

JCP 1724 Jet Cleaner

Remove Polymers and Compounds
from Metallic Parts

Suitable for removing from metal parts and extrusion hardware all types of thermoplastic and thermoset compounds in a safe, efficient manner without the use of cleaning media.



Benefits

- Capable of removing most polymeric materials
- Fast cleaning cycle
- Simple operation
- Reliable and maintenance-free operation
- Gentle cleaning extends part life
- Operator safety
- Energy-saving operation
- Labor saving

FEP - OPTIONAL UNIT AVAILABLE

Safety

Since cleaning takes place under vacuum, combustion does not occur. This feature provides a high degree of operator safety and the parts are equally protected from excessive or localized high temperatures, insuring freedom from annealing and stress cracking.

Environment

Clean your tooling by removing material, not burning it away. Cleaning in an oxygen starved chamber eliminates combustion and minimizes environmental impact. Consult our Environmental Report for additional details.

The Model JCP 1724 Jet Cleaner with working dimensions of 15 1/2" and 23 1/2" depth represents one of the most popular model sizes of the Xaloy Jet Cleaner product line.

It is ideally suited for small to intermediate size cleaning applications. All Xaloy Jet Cleaners utilize heat and vacuum to remove material such as thermoplastic from metal parts. In most cases cleaning cycles are accomplished within 120-240 minutes at an operating temperature range between 800°F and 900°F and a vacuum of twenty-five (25) inches of mercury. The unit can be easily installed in any area having available facilities of water supply, water drain and electrical power.

Operation

Cleaning is totally automatic.

The operator loads the parts into the parts tray, moves the carriage assembly to the operating position, secures the door, sets the cycle time and temperature, starts the unit and walks away. The parts to be cleaned

are heated in an oxygen starved chamber where the polymer melts and drains into the primary trap collector pan. Remaining polymer is vaporized and then water scrubbed in a secondary trap where condensates are collected in a secondary trap basket. At the end of the cycle the chamber is automatically

depressurized and the heaters and vacuum pump shut down. The operator then simply opens the chamber door, removes the cleaned parts, checks and cleans the traps if necessary and the unit is ready for another cycle.

www.xaloy.com

EXTRUSION

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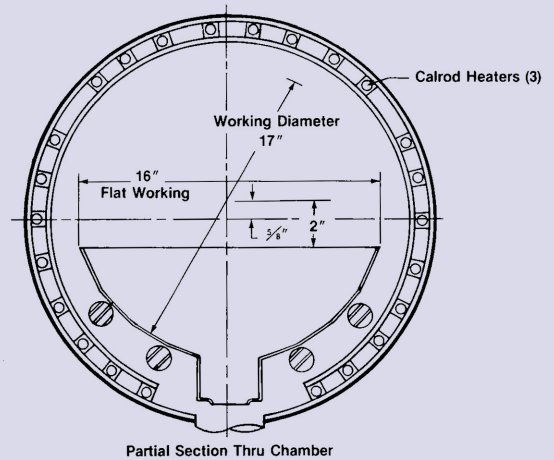
JCP 1724 Jet Cleaner

Specifications

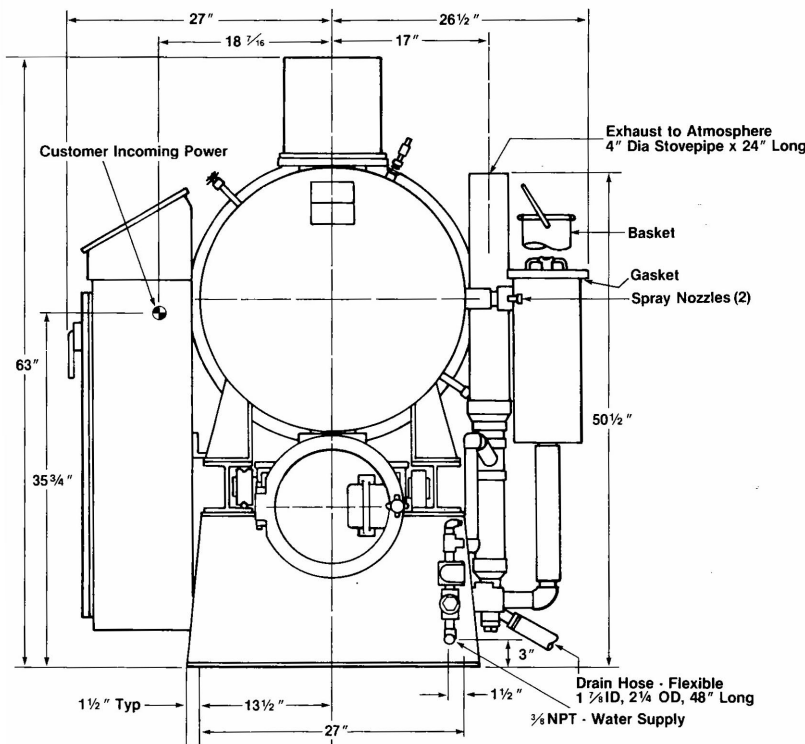
Our worldwide presence includes sales and service offices located in the United States, Europe, Thailand, Japan, China and India and a global network of agents geographically positioned to serve customers throughout the world.

Standard Units	Cleaning Capacity dimensions (inches)
JC-MINI	9 1/2 dia. x 12
JC-1724	15 1/2 dia. x 23 1/2
JC-1760	15 1/2 dia. x 60
JC-2448	24 dia. x 48
JC-2484*	24 dia. x 84
JC-24100*	21 1/4 dia. x 100
JC-3648	36 dia. x 48
JC-3672*	36 dia. x 72
JC-24150*	23 dia. x 150
JC-40160*	28 dia. x 160
JC-5484*	43 dia. x 84

* Depends on weight of part(s) to be cleaned.



Dimensions



Primary Trap:

Located beneath and attached to the chamber, collects any melted resin. Trap consists of a cast aluminum housing with swing bolt clamped cover containing a seal gasket. Removable stainless steel collector pan is included.

Secondary Trap:

Positioned vertically in the pipe run between the chamber and vacuum pump. Condenses and collects any vapors by means of a water spray mist scrubber. Fabricated from welded carbon steel with quick open cover containing a seal gasket. Included is removable mesh basket.

Vacuum Pump:

Water ring design vacuum pump with integral TEFC motor mounted to frame of unit. Inlet port connection is in-line with the chamber and secondary trap. Outlet port feeds the water-vapor separator.

Water-Vapor Separation:

Located in the vacuum pump outlet line. It directs water to drain and vapors to atmosphere. Customer provides pipe connection to atmosphere and locates and wires optional exhaust fan.

Electrical Control Console:

Pre-wired NEMA-12 enclosure with the top control portion containing a temperature controller, cycle timer, vacuum gauge, power switch cycle start button and high temperature override monitoring light. All items and components in the lower section are prewired allowing for fully automatic operation. Controls at 115 volts.

Other:

Included are appropriate solenoid operated water and air valves along with a filter in the water inlet line and a preset water flow rate control.

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