Company Name Not Available
Bedford, MA
USA

Case Name: 3_Copy1.hch
Unit Set: SI
Date/Time: Thu Aug 17 13:35:46 2023

HI Design Datasheet

APLUS_Import

Scenario 1 2

SimulationBaseCase-1N-1

WorkSheet

Heat Exchanger	Cold Stream	Cold T in (C)	Tied	Cold T out (C)	Tied	Hot Stream	Hot T in (C)	Tied	Hot T out (C)	Tied	Load (kJ/h)	Area (m2)	Status	dT Min Hot	dT Min Cold
TRAIN.VPDC1	U-2	20.00		25.00		AIN.146_To_TRAIN.GOPVF	219.2	T	70.00	T	3.519e+007	490.4	OK	194.2	50.00
TRAIN.COND1	U-2	20.00		25.00		TRAIN.77_To_TRAIN.78B	148.4	T	114.0	T	6.634e+007	208.0	OK	123.4	94.00
TRAIN.APC3	U-3	30.00		35.00		TRAIN.64_To_TRAIN.67	204.0	T	204.0	T	1.800e+004	0.3	OK	169.0	174.0
TRAIN.APDC2	U-2	20.00		25.00		N.103_To_TRAIN.107DIESE	81.26	T	49.00	T	8.449e+006	56.9	OK	56.26	29.00
TRAIN.E-10039	AIN.50_To_TRAIN.58MAYA	254.2	T	301.0	T	TRAIN.127_To_TRAIN.129A	317.0	T	257.3	T	1.458e+008 *	12299.4	OK	15.99	3.110
TRAIN.E-10009	TRAIN.13_To_TRAIN.26	77.24	T	90.89	T	TRAIN.140_To_TRAIN.142B	204.4	T	158.5	T	3.449e+007 *	445.0	OK	113.5	81.25
TRAIN.E-10021	TRAIN.32_To_TRAIN.49	114.8	T	125.9	T	AIN.94_To_TRAIN.98GOPA	202.0	T	128.4	T	1.534e+007 *	224.5	OK	76.11	13.68
TRAIN.E-10011	TRAIN.13_To_TRAIN.26	90.89	T	118.8		TRAIN.77_To_TRAIN.78B	162.5	T	148.4	T	7.058e+007 *	2141.5	OK	43.72	57.55
TRAIN.E-10035	AIN.50_To_TRAIN.58MAYA	238.6	T	247.4	T	TRAIN.127_To_TRAIN.129A	257.3	T	246.1	T	2.729e+007 *	2096.3	OK	9.904	7.492
TRAIN.E-10005	TRAIN.13_To_TRAIN.26	68.75	T	75.74		AIN.94_To_TRAIN.98GOPA	128.4	T	83.32	T	8.825e+006 *	405.1	OK	52.70	14.57
TRAIN.E-10029	TRAIN.32_To_TRAIN.49	190.9	T	220.0	T	TRAIN.64_To_TRAIN.67	304.9	T	209.3	T	8.651e+007 *	874.9	OK	84.92	18.41
TRAIN.E-10019	TRAIN.32_To_TRAIN.49	141.9	T	145.3		TRAIN.64_To_TRAIN.67	209.3	T	204.0	T	4.599e+006 *	33.6	OK	64.05	62.09
TRAIN.E-10031	AIN.50_To_TRAIN.58MAYA	216.5	T	216.5	T	TRAIN.60_To_TRAIN.62A	267.0	T	267.0	T	1.800e+004 *	0.1	OK	50.52	50.49
TRAIN.E-10025	TRAIN.32_To_TRAIN.49	167.6	T	183.0	T	TRAIN.134_To_TRAIN.137	248.9	T	220.0	T	4.411e+007 *	332.7	OK	65.95	52.43
TRAIN.E-10015	TRAIN.13_To_TRAIN.26	118.8	T	118.9		TRAIN.69_To_TRAIN.72	167.0	T	166.9	T	1.218e+005 *	3.0	OK	48.09	48.07
TRAIN.E10017	TRAIN.32_To_TRAIN.49	114.8	T	141.9	T	N.103_To_TRAIN.107DIESE	255.0	T	128.6	T	3.751e+007 *	404.4	OK	113.1	13.86
TRAIN.E10007	TRAIN.13_To_TRAIN.26	68.75	T	78.75		N.103_To_TRAIN.107DIESE	128.6	T	81.26	T	1.263e+007 *	647.3	OK	49.88	12.50
