

EQUIPMENT LIST					
ITEM	MANUFACTURER	MODEL	DESCRIPTION	QTY.	FUTURE
1	HUEBSCH	HCN080HCV	WASHER-EXTRACTOR	2	
2	HUEBSCH	HCN060HC2	WASHER-EXTRACTOR	4	
3	HUEBSCH	HCN040HC2	WASHER-EXTRACTOR	8	
4	HUEBSCH	HCN030HC2	WASHER-EXTRACTOR	14	
5	HUEBSCH	HCN020HC2	WASHER-EXTRACTOR	10	
6	HUEBSCH	HWT20	TOPLOAD WASHER	6	
7	HUEBSCH	HTT45N	STACK TUMBLER	9	
8	HUEBSCH	HTT30N	STACK TUMBLER	15	
9	HUEBSCH	F0637718-00	HC60 DOUBLE BASE	2	
10	HUEBSCH	F0636763-00	HC40 DOUBLE BASE	4	
11	HUEBSCH	F634624	HC30 TRIPLE BASE	2	
12	HUEBSCH	F634613	HC30 DOUBLE BASE	4	
13	HUEBSCH	F634621	HC20 TRIPLE BASE	2	
14	HUEBSCH	F634610	HC20 DOUBLE BASE	2	

ELECTRICAL REQUIREMENTS				
MODEL	VOLTAGE	FULL LOAD AMP DRAW	CIRCUIT BREAKER	WIRE SIZE
HCN080HCV	208-240/60/3Ø	11A	15A	AWG14
HCN060HC2	208-240/60/3Ø	10A	20A	AWG12
HCN040HC2	208-240/60/3Ø	7A	20A	AWG12
HCN030HC2	208-240/60/3Ø	7A	15A	AWG14
HCN020HC2	208-240/60/3Ø	5A	15A	AWG14
HWT20	110-120/60/1Ø	9A	15A	AWG14
HTT45N	208-240/60/1Ø	12A	15A	AWG14
HTT30N	208-240/60/1Ø	8A	10A	AWG14
TOTALS	N/A	548A	1005A	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.

DRAIN REQUIREMENTS		
MODEL	REQUIRED MIN. DRAIN LINE FROM MACHINE	REQUIRED MIN. DRAIN LINE FOR EACH BULKHEAD.
HCN080HCV	3 1/2"	6"
HCN060HC2	3 1/2"	
HCN040HC2	3 1/2"	
HCN030HC2	2"	
HCN020HC2	2"	
HWT20	1 1/2"	

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

DYNAMIC LOAD SPECIFICATIONS				
MODEL	STATIC LOAD, LBS/SF	DYNAMIC LOAD LBS/SF	MAXIMUM DYNAMIC LOAD, LBS/SF	DYNAMIC LOAD FREQUENCY Hz
HCN080HCV	126.9	350.5	350.5	8.7
HCN060HC2	119.9	253.3	253.3	7.82
HCN040HC2	118	216	216	8.18
HCN030HC2	101.4	169.3	169.3	7.73
HCN020HC2	97.8	165.3	165.3	8.8

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

GAS REQUIREMENTS					
MODEL	OPERATING PRESSURE (wci)	GAS TYPE	MAX INPUT BTU/HOUR	CONNECTION SIZE	RECOMMENDED SUPPLY LINE
HTT45N	6.5"±1.5"	NATURAL	190000	1/2"	3 1/2"
HTT30N	6.5"±1.5"	NATURAL	146000	1/2"	
TOTAL			3900000		

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

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EXHAUST/VENT REQUIREMENTS			
MODEL	SIZE	AIR FLOW	MIN. CROSS SECT. AREA ALL MACHINES
HTT45N	10"	1350 cfm	9x95 sq in
HTT30N	8"	700 cfm	15x75 sq in

PROVIDE AT LEAST 48.0 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 MIN. MAX.		CONNECTION SIZE	PRESSURE MIN. MAX.		COLD	HOT	COLD	HOT	COLD	HOT	COLD	HOT		
HCN080HCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs									30	12
HCN060HC2	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	20	12	12	3/4"	3/4"					
HCN040HC2	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	18	12	12	3/4"	3/4"					
HCN030HC2	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	10	12	12	3/4"	3/4"					
HCN020HC2	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	7	12	12	3/4"	3/4"					
HWT20	3/4NH	NA	NA	3/4NH	NA	NA	19.1	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.	2500sf Huebsch Coin Example		This drawing is not intended for construction purposes. Equipment specifications are subject to change without notice.	ESZ	Preliminary	12-Aug-09
C999999				DRAWN BY	DESCRIPTION	DATE
Sq. Ft. 2500						