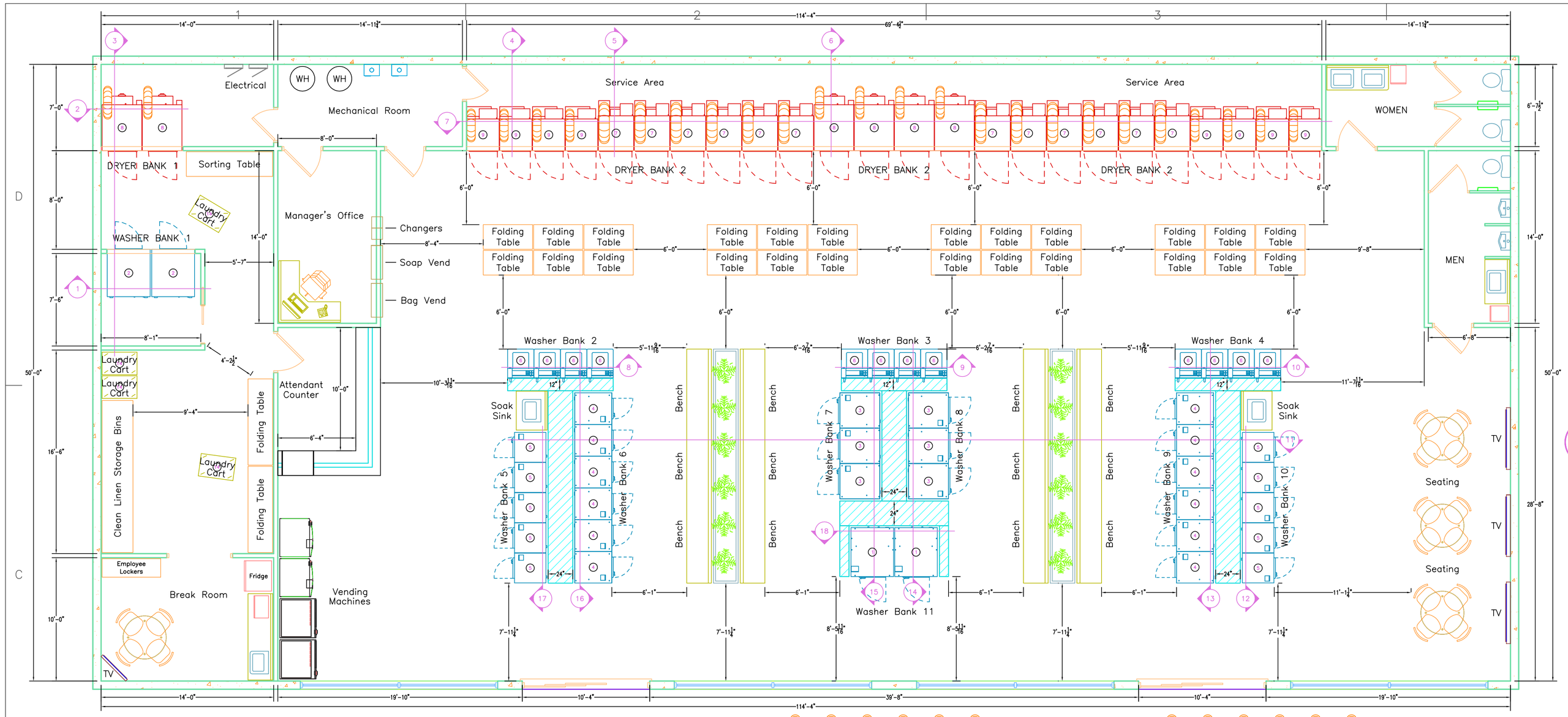
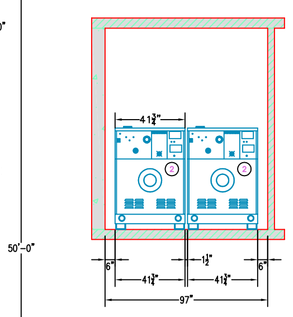
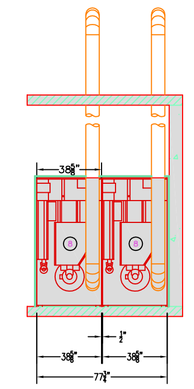




