

LAUNDRY EQUIPMENT LIST					
ITEM	MANUFACTURER	MODEL	DESCRIPTION	QTY.	FUTURE
1	UNIMAC	UWT130V40V	WASHER-EXTRACTOR	3	
2	UNIMAC	UT170N	TUMBLER	3	

DRAIN OUTLET SIZE		
MODEL	MACHINE DRAIN OUTLET	ESTIMATED DRAIN LINE FOR EACH BULKHEAD
UWT130V40V	2 x 3"	TROUGH DRAIN

IMPORTANT!: MACHINE MUST BE INSTALLED IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES.

IMPORTANT!: THE ESTIMATED DRAIN LINE FOR EACH BULKHEAD IS BASED ON THE DRAIN FLOW CAPACITY OF EACH MACHINE, AND ONLY TAKES INTO ACCOUNT THE LAUNDRY EQUIPMENT REQUIREMENTS. WHEN CONDUCTING FINAL SIZING OF THE OUTGOING SEWER LINE, A PROFESSIONAL SHOULD BE CONSULTED AS FIGURES MAY VARY BASED ON LOCAL CODE REGULATIONS, DISTANCE AND CONFIGURATION OF PLUMBING, AND OTHER SEWER REQUIREMENTS FROM NON-LAUNDRY FIXTURES.

GAS INLET SIZE					
MODEL	OPERATING PRESSURE (wci)	GAS TYPE	MAX INPUT BTU / HOUR	CONNECTION SIZE	ESTIMATED GAS SUPPLY LINE
UT170N	7"±1.5"	NATURAL	395000	1"	2 1/2"
TOTAL			1185000		

NOTE: IT IS IMPORTANT THAT EQUAL PRESSURE BE MAINTAINED AT ALL TUMBLE DRYER GAS CONNECTIONS. THIS CAN BE DONE BY INSTALLING A 1" (25.4mm) PIPE GAS LOOP TO MAINTAIN EQUAL PRESSURE AT ALL GAS CONNECTIONS.

IMPORTANT!: THE ESTIMATED GAS SUPPLY LINE SIZE IS BASED ON A 0.5 PSI (0.04 bar) SUPPLY SYSTEM, AND 60' (18m) LENGTH OF PIPE, AND ONLY TAKES INTO ACCOUNT THE LAUNDRY EQUIPMENT REQUIREMENTS. WHEN CONDUCTING FINAL SIZING OF THE INCOMING GAS LINE, A PROFESSIONAL SHOULD BE CONSULTED AS FIGURES MAY VARY BASED ON SUPPLY SYSTEM SIZE, LOCAL CODE REGULATIONS, DISTANCE AND CONFIGURATION OF PIPING, AND OTHER GAS REQUIREMENTS FROM NON-LAUNDRY FIXTURES.

ELECTRICAL REQUIREMENTS				
MODEL	VOLTAGE/CYCLE/PHASE	FULL LOAD AMP DRAW	CIRCUIT BREAKER	WIRE SIZE AWG [mm]
UWT130V40V	200-240/50-60/3ø	21A	30A	10[6]
UT170N	200-240/50-60/3ø	11A	15A	14[2.5]
TOTALS		96.0A		

NOTE: ELECTRICAL RATINGS ARE SUBJECT TO CHANGE WITHOUT NOTICE. REFER TO SERIAL PLATE FOR ELECTRICAL RATINGS INFORMATION SPECIFIC TO YOUR MACHINE.

NOTE: ELECTRIC HEATED STACK DRYER AND STACK 30 TUMBLE DRYER FULL LOAD AMPS AND CIRCUIT BREAKERS ARE SHOWN PER POCKET. PLEASE CONSULT INSTALLATION MANUAL FOR SPECIFICATIONS.

IMPORTANT!: FOR PERSONAL SAFETY AND PROPER OPERATION, THE MACHINE MUST BE GROUNDED IN ACCORDANCE WITH STATE AND LOCAL CODES.

NOTE: CONNECTIONS MUST BE MADE BY A QUALIFIED ELECTRICIAN. REFER TO THE MANUFACTURER'S INSTALLATION MANUAL FOR MORE DETAILS AND ELECTRICAL REQUIREMENTS.

