

BELCO®

ATHLETIC LAUNDRY EQUIPMENT COMPANY INC
WORLD'S ONLY TRUE ATHLETIC LAUNDRY/CHOICE OF THE PROS

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WASHER-EXTRACTOR INSTALLATION INSTRUCTIONS

GENERAL INFORMATION

Upon delivery of machine, uncrate and check for possible shipping damage. Any damage claims must be filed immediately with delivering freight carrier. Save all crating materials for inspection by freight company inspector. Inspection must be done ASAP.

Decide where to install washer. **Because of the opening direction of washer and dryer doors, it is best to place washer to the right of dryer.** This allows operator to move between machines without having to walk around the doors. Select suitable area having level floor, suitable drainage, proper electrical service and washer connections. **Consider future maintenance access and allow 18"-24" clearance behind machine.**

MACHINE FOUNDATION

Washer must be anchored to a level concrete "ground" floor. **DO NOT USE CERAMIC TILE FLOORING WITH GROUT BED!** Upper level floors or ones with crawl spaces under them are not recommended unless floor strengthening measures are made. Upper level floors are limited to 30lb model or small for solid mount machines, 60 lb model or smaller for the soft mount machines.

NEW CONSTRUCTION: For models 20lb - 60lb, new concrete floor should be poured a minimum 6"-10" thick under area where washer is to be anchored. **DO NOT USE CONCRETE PAD!** Pads restrict placement of equipment. For models 75lb and larger, approved anchor bolts must be set when concrete floor is poured and must be a minimum of 12" thick under washer area because of larger capacity and higher extraction speeds.

ON EXISTING FLOOR: For models 20lb - 60lb, level concrete floor should be a minimum of 4" thick under area where washer is to be anchored. If floor is less than 4" thick you may have to core drill holes or tear up floor and re-pour with approved anchor bolts. **Contact Belco for detailed installation instructions on using BELCO STEEL MOUNTING BASE and RAWL BOLTS.**

MOUNTING MACHINES

We recommend using the **BELCO STEEL MOUNTING BASE (6" & up) and the RAWL WEDGE ANCHORS #7442 (3/4" X 5-1/2")** for proper installation. **DO NOT USE CONCRETE PAD!** Machine must be level front-to-rear and side-to-side. Grout if necessary. Do not use shims under base or frame of machine. Use all holes provided (8-12) when anchoring bases to floor and all holes on frame of washer (4-6) when bolting to steel base. The machine must be anchored securely to prevent machine vibration in high speed spin. Test machine with full load in tub. Any "shaking" of machine is caused by loose anchor bolts or improper foundation. **If you fail to correct vibration, you will void warranty!**

PLUMBING CONNECTIONS

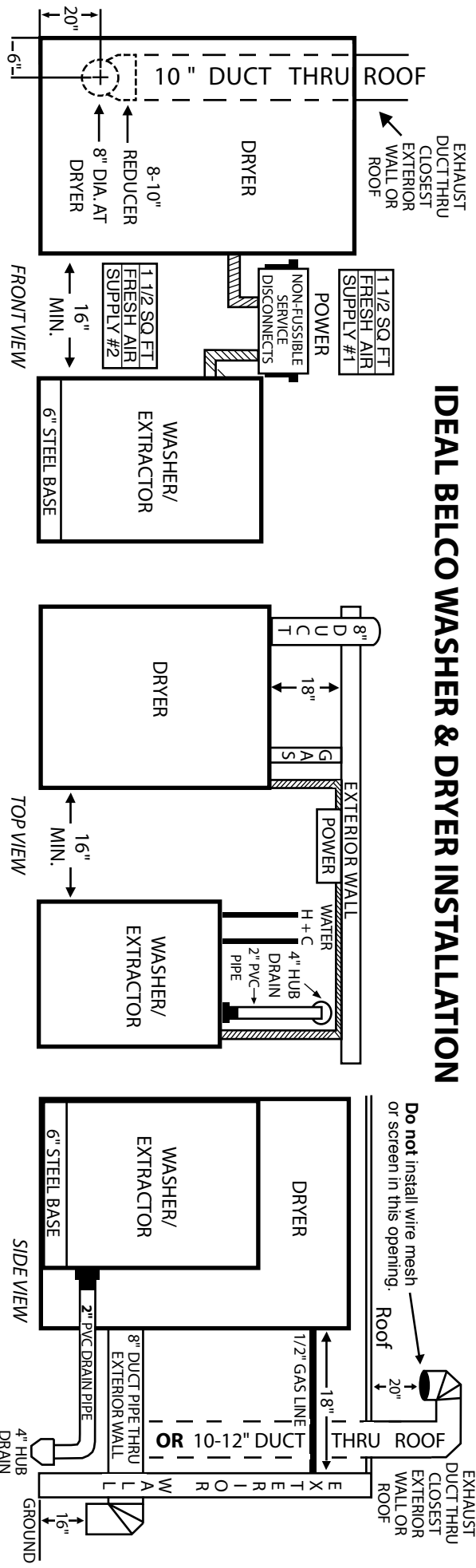
The drain valve on the washer is gravity flow type. Machine does not have a pump, so the floor drain or a 3"-4" PVC pipe stubbed up from the floor must be used. Drain must be lower than drain valve pipe at the rear of the machine which is 3" off the floor. If using a standing wall pipe for drainage, cut pipe 2" above "P" trap and clamp a rubber 2" elbow to drain pipe, making sure elbow is at or below washer drain connection. The BELCO STEEL BASE (6" & up) should be used to elevate machine above floor for proper drainage. Provide shutoff valves with threaded nipples (3/4") for hoses for both hot and cold water supply lines. **Flush all water lines for three (3) minutes before connecting to machine!**

