

LAUNDRY EQUIPMENT LIST					
ITEM	MANUFACTURER	MODEL	DESCRIPTION	QTY.	FUTURE
1	IPSO	ICN080KCV	WASHER-EXTRACTOR	2	
2	IPSO	ICN060KCV	WASHER-EXTRACTOR	2	
3	IPSO	ICN040KCV	WASHER-EXTRACTOR	4	
4	IPSO	ICN030KCV	WASHER-EXTRACTOR	8	
5	IPSO	ICN020KCV	WASHER-EXTRACTOR	8	
6	IPSO	ITT45N	STACK TUMBLER	4	
7	IPSO	IT075N	TUMBLER	2	
8	IPSO	ITT30N	STACK TUMBLER	8	

DRAIN OUTLET SIZE		
MODEL	REQUIRED MIN. DRAIN LINE FROM MACHINE	REQUIRED MIN. DRAIN LINE FOR EACH BULKHEAD
ICN080KCV	3"	4"
ICN060KCV	3"	
ICN040KCV	3"	
ICN030KCV	2"	
ICN020KCV	2"	
TOTAL		

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

GAS INLET SIZE					
MODEL	OPERATING PRESSURE (wci)	GAS TYPE	MAX INPUT BTU/HOUR	CONNECTION SIZE	REQUIRED SUPPLY LINE
ITT45N	6.5"±1.5"	NATURAL	190000	1/2"	3"
IT075N	6.5"±1.5"	NATURAL	165000	1/2"	
ITT30N	6.5"±1.5"	NATURAL	146000	1/2"	
TOTAL			2258000		

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

NOTE: THE RECOMMENDED GAS LINE IS SIZED FOR THE DRYERS ONLY. ALL OTHER ITEMS IN THE LAUNDRY THAT REQUIRE GAS ARE NOT INCLUDED.

ELECTRICAL REQUIREMENTS				
MODEL	VOLTAGE	FULL LOAD AMP DRAW	CIRCUIT BREAKER	WIRE SIZE
ICN080KCV	208-240/60/3ø	9A	15A	AWG14
ICN060KCV	208-240/60/3ø	6A	15A	AWG14
ICN040KCV	208-240/60/3ø	4A	15A	AWG14
ICN030KCV	208-240/60/3ø	4A	15A	AWG14
ICN020KCV	208-240/60/3ø	3A	15A	AWG14
ITT45N	208-240/60/1ø	12A	15A	AWG14
IT075N	208-240/60/1ø	7.6A	15A	AWG14
ITT30N	208-240/60/1ø	8A	10A	AWG14
TOTALS	N/A	229.2A	530A	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. PLEASE REFER TO THE MANUFACTURER'S INSTALLATION MANUAL FOR EXACT BREAKER SPECIFICATIONS.

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
ICN080KCV	137	149	149	10.4
ICN060KCV	106	143	143	11.4
ICN040KCV	100	119	119	12.2
ICN030KCV	99	109	109	12.8
ICN020KCV	96	96	96	13.7

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

NOTE: PLEASE REFER TO THE EQUIPMENT INSTALLATION MANUAL FOR REQUIRED FLOOR & PAD THICKNESS ON SPECIFIC WASHER SIZES AND MODELS.

EXHAUST/VENT OUTLET SIZE			
MODEL	SIZE	AIR FLOW	MIN. CROSS SECT. AREA ALL MACHINES
ITT45N	10"	1200 cfm	4x98 sq in
IT075N	8"	920 cfm	2x63 sq in
ITT30N	8"	800 cfm	8x63 sq in

PROVIDE AT LEAST 22.9 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 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		MIN. REQUIRED LINE SIZE TO SUPPLY ALL MACHINES	
	CONNECTION SIZE	MIN. PRESSURE	MAX. PRESSURE	CONNECTION SIZE	MIN. PRESSURE	MAX. PRESSURE	WATER USAGE IN GALLONS/CYCLE	COLD	HOT	COLD	HOT	COLD	HOT	COLD	HOT
ICN080KCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	17.4	10	10	3/4"	3/4"				
ICN060KCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	14.2	10	10	3/4"	3/4"				
ICN040KCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	9.7	10	10	3/4"	3/4"				
ICN030KCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	6.5	10	10	3/4"	3/4"				
ICN020KCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	4.6	10	10	3/4"	3/4"	2"	2"		

NOTE: THE "AVERAGE HOT WATER USED PER CYCLE" FIGURES SHOWN IN THE UTILITY SCHEDULE ARE FOR EACH MACHINE OF THAT CAPACITY AND NOT FOR THE TOTAL NUMBER OF MACHINES. FOR TESTING, AN AVERAGE WATER PRESSURE OF 60 PSI WAS USED TO DETERMINE THE WATER USAGE FIGURES.

NOTE: ALL HOT WATER USAGE FIGURES ARE ESTIMATES. ACTUAL WATER CONSUMPTIONS WILL VARY DEPENDING ON LOCAL WATER PRESSURES, EQUIPMENT CONDITION, NUMBER OF CYCLES AND CYCLE TIMES SELECTED, LOAD SIZES AND THE TYPE OF MATERIALS PROCESSED.

NOTE: WATER CONSUMPTION AND WATER USAGE INFORMATION SHOWN IN THIS UTILITY SCHEDULE ARE ONLY FOR THE WASHING MACHINES. OTHER ITEMS LOCATED WITHIN THE LAUNDRY SUCH AS WATER HEATERS ARE NOT INCLUDED.



2000 SF COIN LAUNDRY

Project No.

C14****

Area

2000

Drawn By

KRP

Date

31-Mar-15



Equipment specifications are subject to change without notice. Please use this drawing along with the installation manuals for updated equipment installation requirements.