Colex Pre-Installation Guide

RTK55-45DP & RTK80-45DP

All plumbing and electrical work must be completed by the purchaser before scheduling installation. Colex field service personnel are neither licensed or bonded to perform such work.

You may be held responsible for any additional service charges incurred.

Positioning and Leveling.

The first and most important component of the installation is leveling of the processor. The processor is usually placed through a wall for darkroom feeding and daylight delivery of prints. Consult illustrations for wall cut out dimensions. Strips of plywood or masonite should be provided to cover the top and sides of the opening. All opening dimensions are based on standard wall thickness of 4", and allowances have been made for service access and installation of optional feed cover assemblies. If the wall thickness is one inch or less, the cutout height may as indicated on page 3. Tape should be applied to all drywall edges to prevent dust formation. The wall space immediately above the processor should be left clear to permit easy removal of processor racks. Shelves, electric and water supplies should be mounted on the wall alongside the processor opening and not above it.

Light Tightening

Light tightening of the installation is the responsibility of the purchaser. Strips of plywood or masonite panels may be used to enclose the processor. Separate strips should be used for the top and sides of opening, and should be attached to the wall with screws, to allow easy access for service. Caulking or foam weather stripping may be used in seams to ensure light-tightness. Foam weather stripping is recommended over caulking since it allows the equipment to be moved away from the wall for service, if required.

Electrical Supply

A wall mounted disconnect should be installed less than six feet away from the side of the processor on the light side of the wall. Approximately 18 feet of cable should be provided for the installation. An electrician should be employed to connect the control box to the electric supply.