1 Washer Bank 1
HX075PVe Back Views



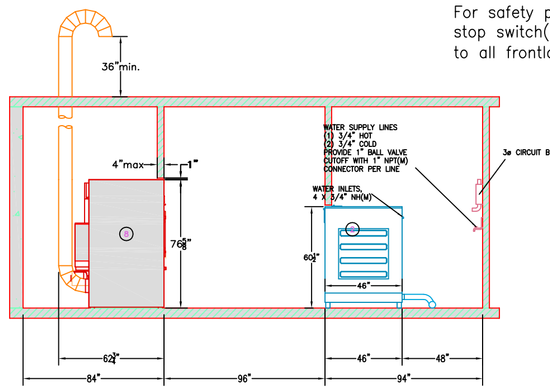
2 Dryer Bank 1
HT075N Back Views

NOTE: For all ADDITIONAL installation requirements of Alliance Laundry Systems equipment, please refer to the correct manufacturer's installation manual.

NOTE: All non-Alliance equipment is shown for general placement only. For actual installation requirements please refer to the actual manufacturers installation manual.

NOTE: Electrical sub-panels may be installed in the bulkheads behind the washers. Please contact the project distributor for further information.

For safety purposes, readily accessible emergency stop switch(es) can be provided to remove power to all frontload washers.



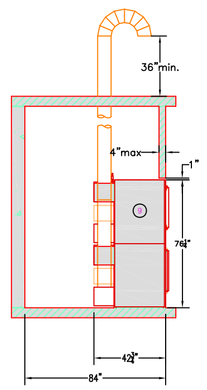
3 Dryer Bank 1 and Washer Bank 1
HT075N Side View and HX075PVe Side View

Suggested dryer venting arrangement. Consult dryer installation manuals for detailed information. Provide at least 48.1 sq ft unrestricted open area for dryer make-up air supply.

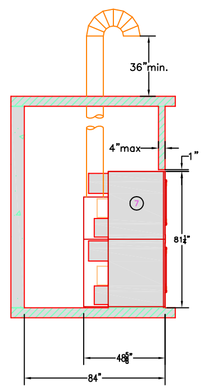
NOTE: All tumblers that are to be installed as 208-240/60Hz/1ph will REQUIRE L1, L2, Neutral and ground wire hook-ups.

NOTE: Make-up air opening is to be sized per the manufacturers installation manual. The actual make-up air vent is to be supplied by the General Contractor.

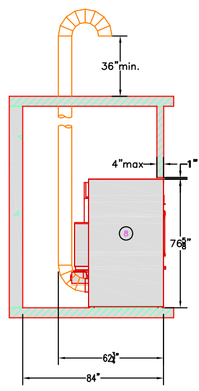
NOTE: All dryer exhaust venting is to be supplied by the General Contractor.