ELECTRICAL CONNECTIONS

Double check your electrical service with data plate. Install an electrical service disconnect for future service work. Connect power line to the terminal block at rear of machine. Use only a three phase "SINGLE LEVER" circuit breaker at main panel for three phase models. Do not use three individual circuit breakers tied together with a "gang-bar" or three (3) cartridge fuses. One breaker could trip or one fuse could blow causing the motor to single phase and burn out! This will void warranty! Fuses or breakers may be used on single phase machines only!

MODEL	VOLTAGE	PHASE	BREAKER SIZE	WIRE SIZE
20lb	110-120	1	20 amp	#12
20lb-30lb-40b-60lb-80lb	208-240	3	20 amp	#12
20lb-30lb-40b-60lb	208-240	1	30 amp	#10
20lb-30lb-40b-60lb-80lb	440-480	3	15 amp	#14

IDEAL BELCO WASHER & DRYER INSTALLATION



1. OPERATING INSTRUCTIONS
2. CYCLE STATUS LED
3. AUTOMATIC SOAP SUPPLY BOX
4. DIGITAL TIMER DISPLAY
5. CYCLE/TEMP SELECT SWITCH
6. START SWITCH
7. EMERGENCY STOP
8. POWER CONNECTION FOR WASHER
9. POWER CONNECTION FOR LIQUID SUPPLY
10. COLD WATER INLET
11. HOT WATER INLET
12. VACUUM BREAKER
13. EXTERNAL CHEMICAL SUPPLY INLET
14. DRAIN OUTLET

**ATTN: SCHOOL ARCHITECTS
FILE FOR FUTURE REFERENCE**

SPECIFICATIONS

WASHER MODEL	DRY WEIGHT CAPACITY	CYLINDER SIZE	CYLINDER VOLUME	EXTRACT SPEED	G FORCE	NET WEIGHT	WATER USAGE
BELCO 20	20 lbs.	21" x 13 3/4"	2.76 cu ft.	525 rpm	82 G	387 lbs.	35 gal.
BELCO 30	30 lbs.	24" x 16"	4.19 cu ft.	480 rpm	78 G	489 lbs.	45 gal.
BELCO 40	40 lbs.	26 1/4" x 20 1/4"	6.34 cu ft.	470 rpm	82 G	692 lbs.	110 gal.
BELCO 60	60 lbs.	30" x 22"	9.0 cu ft.	450 rpm	86 G	812 lbs.	130 gal.
BELCO 80	80 lbs.	36" x 22"	12.4 cu ft.	396 rpm	81 G	1374 lbs.	150 gal.

DIMENSIONS

MODEL	A HEIGHT	B WIDTH	C DEPTH	D HT TO BOTTOM OF DOOR
BELCO 20	42"	26"	30 1/4"	20"
BELCO 30	45"	29"	35"	20"
BELCO 40	47"	31"	40"	21"
BELCO 60	50"	34"	43"	20"
BELCO 80	57"	41 1/2"	51 1/2"	24"