

EQUIPMENT LIST					
ITEM	MANUFACTURER	MODEL	DESCRIPTION	QTY.	FUTURE
1	UNIMAC	UW100TV	WASHER-EXTRACTOR	2	
2	UNIMAC	UT120N	TUMBLER	2	

ELECTRICAL REQUIREMENTS				
MODEL	VOLTAGE	FULL LOAD AMP DRAW	CIRCUIT BREAKER	WIRE SIZE
UW100TV	208-240/60/3 $\phi$	11A	20A	AWG12
UT120N	208-240/60/3 $\phi$	7.7A	15A	AWG14

ALL MACHINES MUST BE GROUNDED. PROVIDE GROUND SOURCE IN ACCORDANCE WITH CODES.

CONSULT ELECTRICAL CODE FOR LOCAL REQUIREMENTS. USE ONLY 3 POLE CIRCUIT BREAKERS FOR 3 $\phi$  SERVICE. MANUFACTURERS RECOMMEND PROVIDING 1 CIRCUIT BREAKER FOR EACH MACHINE.

FOR SAFETY PURPOSES, CLEARLY MARKED & EASILY ACCESSIBLE POWER CUTOFF SWITCHES CAN BE PROVIDED FOR EACH MACHINE.

DRAIN REQUIREMENTS		
MODEL	REQUIRED MIN. DRAIN LINE FROM MACHINE	REQUIRED MIN. DRAIN LINE FOR EACH BULKHEAD.
UW100TV	2 x 3"	Trough Drain

DRAIN MUST BE VENTED.  
CONSULT PLUMBING CODES FOR LOCAL REQUIREMENTS.

DYNAMIC LOAD SPECIFICATIONS				
MODEL	STATIC LOAD,LBS	DYNAMIC LOAD LBS	MAXIMUM DYNAMIC LOAD,LBS	DYNAMIC LOAD FREQUENCY Hz
UW100TV	219	3690	3690	12.8

\* DYNAMIC LOAD FREQUENCY AT HIGHEST FACTORY-PRESET EXTRACT SPEED.

GAS REQUIREMENTS					
MODEL	OPERATING PRESSURE (wci)	GAS TYPE	MAX INPUT BTU/HOUR	CONNECTION SIZE	RECOMMENDED SUPPLY LINE
UT120N	6.5"±1.5"	NATURAL	300000	3/4"	1 1/2"

PROVIDE 1" LOOP TO EQUALIZE GAS PRESSURE. GAS CONNECTION TO BE PERFORMED BY QUALIFIED TECHNICIAN IN ACCORDANCE WITH LOCAL CODES.



EXHAUST/VENT REQUIREMENTS			
MODEL	SIZE	AIR FLOW	MIN. CROSS SECT. AREA ALL MACHINES
UT120N	10"	1600 cfm	2x95 sq in

PROVIDE AT LEAST 5.0 SQ FT OPEN AREA FOR ALL DRYER MAKE-UP AIR SUPPLY.

THIS FIGURE DOES NOT INCLUDE MAKE-UP AIR PROVISIONS FOR FINISHERS IF APPLICABLE.

WATER REQUIREMENTS													
MODEL	COLD WATER			HOT WATER			AVERAGE HOT WATER USAGE IN GALLONS/CYCLE	MAXIMUM VALVE FLOW GALLONS/MINUTE		RECOMMENDED LINE SIZE TO SUPPLY MACHINE		RECOMMENDED LINE SIZE TO SUPPLY ALL MACHINES	
	CONNECTION SIZE	PRESSURE		CONNECTION SIZE	PRESSURE			COLD	HOT	COLD	HOT	COLD	HOT
		MIN.	MAX.		MIN.	MAX.							
UW100TV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	150	25	25	1"	1"	1 1/2"	1 1/2"

HOT WATER USAGE FIGURES ARE ESTIMATES. ACTUAL CONSUMPTION WILL VARY DEPENDING ON LOCAL CONDITIONS, NUMBER OF CYCLES AND CYCLE TIMES SELECTED, LOAD SIZES AND MATERIALS PROCESSED.

Project No.	Preliminary plan for: <b>UniMac OPL</b> <b>Utility Example</b>		This drawing is not intended for construction purposes. Equipment specifications are subject to change without notice.			
L099999						
SQ. FT.				ESZ	Preliminary	22-Sep-08
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