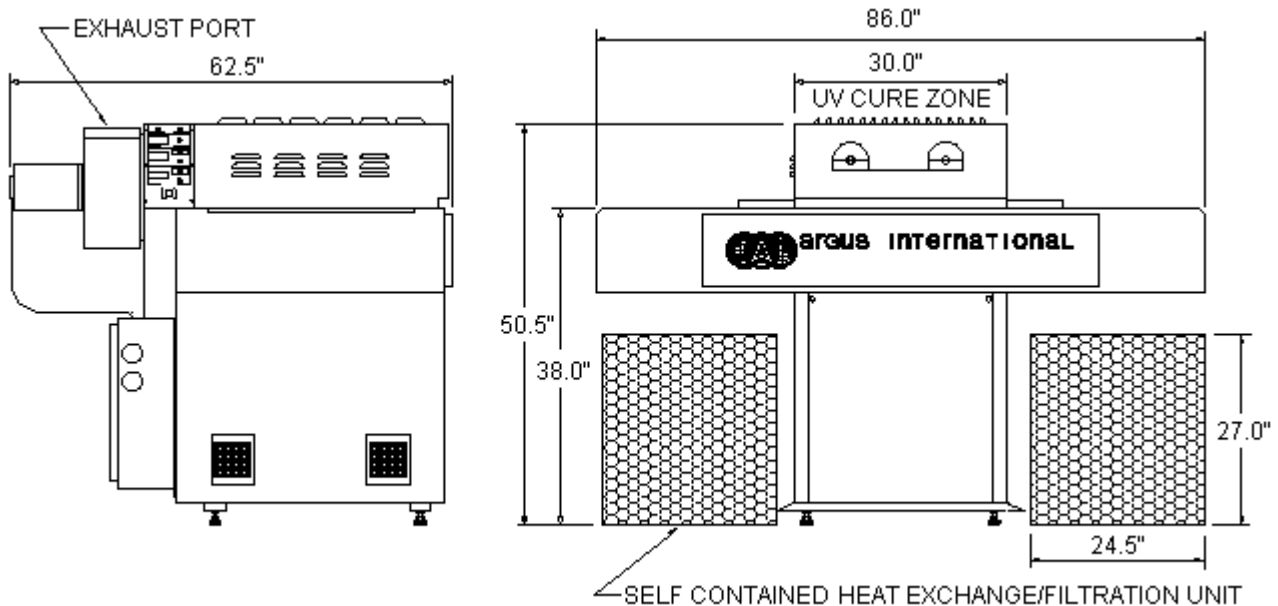


Figure: PC7725 Double Sided UV Curing System Machine Dimensions