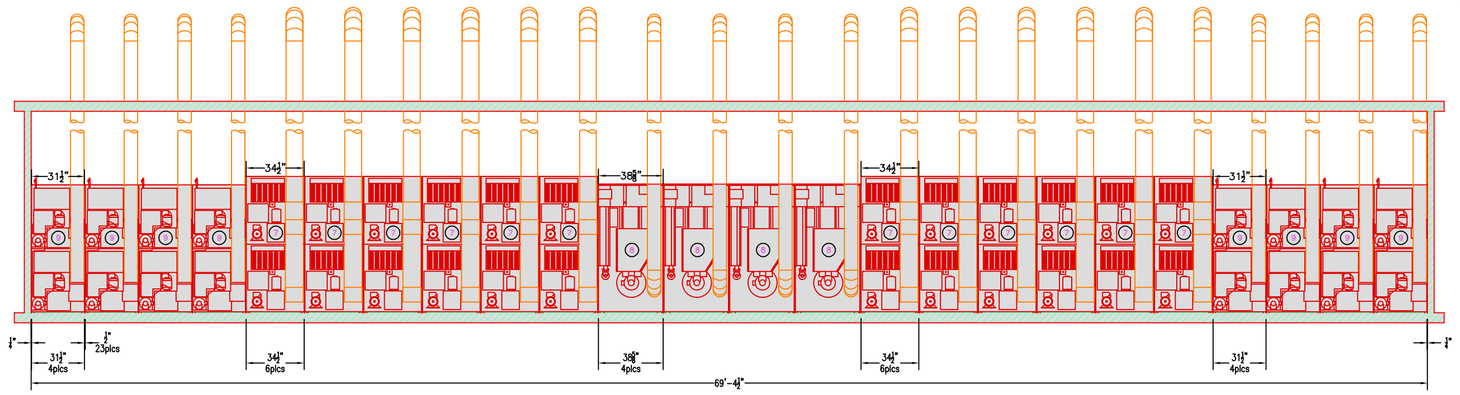
4 Dryer Bank 2
HTT30N Side View



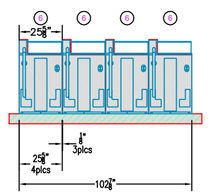
5 Dryer Bank 2
HTT45N Side View



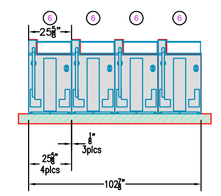
6 Dryer Bank 2
HT075N Side View



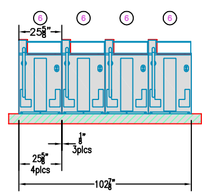
7 Dryer Bank 2
HTT30N Back Views, HTT45N Back Views, HT075N Back Views, HTT45N Back Views, and HTT30N Back Views



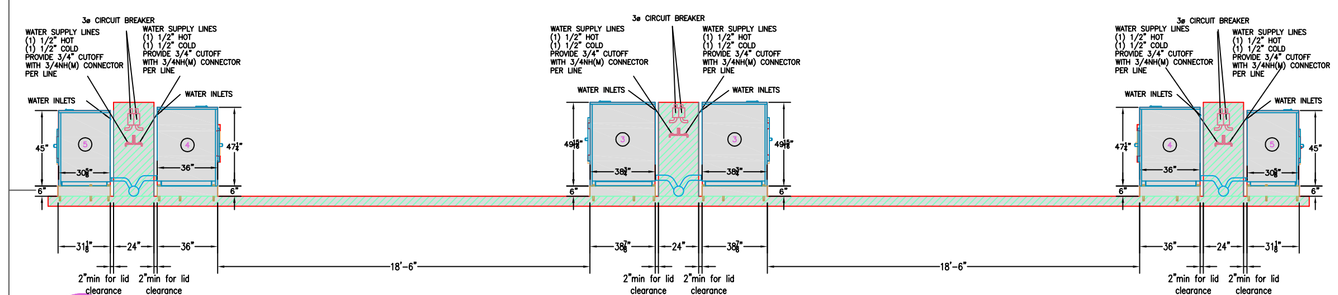
8 Washer Bank 2
HWTT21 Back Views



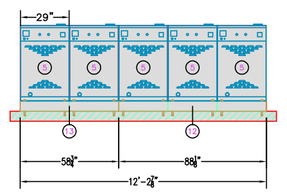
9 Washer Bank 3
HWTT21 Back Views



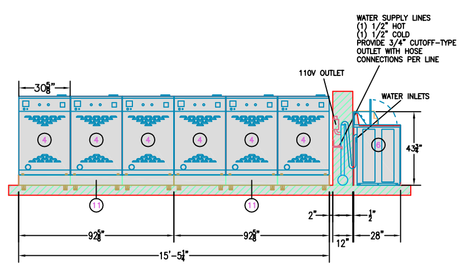
10 Washer Bank 4
HWTT21 Back Views



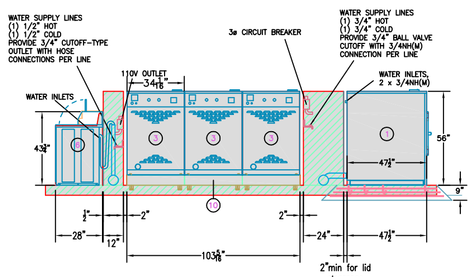
11 Washer Banks 10, 9, 8, 7, 6, and 5
HCN030KCV Side View, HCN040KCV Side View, HCN060KCV Side Views, HCN060KCV Side View, HCN040KCV Side View, and HCN040KCV Side View



