



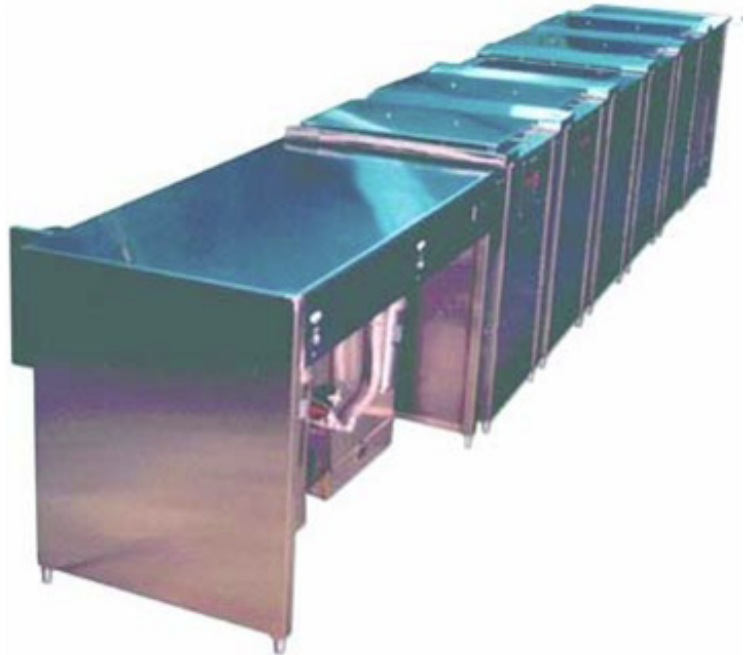
ULTRASONIC CONSOLE WORKSTATIONS - TYPE CT

OVERVIEW

The modular Power Sonics ultrasonic console tanks are commonly used as tabletop, benchtop, or cellular stand alone washers. This modular design also allows creating a custom cleaning line arrangement from standard equipment. Changing and adding to the arrangement is simple and provides endless versatility as your needs change. The 20 kHz magnetostrictive transducers provide the ultimate in cleaning power meeting your most stringent cleaning needs.

HIGH INTENSITY ULTRASONIC POWER

As the name implies, power in the bath directly affects cleaning capability. The 20 kHz magnetostrictive transducer, driven as a uniform unit by an intense generator signal, optimizes energy transfer to the bath to maximize ultrasonic scrubbing. By exploiting all factors in design and construction, power levels of 10 Watts per square inch are achieved.

