

Settings pellet HPK-RA 75 - 160

Gilles touch control panel

Parameter		Boiler type			Unit
No.	Description	HPK-RA 75-85	HPK-RA 100-120	HPK-RA 145-160	
A00	GENERAL				
	Percent dosing auger to stoker				
	5,0 rpm		60		%
A01	10,2 rpm		45		%
A02	Feed. quant. start up phase		30		%
A03	min. feeding quant.		40		%
A04	Bypass pump present		1		
A05	Buffer pump present		as required		
A06	Fuel type		Pellet		
A07	Specification primary fan motor		G2E120 (83 Watt)		W
A08	Specification secondary fan motor		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		1		
K02	Heat exch. cleaning only at day		1		
K03	Heat exch. auger protection activate		1		
K04	Ash discharge only at day		0		
K05	Lambda probe present		1		
K06	Secondary air fan present		1		
K07	Ignition while ignition feeding		0		
K08	Ignition feeding intermittent		0		
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		90		%
G02	Min. primary air		60		%
G03	Max. secondary air	75		90	%
G04	Min. secondary air		40		%
G05	Max. flue gas fan output		95		%
G06	Min. flue gas fan output		60		%
G07	Primary air at ignition		100		%
G08	O2 at max. output	8,5		10,5	%
G09	O2 at min. output	10,5		12,5	%
G10	Start regulation sec. air		20		%
G11	Flue fan 100% at ignition		1		

Subject to alterations

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		HPK-RA 75-85	HPK-RA 100-120	HPK-RA 145-160	
No.	Description				
Z00	TIMES				
Z01	Ignition feeding	80	120		sec.
Z02	Ash discharge duration		20		sec.
Z03	Ash discharge pause		15		min.
Z04	Heat. exch. cleaning starts at		17:00		time
Z06	Feeding duration at ignition		10		sec.
Z07	Feeding delay at ignition		30		sec.
Z08	Max. feeding at full load		20		sec.
Z09	Max. ignition duration		600		sec.
Z10	Duration start up phase		120		sec.
Z11	Runtime heat exch. cleaning		3		min.
Z12	Burner runtime heat exch. cleaning		3		Std.
Z13	Feeding delay (slumber mode)		20		min.
Z14	Feeding duration (slumber mode)		10		sec.
Z15	Duration pre purge		3		min.
Z16	Duration post purge		5		min.
Z17	Overrun ignition		60		sec.
Z18	Overrun cell wheel		8		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		°C
T09	Flue gas temp. at max. output		220		°C
T10	Safety shutdown flue gas temp.		250		°C

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