DYNAMIC LOAD SPECIFICATIONS				
MODEL	STATIC LOAD, LBS/SF	DYNAMIC LOAD, LBS/SF	MAXIMUM DYNAMIC LOAD, LBS/F	DYNAMIC LOAD FREQUENCY Hz
UWT130V40V	178	469	15000	11.8

IMPORTANT!: THOROUGHNESS OF DETAIL MUST BE STRESSED WITH ALL FOUNDATION WORK TO ENSURE A STABLE UNIT INSTALLATION, ELIMINATING POSSIBILITIES OF EXCESSIVE VIBRATION DURING EXTRACT. REFER TO THE MANUFACTURER'S INSTALLATION MANUAL FOR MORE DETAILS.

EXHAUST/VENT OUTLET SIZE			
MODEL	SIZE	AIR FLOW	MIN. CROSS SECT. AREA ALL MACHINES
UT170N	12"	2150 cfm	3x141 sq in

PROVIDE A MINIMUM 15.3 SQ FT OF MAKE-UP AIR OPENING FOR ALL DRYERS.

NOTE: THE MAKE-UP AIR IS SIZED BASED ON A LOUVERED INSTALLATION. AN ADDITIONAL 40% HAS BEEN ADDED DUE TO POSSIBLE AIR FLOW RESTRICTIONS.

NOTE: THIS FIGURE IS CALCULATED BASED ONLY ON THE DRYERS. OTHER GRAVITY VENTED APPLIANCES PRESENT WILL REQUIRE THE MAKE-UP AIR OPENING(S) TO BE INCREASED SUFFICIENTLY TO PREVENT DOWNDRAFTS IN ANY OF THE VENTS.

WATER INLET SUPPLY													
MODEL	COLD WATER			HOT WATER			AVERAGE HOT WATER USAGE IN GALLONS / CYCLE	MAXIMUM VALVE FLOW GALLONS / MINUTE		REQUIRED LINE SIZE TO SUPPLY MACHINE		ESTIMATED WATER LINE SUPPLY SIZE	
	CONNECTION SIZE	OPTIMUM PRESSURE MIN. MAX.		CONNECTION SIZE	OPTIMUM PRESSURE MIN. MAX.			COLD	HOT	COLD	HOT	COLD	HOT
UWT130V40V	1	30lbs	85lbs	1	30lbs	85lbs	90	38.0	38.0	1"	1"	2 1/2"	2 1/2"

NOTE: THE AVERAGE HOT WATER PER CYCLE FIGURE IS PER MACHINE, AND WAS CALCULATED BASED ON 60 PSI OPERATING PRESSURE. ALL HOT WATER USAGE FIGURES ARE ESTIMATED, ACTUAL CONSUMPTION FIGURES WILL VARY DEPENDING ON LOCAL WATER PRESSURES, EQUIPMENT CONDITION, NUMBER OF CYCLES, CYCLE TIMES SELECTED, LOAD SIZES AND THE TYPE OF MATERIALS PROCESSED.

IMPORTANT!: THE ESTIMATED WATER LINE SUPPLY SIZE IS BASED ON OPTIMUM WATER PRESSURE, AND ONLY TAKES INTO ACCOUNT THE LAUNDRY EQUIPMENT REQUIREMENTS. WHEN CONDUCTING FINAL SIZING OF THE INCOMING WATER LINE, A PROFESSIONAL SHOULD BE CONSULTED AS FIGURES MAY VARY BASED ON WATER PRESSURE AVAILABILITY, PLUMBING REGULATION REQUIREMENTS, DISTANCE AND CONFIGURATION OF PIPING, AND OTHER WATER REQUIREMENTS FOR NON-LAUNDRY FIXTURES.



## 200 ROOM HOTEL (SELECT SERVICE)

PROJECT NO.	AREA	DRAWN BY	DATE
LDR-****	1360	KRP	8-Aug-22

NOT FOR CONSTRUCTION PURPOSES. Equipment specifications are subject to change without notice. Please see equipment installation manuals for updated equipment installation requirements.