

LAUNDRY EQUIPMENT LIST

ITEM	MANUFACTURER	MODEL	DESCRIPTION	QTY.	FUTURE
1	IPSO	IHO55VCM	WASHER-EXTRACTOR	2	
2	IPSO	IHO40VCM	WASHER-EXTRACTOR	6	
3	IPSO	IHO30VCM	WASHER-EXTRACTOR	8	
4	IPSO	IHO18VCM	WASHER-EXTRACTOR	8	
5	IPSO	ITT45N	STACK TUMBLER	5	
6	IPSO	ITT30N	STACK TUMBLER	7	

DRAIN REQUIREMENTS

MODEL	REQUIRED MIN. DRAIN LINE FROM MACHINE	REQUIRED MIN. DRAIN LINE FOR EACH BULKHEAD.
IHO55VCM	3"	4"
IHO40VCM	3"	
IHO30VCM	3"	
IHO18VCM	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	REQUIRED SUPPLY LINE
ITT45N	6.5"±1.5"	NATURAL	190000	1/2"	2 1/2"
ITT30N	6.5"±1.5"	NATURAL	146000	1/2"	
TOTAL			1972000		

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.

Distributor
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ELECTRICAL REQUIREMENTS

MODEL	VOLTAGE	FULL LOAD AMP DRAW	CIRCUIT BREAKER	WIRE SIZE
IHO55VCM	208-240/60/3ø	4A	10A	AWG14
IHO40VCM	208-240/60/3ø	3.5A	10A	AWG14
IHO30VCM	208-240/60/3ø	2.5A	10A	AWG14
IHO18VCM	208-240/60/3ø	2.5A	10A	AWG14
ITT45N	208-240/60/1ø	12A	15A	AWG14
ITT30N	208-240/60/1ø	8A	10A	AWG14
TOTALS	N/A	174A	385A	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
IHO55VCM	88.45	264.76	264.76	7.5
IHO40VCM	69.92	184.63	184.63	7.8
IHO30VCM	49.9	124.62	124.62	8
IHO18VCM	27.59	58.81	58.81	8.8

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

EXHAUST/VENT REQUIREMENTS

MODEL	SIZE	AIR FLOW	MIN. CROSS SECT. AREA ALL MACHINES
ITT45N	10"	1200 cfm	5x98 sq in
ITT30N	8"	800 cfm	7x63 sq in

PROVIDE AT LEAST 20.7 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 SUPPLY REQUIREMENTS

MODEL	COLD WATER			HOT WATER			AVERAGE HOT WATER USAGE IN GALLONS/CYCLE	MAXIMUM VALVE FLOW GALLONS/MINUTE		REQUIRED LINE SIZE TO SUPPLY MACHINE		REQUIRED LINE SIZE TO SUPPLY ALL MACHINES	
	CONNECTION SIZE	MIN.	MAX.	CONNECTION SIZE	MIN.	MAX.		COLD	HOT	COLD	HOT	COLD	HOT
IHO55VCM	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	20.95	12	12	1"	1"	1 1/2"	1 1/2"
IHO40VCM	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	17.45	12	12	1"	1"		
IHO30VCM	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	14.47	5	5	3/4"	3/4"		
IHO18VCM	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	7.11	5	5	3/4"	3/4"		

NOTE: THE "AVERAGE HOT WATER USED PER CYCLE" THAT IS SHOWN IN THE UTILITY SCHEDULE IS FOR EACH MACHINE OF THAT CAPACITY AND NOT FOR THE TOTAL NUMBER OF MACHINES.

NOTE: ALL THE HOT WATER USAGE FIGURES ARE ESTIMATES. ACTUAL CONSUMPTION WILL VARY DEPENDING ON LOCAL CONDITIONS, NUMBER OF CYCLES AND CYCLE TIMES SELECTED, LOAD SIZES AND TYPE OF MATERIAL PROCESSED.

NOTE: ALL WATER CONSUMPTION AND WATER USAGE INFORMATION IS FOR THE ACTUAL LAUNDRY EQUIPMENT ALONE. ANY OTHER ITEMS LOCATED WITHIN THE LAUNDRY SUCH AS WATER HEATERS, BOILERS OR SINKS ARE NOT INCLUDED.

Project No.	<h1 style="margin: 0;">Ipsos Coin Laundry</h1> <h2 style="margin: 0;">Example</h2>		This drawing is not intended for construction purposes. Equipment specifications are subject to change without notice.			
C13----				ESZ	Utility Schedule	12-Mar-13
Sq. Ft. 1500				DRAWN BY	DESCRIPTION	DATE