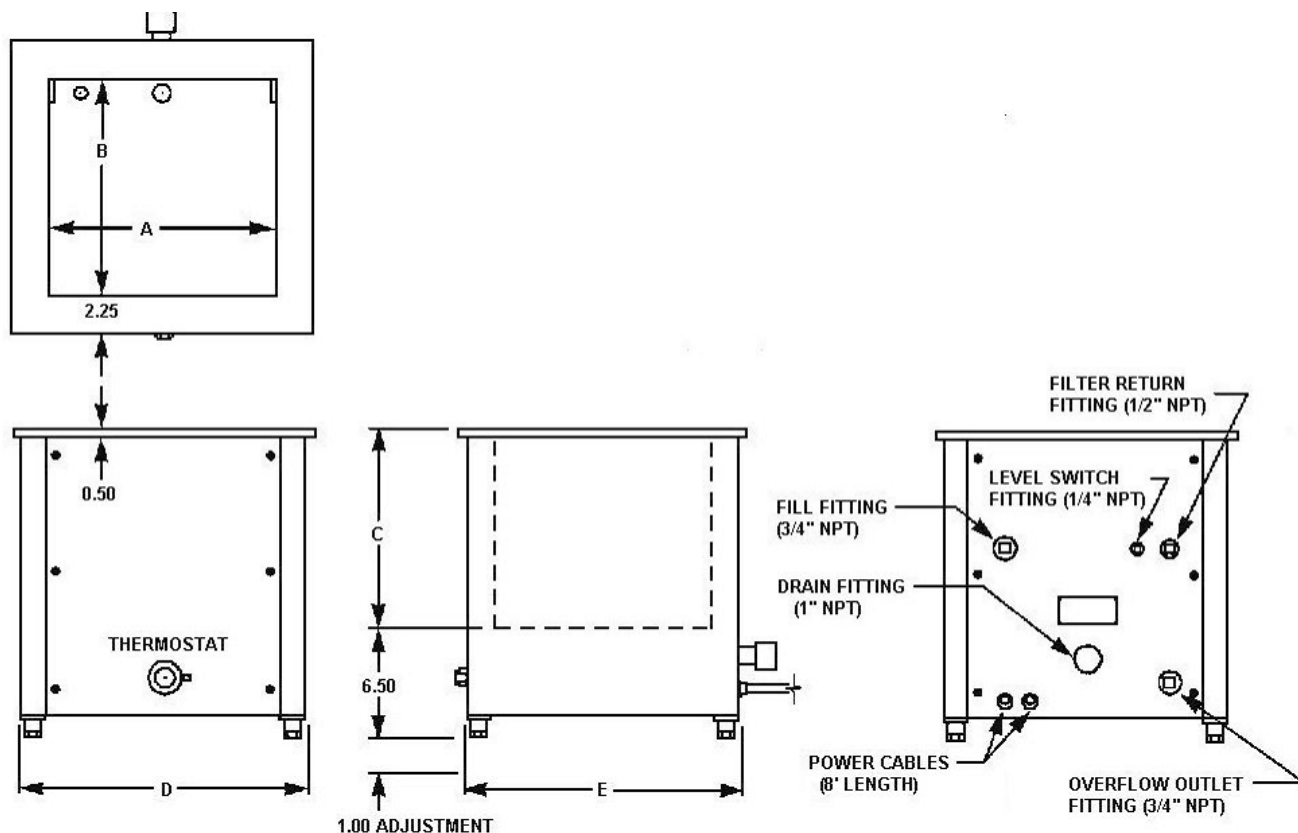


STANDARD CONSOLE TANK FEATURES

- 316L stainless steel on all wetted surfaces
- Strip heaters controlled through an integral front mounted thermostat
- Double walled construction with removable stainless steel panels
- Insulated walls for heat and sound control
- Adjustable legs allow for easy leveling
- Lip flange for optional drop-in mounting
- Unobstructed tank interior for working convenience and safety

KIT OPTIONS AVAILABLE

- Workstation base for each Type CT tank size to elevate tank to counter height for operator convenience
- Console panel kit with drain board to join two CT tanks of the same size
- Liquid level switch to provide a contact closure to monitor liquid level status
- Overflow weir for continuous solution overflow
- Insulated lid in hinged or lift off versions
- Caster set for mobility
- Non-ultrasonic tanks can be equipped with a spray rinse or an air blow-off manifold
- All tanks are built to accept any of these kits on a field retrofit basis with complete hardware and instructions. Power Sonics can also mechanically assemble and integrate your console tank line-up at the factory.



NOTE: Model CT09-P1K is illustrated in this drawing, optional work station base not shown.

MACHINE DIMENSIONS						
MACHINE MODEL		CT-09P1K	CT-15P1K	CT-16P2K	CT-25P2K	CT-37P3K
INSIDE TANK:						
Length	A	14.00"	20.00"	14.00"	20.00"	20.00"
Width	B	13.00"	10.00"	22.00"	16.00"	24.00"
Depth	C	12.00"	18.00"	12.00"	18.00"	18.00"
OVERALL TANK:						
Width	D	17.25"	23.25"	17.25"	23.25"	23.25"
Length	E	16.50"	13.50"	25.50"	19.50"	27.50"

GENERAL DATA						
Volume (nom. gal.)		9	15	16	25	37
Ultrasonic Power Output (Watts)		1000	1000	2000	2000	3000
Number of Generators Needed		1	1	2	2	3
Heater Rating (Watts)		2000 @ 120V	3000 @ 240V	3000 @ 240V	4000 @ 240V	6000 @ 240V
Tank Electrical Supply (See Note 1)		17.00A	12.50A	12.50A	17.00A	25.00A

NOTE

1. Reflects ampere draws needed for tank only. Separate power supply need for ultrasonic generators.

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