E-100	AYAB_To_TRAIN.58MAYAC	301.0	T	312.7	T	TRAIN.60_To_TRAIN.62A	367.5	T	304.1	T	3.615e+007 *	816.5	OK	54.80	3.117
TRAIN.COND2	U-2	20.00		25.00		TRAIN.81_To_TRAIN.84	79.59	T	38.00	T	8.043e+007	411.7	OK	54.59	18.00
TRAIN.FURN2	TRAIN.90B_To_TRAIN.90C	373.4	T	399.0	T	U-1	1000		400.0		1.712e+008	2860.7	OK	601.0	26.65
TRAIN.APDC1	U-3	30.00		35.00		111_To_TRAIN.113QUERO	164.3	T	70.00	T	7.339e+006	258.4	OK	129.3	40.00
TRAIN.VPC4	U-2	20.00		25.00		TRAIN.127_To_TRAIN.129A	246.1	T	245.0	T	2.788e+006	5.1	OK	221.1	225.0
TRAIN.E-10042	TRAIN.34_To_TRAIN.36	106.0	T	144.9	T	TRAIN.140_To_TRAIN.142B	219.6	T	204.4	T	1.150e+007 *	30.3	OK	74.65	98.42
TRAIN.VPC2A	U-3	30.00		35.00		TRAIN.134_To_TRAIN.137	220.0	T	220.0	T	2.160e+004	0.3	OK	185.0	190.0
TRAIN.VPC1A	U-3	30.00		35.00		TRAIN.140_To_TRAIN.142B	158.5	T	70.00	T	6.206e+007	2309.2	OK	123.5	40.00
TRAIN.APC1	U-3	30.00		35.00		TRAIN.74_To_TRAIN.76	209.7	T	150.0	T	4.255e+007	778.9	OK	174.7	120.0
TRAIN.E-10043	TRAIN.34_To_TRAIN.36	144.9	T	154.0	T	111_To_TRAIN.113QUERO	196.5	T	164.3	T	2.688e+006	18.9	OK	42.51	19.41
TRAIN.E-10027	TRAIN.32_To_TRAIN.49	183.0	T	190.9	T	AIN.94_To_TRAIN.98GOPA	305.4	T	202.0	T	2.343e+007 *	183.1	OK	114.5	19.00
TRAIN.E-10033	AIN.50_To_TRAIN.58MAYA	216.5	T	238.6	T	TRAIN.134_To_TRAIN.137	294.1	T	248.9	T	6.895e+007	691.1	OK	55.48	32.42
TRAIN.E-10003	TRAIN.13_To_TRAIN.26	28.00	T	68.75		TRAIN.81_To_TRAIN.84	114.0	T	79.59	T	1.030e+008 *	4130.1	OK	45.25	51.59
TRAIN.E-10037	AIN.50_To_TRAIN.58MAYA	247.4	T	254.2	T	TRAIN.60_To_TRAIN.62A	304.1	T	267.0	T	2.116e+007	257.4	OK	49.91	19.62
TRAIN.E-10023	TRAIN.32_To_TRAIN.49	125.9	T	189.6		TRAIN.69_To_TRAIN.72	252.6	T	167.0	T	9.052e+007	922.5	OK	62.96	41.13
TRAIN.E-10013	TRAIN.13_To_TRAIN.26	118.8	T	126.2		TRAIN.74_To_TRAIN.76	222.7	T	209.7	T	9.327e+006	119.7	OK	96.55	90.85
TRAIN.VPC2B	U-3	30.00		35.00		TRAIN.137A_To_TRAIN.138	220.0	T	165.0	T	6.535e+007	1605.4	OK	185.0	135.0
TRAIN.VPC1B	U-2	20.00		25.00		TRAIN.143_To_TRAIN.144	70.00	T	65.00	T	2.403e+006	18.4	OK	45.00	45.00
TRAIN.FURN	AYAB_To_TRAIN.58MAYAC	312.7	T	395.0	T	U-1	1000		400.0		4.568e+008	5272.3	OK	605.0	87.32
TRAIN.APC2	U-3	30.00		35.00		TRAIN.69_To_TRAIN.72	166.9	T	163.0	T	3.952e+006	79.4	OK	131.9	133.0
TRAIN.APDC3	U-3	30.00		35.00		AIN.94_To_TRAIN.98GOPA	83.32	T	70.00	T	2.606e+006	162.4	OK	48.32	40.00

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Specified by user.