LAUNDRY EQUIPMENT LIST

ITEM	MANUFACTURER	MODEL	DESCRIPTION	QTY.	FUTURE
1	SPEED QUEEN	SCT100VC0V	WASHER–EXTRACTOR	2	
2	SPEED QUEEN	SCT080VC0V	WASHER–EXTRACTOR	4	
3	SPEED QUEEN	SCT060VC0V	WASHER–EXTRACTOR	8	
4	SPEED QUEEN	SCT040VC0V	WASHER–EXTRACTOR	16	
5	SPEED QUEEN	SCT020VC0V	WASHER–EXTRACTOR	16	
6	SPEED QUEEN	STT45N	STACK TUMBLER	20	
7	SPEED QUEEN	ST075N	TUMBLER	6	

DRAIN OUTLET SIZE

MODEL	MACHINE DRAIN OUTLET	ESTIMATED DRAIN LINE FOR EACH BULKHEAD
SCT100VC0V	3"	
SCT080VC0V	3"	
SCT060VC0V	3"	
SCT040VC0V	3"	
SCT020VC0V	3"	TROUGH DRAINS

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
STT45N	7"±1.5"	NATURAL	190000	1/2"	
ST075N	7"±1.5"	NATURAL	165000	1/2"	4"
TOTAL			4790000		

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]
SCT100VC0V	200–240/50–60/1ø	16A	20A	12[4]
SCT080VC0V	200–240/50–60/1ø	15A	20A	12[4]
SCT060VC0V	200–240/50–60/1ø	11A	15A	14[2.5]
SCT040VC0V	200–240/50–60/1ø	7A	15A	14[2.5]
SCT020VC0V	200–240/50–60/1ø	4A	15A	14[2.5]
STT45N	200–240/50–60/1ø	12A	15A	14[2.5]
ST075N	200–240/50–60/1ø	7A	15A	14[2.5]
TOTALS		638.0A		

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
SCT100VC0V	149	149	4330	9.5
SCT080VC0V	140	149	4330	10.4
SCT060VC0V	105	143	2770	11.4
SCT040VC0V	98	119	1820	12.2
SCT020VC0V	97	96	805	13.7

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
STT45N	10"	1200 cfm	20x98 sq in
ST075N	8"	800 cfm	6x63 sq in

PROVIDE A MINIMUM 67.4 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.	OPTIMUM PRESSURE MAX.	CONNECTION SIZE	OPTIMUM PRESSURE MIN.	OPTIMUM PRESSURE MAX.		COLD	HOT	COLD	HOT	COLD	HOT
SCT100VC0V	3/4	30lbs	80lbs	3/4	30lbs	85lbs	19	11.5	11.5	3/4"	3/4"		
SCT080VC0V	3/4	30lbs	85lbs	3/4	30lbs	85lbs	16.4	11.5	11.5	3/4"	3/4"		
SCT060VC0V	3/4	30lbs	85lbs	3/4	30lbs	85lbs	11.8	9.3	9.3	3/4"	3/4"		
SCT040VC0V	3/4	30lbs	85lbs	3/4	30lbs	85lbs	9.6	5.3	5.3	3/4"	3/4"		
SCT020VC0V	3/4	30lbs	85lbs	3/4	30lbs	85lbs	5.0	5.3	5.3	3/4"	3/4"	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.