

LAUNDRY EQUIPMENT LIST					
ITEM	MANUFACTURER	MODEL	DESCRIPTION	QTY.	FUTURE
1	SPEED QUEEN	SCT080NCOV	WASHER-EXTRACTOR	2	
2	SPEED QUEEN	SCT060NCOV	WASHER-EXTRACTOR	4	
3	SPEED QUEEN	SCT040NCOV	WASHER-EXTRACTOR	8	
4	SPEED QUEEN	SCT030NCOV	WASHER-EXTRACTOR	8	
5	SPEED QUEEN	SCT020NCOV	WASHER-EXTRACTOR	9	
6	SPEED QUEEN	STT45N	STACK TUMBLER	14	
7	SPEED QUEEN	ST075N	TUMBLER	2	

DRAIN OUTLET SIZE		
MODEL	MACHINE DRAIN OUTLET	ESTIMATED DRAIN LINE FOR EACH BULKHEAD
SCT080NCOV	3"	6"
SCT060NCOV	3"	
SCT040NCOV	3"	
SCT030NCOV	3"	
SCT020NCOV	3"	

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"	3"
ST075N	7"±1.5"	NATURAL	165000	1/2"	
TOTAL			2990000		

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.

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		CONNECTION SIZE	OPTIMUM PRESSURE		COLD		HOT	COLD	HOT	COLD	HOT	
SCT080NCOV	3/4	30lbs	85lbs	3/4	30lbs	85lbs	16.4	11.5	11.5	3/4"	3/4"	2 1/2"	2 1/2"	
SCT060NCOV	3/4	30lbs	85lbs	3/4	30lbs	85lbs	11.8	9.3	9.3	3/4"	3/4"			
SCT040NCOV	3/4	30lbs	85lbs	3/4	30lbs	85lbs	9.6	5.3	5.3	3/4"	3/4"			
SCT030NCOV	3/4	30lbs	85lbs	3/4	30lbs	85lbs	6.2	5.3	5.3	3/4"	3/4"			
SCT020NCOV	3/4	30lbs	85lbs	3/4	30lbs	85lbs	5.0	5.3	5.3	3/4"	3/4"			

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.

ELECTRICAL REQUIREMENTS				
MODEL	VOLTAGE	FULL LOAD AMP DRAW	CIRCUIT BREAKER	WIRE SIZE
SCT080NCOV	208-240/60/1ø	15A	20A	AWG12
SCT060NCOV	208-240/60/1ø	11A	15A	AWG14
SCT040NCOV	208-240/60/1ø	7A	15A	AWG14
SCT030NCOV	208-240/60/1ø	7A	15A	AWG14
SCT020NCOV	208-240/60/1ø	4A	15A	AWG14
STT45N	208-240/60/1ø	12A	15A	AWG14
ST075N	110-120/60/1ø	12A	15A	AWG14
TOTALS		414.0A		

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

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
SCT080NCOV	140	149	4330	10.4
SCT060NCOV	105	143	2770	11.4
SCT040NCOV	98	119	1820	12.2
SCT030NCOV	95	109	1260	12.8
SCT020NCOV	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	14x98 sq in
ST075N	8"	800 cfm	2x63 sq in

PROVIDE A MINIMUM 43.0 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.



**KELLY'S
LAUNDROMAT**

PROJECT NO.

C1815022

AREA

2760

DRAWN BY

SRJ

DATE

6-Dec-18



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