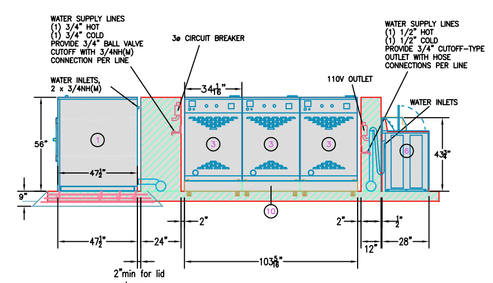
12 Washer Bank 10
HCN030KCV Back Veiws



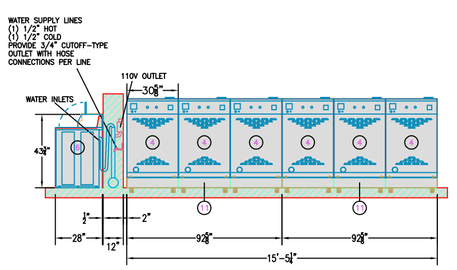
13 Washer Bank 9
HCN040KCV Back Views and HWTT21 Side View



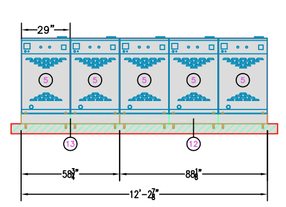
14 Washer Banks 3, 8, and 11
HWTT21 Side View, HCN060KCV Back Views, and HCN080KCV Side View



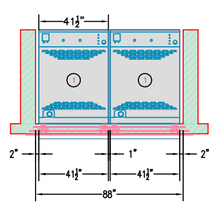
15 Washer Banks 11, 7, and 3
HCN080KCV Side View, HCN060KCV Back Views, and HWTT21 Side View



16 Washer Banks 2 and 6
HWTT21 Side View and HCN040KCV Back Views



17 Washer Banks 5
HCN030KCV Back Views



18 Washer Banks 11
HCN080KCV Back Views

EQUIPMENT LIST

ITEM	MANUFACTURER	MODEL	DESCRIPTION	QTY.	FUTURE
1	HUEBSCH	HCN080KCV	WASHER-EXTRACTOR	2	
2	HUEBSCH	HX075PVE	WASHER-EXTRACTOR	2	
3	HUEBSCH	HCN060KCV	WASHER-EXTRACTOR	6	
4	HUEBSCH	HCN040KCV	WASHER-EXTRACTOR	12	
5	HUEBSCH	HCN030KCV	WASHER-EXTRACTOR	12	
6	HUEBSCH	HWTT21	TOPLOAD WASHER	12	
7	HUEBSCH	HTT45N	STACK TUMBLER	12	
8	HUEBSCH	HT075N	TUMBLER	6	
9	HUEBSCH	HTT30N	STACK TUMBLER	8	
10	HUEBSCH	ACBF60X6X1	HC60 SINGLE BASE	4	
11	HUEBSCH	ACBF60X6X2	HC60 DOUBLE BASE	4	
12	HUEBSCH	ACBF40X6X3	HC40 TRIPLE BASE	8	
13	HUEBSCH	ACBF30X6X3	HC30 TRIPLE BASE	4	
14	HUEBSCH	ACBF30X6X2	HC30 DOUBLE BASE	4	

