

EQUIPMENT LIST

ITEM	MANUFACTURER	MODEL	DESCRIPTION	QTY.	FUTURE
1	SPEED QUEEN	SCN080LCV	WASHER-EXTRACTOR	4	
2	SPEED QUEEN	SCN060LCV	WASHER-EXTRACTOR	12	
3	SPEED QUEEN	SCN040LCV	WASHER-EXTRACTOR	12	
4	SPEED QUEEN	SCN030LCV	WASHER-EXTRACTOR	10	
5	SPEED QUEEN	SCN020LCV	WASHER-EXTRACTOR	10	
6	SPEED QUEEN	SFNLCFSP	FRONTLOAD WASHER	6	
7	SPEED QUEEN	SWNLC2SP	TOPLOAD WASHER	4	
8	SPEED QUEEN	STT45N	STACK TUMBLER	14	
9	SPEED QUEEN	STT30N	STACK TUMBLER	18	

DRAIN REQUIREMENTS

MODEL	REQUIRED MIN. DRAIN LINE FROM MACHINE	REQUIRED MIN. DRAIN LINE FOR EACH BULKHEAD.
SCN080LCV	3 1/2"	6"
SCN060LCV	3 1/2"	
SCN040LCV	3 1/2"	
SCN030LCV	2"	
SCN020LCV	2"	
SFNLCFSP	1 1/2"	
SWNLC2SP	1 1/2"	

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

GAS REQUIREMENTS

MODEL	OPERATING PRESSURE (wci)	GAS TYPE	MAX INPUT BTU/HOUR	CONNECTION SIZE	RECOMMENDED SUPPLY LINE
STT45N	6.5"±1.5"	NATURAL	190000	1/2"	Consult Gas Co.
STT30N	6.5"±1.5"	NATURAL	146000	1/2"	
TOTAL			5288000		

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



ELECTRICAL REQUIREMENTS

MODEL	VOLTAGE	FULL LOAD AMP DRAW	CIRCUIT BREAKER	WIRE SIZE
SCN080LCV	208-240/60/3ø	11A	15A	AWG14
SCN060LCV	208-240/60/3ø	8A	15A	AWG14
SCN040LCV	208-240/60/3ø	6A	15A	AWG14
SCN030LCV	208-240/60/3ø	5A	15A	AWG14
SCN020LCV	208-240/60/3ø	4A	15A	AWG14
SFNLCFSP	110-120/60/1ø	11A	15A	AWG14
SWNLC2SP	110-120/60/1ø	9A	15A	AWG14
STT45N	208-240/60/1ø	12A	15A	AWG14
STT30N	110-120/60/1ø	16A	20A	AWG12
TOTALS	N/A	784A	1440A	N/A

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 3ø 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.

DYNAMIC LOAD SPECIFICATIONS

MODEL	STATIC LOAD, LBS/SF	DYNAMIC LOAD LBS/SF	MAXIMUM DYNAMIC LOAD, LBS/SF	DYNAMIC LOAD FREQUENCY Hz
SCN080LCV	126.9	350.5	350.5	8.7
SCN060LCV	116	261	261	9.6
SCN040LCV	121	238	238	10.2
SCN030LCV	102	214	214	10.7
SCN020LCV	105	207	207	11.5

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

EXHAUST/VENT REQUIREMENTS

MODEL	SIZE	AIR FLOW	MIN. CROSS SECT. AREA ALL MACHINES
STT45N	10"	1350 cfm	14x98 sq in
STT30N	8"	700 cfm	18x63 sq in

PROVIDE AT LEAST 64.0 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	
SCN080LCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	74.4	12	12	3/4"	3/4"	2 1/2"	2 1/2"	
SCN060LCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	13	12	12	3/4"	3/4"			
SCN040LCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	10.3	12	12	3/4"	3/4"			
SCN030LCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	6.6	12	12	3/4"	3/4"			
SCN020LCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	1.1	12	12	3/4"	3/4"			
SFNLCFSP	3/4NH	NA	NA	3/4NH	NA	NA	1.59	12	12	1/2"	1/2"			
SWNLC2SP	3/4NH	NA	NA	3/4NH	NA	NA	2.99	12	12	1/2"	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.	<h1 style="margin: 0;">Quantum Gold Store</h1>	This drawing is not intended for construction purposes. Equipment specifications are subject to change without notice.			
C09KRP-SQ			KRP	Utility Schedule	11-Aug-09
Sq. Ft. 6000			DRAWN BY	DESCRIPTION	DATE