

Settings wood chip HPK-RA 15 - 160

Gilles touch control panel

Parameter		Boiler type						Unit
No.	Description	HPK-RA 15-25	HPK-RA 30-45	HPK-RA 49-60	HPK-RA 75-85	HPK-RA 100-120	HPK-RA 145-160	
A00	GENERAL							
A01	Percent dosing auger to stoker	20	30	35	40	60	60	%
A02	Feed. quant. start up phase	50						%
A03	min. feeding quant.	45						%
A04	Bypass pump present	1						
A05	Buffer pump present	as required						
A06	Fuel type	Wood chips						
A07	Specification primary fan motor	G2E108 (41 Watt)		G2E120 (83 Watt)				W
A08	Specification secondary fan motor	G2E108 (41 Watt)		G2E120 (83 Watt)				W
A09	Specification flue gas fan motor	L5vf2B-642						
A10	Delay critical alarm	10						min.
A11	Temp. adjustment flue gas sensor	0						°C
A12	No. buffer starts (ash discharge)	5						
K00	CONFIGURATION							
K01	Heat exch. cleaning present	0			1			
K02	Heat exch. cleaning only at day	0			1			
K03	Heat exch. auger protection activate	0			1			
K04	Ash discharge only at day	0						
K05	Lambda probe present	1						
K06	Secondary air fan present	1						
K07	Ignition while ignition feeding	1						
K08	Ignition feeding intermittent	1						
K09	Cell wheel non-stop at full load	0						
K10	Light sensor present	0						
K11	Oper. mode light sensor	Filling level						
K12	Horn at fault	1						
K13	Suction system available	0						
K14	Flue gas evaluation	50						%
K15	Time impulse cell wheel	2,5						sec.
K16	Number fuel augers	0						p.
K17	Ignore external enable	as required						
K18	Cascade present	0						
K19	GSM-Module present	0						
K20	E-Mail present	0						
K21	NGK Lambda probe present	1						
K22	Charge all buffers	0						
G00	Lambda / Air							
G01	Max. primary air	80			85			%
G02	Min. primary air	40						%
G03	Max. secondary air	50		80		100		%
G04	Min. secondary air	30						%
G05	Max. flue gas fan output	80		100		100		%
G06	Min. flue gas fan output	40		60		80		%
G07	Primary air at ignition	100						%
G08	O2 at max. output	8,5			8,5			%
G09	O2 at min. output	10,5			10,5			%
G10	Start regulation sec. air	20						%
G11	Flue fan 100% at ignition	1	1	1	1	1	1	

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No.	Description							
Z00	TIMES							
Z01	Ignition feeding	45		65		100	120	sec.
Z02	Ash discharge duration				30			sec.
Z03	Ash discharge pause				8			min.
Z04	Heat. exch. cleaning starts at				17:00			time
Z06	Feeding duration at ignition				5			sec.
Z07	Feeding delay at ignition				35			sec.
Z08	Max. feeding at full load				20			sec.
Z09	Max. ignition duration				600			sec.
Z10	Duration start up phase	60	60	90	90	120	120	sec.
Z11	Runtime heat exch. cleaning	1	1	2	2	3	3	min.
Z12	Burner runtime heat exch. cleaning				3			h
Z13	Feeding delay (slumber mode)				10			min.
Z14	Feeding duration (slumber mode)				5			sec.
Z15	Duration pre purge				3			min.
Z16	Duration post purge				3			min.
Z17	Overrun ignition				60			sec.
Z18	Overrun cell wheel				2			sec.
Z19	Delay fuel auger 1							sec.
Z20	Overrun fuel auger 1							sec.
Z21	Delay fuel auger 2							sec.
Z22	Overrun fuel auger 2							sec.
Z23	Runtime auger 1				120			min.
Z24	Runtime auger 2				120			min.
Z25	Change LS not engaged				10			min.
Z26	Only fuel auger 1				0			
Z27	Only fuel auger 2				0			
T00	TEMPERATURES							
T01	Set boiler temp. day				75			°C
T02	Set boiler temp. night				75			°C
T03	Difference in temp. START				5			°C
T04	Difference in temp. STOP				3			°C
T05	Difference in temp. PART LOAD				3			°C
T06	Set flue gas temp. at ignition				70			°C
T07	Set return temp.				60			°C
T08	Flue gas temp. at min. output	120		120		100		°C
T09	Flue gas temp. at max. output	240		220		180		°C
T10	Safety shutdown flue gas temp.	270		250		210		°C

Please note: The settings are guidelines only,
and must be adapted to the boilers requirements with the necessary equipment.