ELECTRICAL REQUIREMENTS

MODEL	VOLTAGE	FULL LOAD AMP DRAW	CIRCUIT BREAKER	WIRE SIZE
HCN080KCV	208-240/60/3ø	9A	15A	AWG14
HX075PVE	208-240/60/3ø	5.3..3A	60A	AWG6
HCN060KCV	208-240/60/3ø	6A	15A	AWG14
HCN040KCV	208-240/60/3ø	4A	15A	AWG14
HCN030KCV	208-240/60/3ø	4A	15A	AWG14
HWTT21	110-120/60/1ø	9.8A	15A	AWG14
HTT45N	208-240/60/1ø	12A	15A	AWG14
HT075N	208-240/60/1ø	7.6A	15A	AWG14
HTT30N	208-240/60/1ø	8A	10A	AWG14
TOTALS	N/A	606A	1100A	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.
HCN080KCV	3"	
HX075PVE	3"	
HCN060KCV	3"	
HCN040KCV	3"	
HCN030KCV	2"	
HWTT21	1 1/2"	4"

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

GAS REQUIREMENTS

MODEL	OPERATING PRESSURE (psig)	GAS TYPE	MAX INPUT BTU/HOUR	CONNECTION SIZE	RECOMMENDED SUPPLY LINE
HTT45N	6.5"±1.5"	NATURAL	190000	1/2"	
HT075N	6.5"±1.5"	NATURAL	165000	1/2"	Consult
HTT30N	6.5"±1.5"	NATURAL	146000	1/2"	Gas Co.
TOTAL			443800		

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

DYNAMIC LOAD SPECIFICATIONS

MODEL	STATIC LOAD, LBS/SF	DYNAMIC LOAD LBS/SF	MAXIMUM DYNAMIC LOAD, LBS/SF	DYNAMIC LOAD FREQUENCY Hz
HCN080KCV	137	149	149	10.4
HX075PVE	48.87	204.17	204.17	15
HCN060KCV	106	143	143	11.4
HCN040KCV	100	119	119	12.2
HCN030KCV	99	109	109	12.8

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

EXHAUST/VENT REQUIREMENTS

MODEL	SIZE	AIR FLOW	MIN. CROSS SECT. AREA ALL MACHINES
HTT45N	10"	1200 cfm	12x98 sq in
HT075N	8"	920 cfm	6x63 sq in
HTT30N	8"	800 cfm	8x63 sq in

PROVIDE AT LEAST 44.3 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 CONNECTION SIZE	COLD WATER PRESSURE MIN.	COLD WATER PRESSURE MAX.	HOT WATER CONNECTION SIZE	HOT WATER PRESSURE MIN.	HOT WATER PRESSURE MAX.	AVERAGE HOT WATER USAGE IN GALLONS/CYCLE	MAXIMUM VALVE FLOW GALLONS/MINUTE COLD	MAXIMUM VALVE FLOW GALLONS/MINUTE HOT	RECOMMENDED LINE SIZE TO SUPPLY MACHINE COLD	RECOMMENDED LINE SIZE TO SUPPLY MACHINE HOT	RECOMMENDED LINE SIZE TO SUPPLY ALL MACHINES COLD	RECOMMENDED LINE SIZE TO SUPPLY ALL MACHINES HOT
HCN080KCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	17.4	10	10	3/4"	3/4"		
HX075PVE	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	57.02	12	12	1"	1"		
HCN060KCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	14.2	10	10	3/4"	3/4"		
HCN040KCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	9.7	10	10	3/4"	3/4"		
HCN030KCV	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	6.5	10	10	3/4"	3/4"		
HWTT21	3/4NH	20lbs	120lbs	3/4NH	20lbs	120lbs	2.99	7	7	1/2"	1/2"	2 1/2"	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.

Huebsch

SCALE: 3/16" = 1'-0"

Huebsch Coin Laundry Example

Distributor: Alliance Laundry Systems LLC
119 Shepard Street
Ripon, WI 54971
PH: 920-748-3121
Fax: 920-748-4456

Project No.
C13----

Drawn By;
KRP

Dwg. No.
C-----

Date
12-Mar-13

This drawing is not intended for construction purposes. Equipment specifications are subject to change without notice. Alliance Laundry Systems LLC shall not be responsible for any changes made to any of it's layouts and/or installation specifications without it's prior written approval.