variable	value				
	initial	steady state 1		steady state 2	
		OA	FB(+DDF)	OA	FB(+DDF)
objective	**738279.6**	**336157.3**	**339387.5**	**345112.66**	**345452.5**
plant air flowrate	12431.2	12459.9	12433.7	12234.5	12459.9
CAC reflux location	6	16	15	16	16
CAC diameter	3.5	1.172	1.142	1.407	1.383
CRCAC reflux ratio	32	33.847	31.735	49.395	47.112
CRmain reflux ratio	5	4.425	4.038	4[a]	4[a]
HPC reflux location	6	15	13	19	20
HPC column diameter	4	2.915	2.900	2.929	3.017
HPC GN2 draw flowrate	2430	1861.67	1961.75	911.67	1092.78
LPC column diameter	5.5	3.942	3.908	4.154	4.242
LPC split air feed location	28	26	25	23	23
LPX oxygeb rich feed location	20	23	22	21	21
CAC reflux feed location	38	38	38	28	28
LPC reflux location	6	15	16	16	17
LPC Watse draw location	8	22	21	20	20
CAC side draw location	38	38	38	36	36
Waste flowrate	7160	7439.883	7413.6724	7581.9365	8257.699
CAC feed flowrate	730	665.17664	624.61566	959.4886	915.698

[a]variable at bound