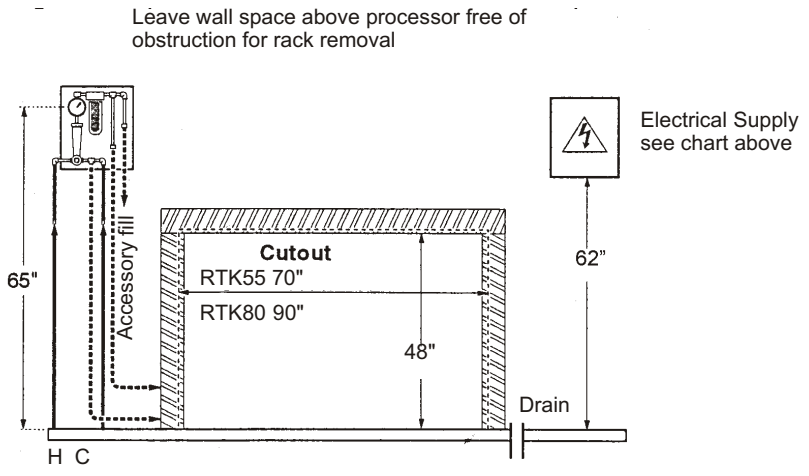
Specifications

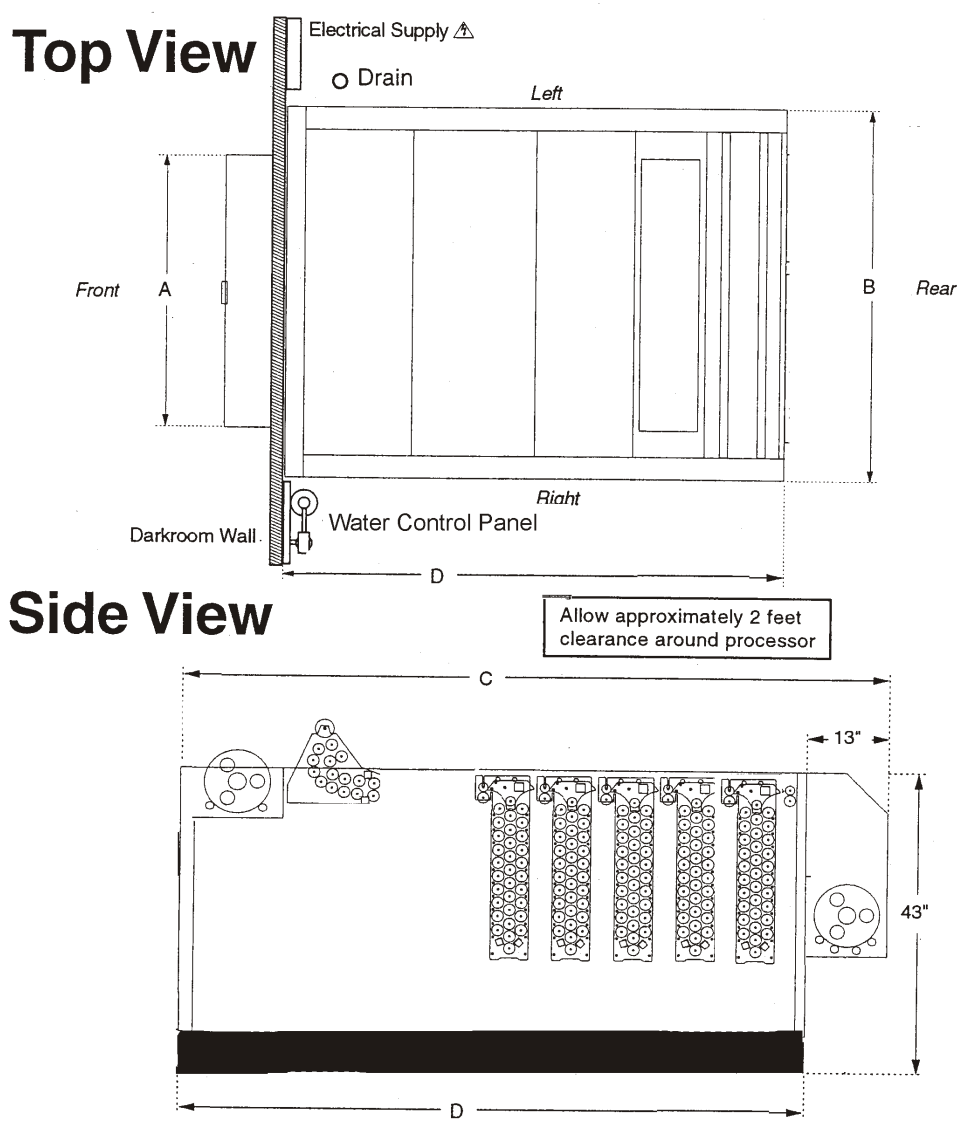
Model	55-45DP	80-45DP
Process	RA4	RA4
Speed ipm	45	45
Developer g/l	18/65	23/85
Bleach/Fix g/l	18/65	23/85
Water gpm	3	4
Power Amps	70	100
Dimensions A	65"	85"
B	75"	95"
C	108"	108"
D	94"	94"

The units are designed for 3 phase electrical power.

Consult an electrician to determine the size of the wall mounted disconnect and wire for the electrical supply to the processor. The above processors operate 208-240 VAC or 380 VAC 3Ø, 50/60Hz.Plus ground. The processor can be field configured for your power supply.

Wall Opening





The RTK55-45DP and the RTK80-45DP are crated in two wooden containers. The smaller one is for racks and spare parts. The other for the main body of the machine. The units can be seperated into two parts for shipment at an extra cost.

If the unit is shipped in two parts it is very important during installation that the two parts are realigned correctly. The processors shape will be out of square if not aligned and will not function corectly and cause problems with the integrety of the processor.

The installation engineers can further disassemble the processor if it is necessary for transportation into the work site area and will reassemble as necessary.

Water Supply
A thermostatically controlled, filtered water supply with shut off valves on the inlets and outlets of the water control panel is required. The outlets should terminate in ¾" male garden hose thread fittings, one for supplying the processor and one for an auxiliary outlet, and be installed within six feet of the processor on the light side of the darkroom wall. The water control panel should have a temperature display and a flow meter. The whole assembly should be mounted at eye level for ease of monitoring. A cold water supply for cooling with shut off valve and terminating in a ¾" male garden hose thread fitting should also be provided. Vacuum breakers may be required by local plumbing codes. All these requirements have been met by the Colex water Control Panel, part number M90411. The processor is supplied with hoses with female ¾" garden hose thread fittings on each end.

Drain
Discharge of effluent may be regulated by local codes.
The processor drain outlet is a Shed. 40 1¼" I.D. PVC pipe. The drain outlet is located at the floor level on the non drive side of the processor. A vented PVC floor drain should be located on the left side of the processor (see TOP VIEW drawing on previous page) about six inches from the unit. If it is not possible to install a drain at floor level, a small platform may be necessary to raise the processor to the proper level.

Caution: Metal pipe of any kind is not recommended for use with photographic processing wastes. If local plumbing codes prohibit the use of PVC pipe, then ABS, polypropylene, or other plastic pipe may be substituted if permitted by code.

Replenishment
Colex offers several replenishment options. From freestanding 30 gallon tanks to Chemical Management Systems. They should all be located within 25 feet of the operating processor. For convenience we recommend the Chemical Management System . This is an integrated mixing and holding system which eliminates the transfer of replenisher chemicals from a separate mixing station or mixer. Also availabe as an option, the Colex Mixer, an automated mixing system, designed for the RTK55 and RTK80DP units handling wide format long roll paper or display film, mixes replenishment as the processor is in operation.

If you have any questions regarding the requirements listed call service at 201-265-5670

Specifications subject to change without notice April 2006

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