

Settings pellet HPK-RA 15 - 60

Gilles Touch control panel

| No. | Parameter <i>Description</i> | <i>Boiler type</i> | | | | | | | | Unit | |
|-----|--------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------------------|----------------------|----------------------|------|---|
| | | <i>HPK-RA 15</i> | <i>HPK-RA 20</i> | <i>HPK-RA 25</i> | <i>HPK-RA 30</i> | <i>HPK-RA 35</i> | <i>HPK-RA 40 & 45</i> | <i>HPK-RA 49</i> | <i>HPK-RA 60</i> | | |
| A00 | GENERAL | | | | | | | | | | |
| | Percent dosing auger to stoker | | | | | | | | | | |
| | 4,5 rpm (Standard auger up to 5 m) | 25 | 27 | 29 | 36 | 38 | 40 | 47 | 52 | % | |
| | 5,3 rpm (Standard auger up to 5 m) | 22 | 24 | 25 | 31 | 33 | 35 | 40 | 44 | % | |
| A01 | 10,2 rpm (Kinked auger) | 15 | 17 | 19 | 21 | 23 | 25 | 37 | 43 | % | |
| A02 | Feed. quant. start up phase | 50 | | | | | | | | % | |
| A03 | min. feeding quant. | 25 | | | | | 30 | | | % | |
| A04 | Bypass pump present | 1 | | | | | | | | | |
| A05 | Buffer pump present | as required | | | | | | | | | |
| A06 | Fuel type | Pellet | | | | | | | | | |
| A07 | Specification primary fan motor | G2E108 (41 Watt) | | | G2E085 (32Watt) | | | 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 | 1 | | | | | | | | | |
| K05 | Lambda probe present | 1 | | | | | | | | | |
| K06 | Secondary air fan present | 0 | | | 1 | | | | | | |
| K07 | Ignition while ignition feeding | 0 | | | | | | 1 | | | |
| 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 | as required | | | | | | | | | |
| K14 | Flue gas evaluation | 50 | | | | | | | | % | |
| K15 | Time impulse cell wheel | 0 | | | | | | | | 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 | | | | | | | | | % |
| G02 | Min. primary air | 35 | | | 45 | | | 50 | | % | |
| G03 | Max. secondary air | 80 | | | | | | | | | % |
| G04 | Min. secondary air | 30 | | | | | | | | | % |
| G05 | Max. flue gas fan output | 80 | | | | | | | | % | |
| G06 | Min. flue gas fan output | 30 | | | | | | | | % | |
| G07 | Primary air at ignition | 100 | | | | | | | | % | |
| G08 | O2 at max. output | 8,0 | | | | | | | | % | |
| G09 | O2 at min. output | 10,5 | | | | | | | | % | |
| G10 | Start regulation sec. air | 20 | | | | | | | | % | |
| G11 | Flue fan 100% at ignition | 1 | | | | | | | | | |

Subject to alterations

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Gilles touch control panel

| Parameter | | Boiler type | | | | | | | Unit |
|-----------|------------------------------------|--|--------------|--------------|--------------|--------------|-------------------|--------------|------|
| | | HPK-RA 15 | HPK-RA 20 | HPK-RA 25 | HPK-RA 30 | HPK-RA 35 | HPK-RA 40 & 45 | HPK-RA 49 | |
| No. | Description | | | | | | | | |
| Z00 | TIMES | | | | | | | | |
| Z01 | Ignition feeding | 60 | | 70 | | | 80 | | sec. |
| Z02 | Ash discharge duration | 30 | | | | | | | sec. |
| Z03 | Ash discharge pause | 12 | | | | | | | min. |
| Z04 | Heat. exch. cleaning starts at | 17:00 | | | | | | | time |
| Z06 | Feeding duration at ignition | 10 | | | | | | | sec. |
| Z07 | Feeding delay at ignition | 15 | | | | | | | sec. |
| Z08 | Max. feeding at full load | 20 | | | | | | | sec. |
| Z09 | Max. ignition duration | 600 | | | | | | | sec. |
| Z10 | Duration start up phase | 60 | | | | | 90 | | 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 | 3 | | | | | | | min. |
| Z17 | Overrun ignition | 30 | | | | | | | sec. |
| Z18 | Overrun cell wheel | 10 | | | | | | | sec. |
| Z19 | Delay fuel auger 1 | as required Switch on delay = 2 Switch off delay = 5 | | | | | | | sec. |
| Z20 | Overrun fuel auger 1 | | | | | | | | sec. |
| Z21 | Delay fuel auger 2 | | | | | | | | sec. |
| Z22 | Overrun fuel auger 2 | | | | | | | | sec. |
| Z24 | Runtime auger 1 | 120 | | | | | | | min. |
| Z25 | Runtime auger 2 | 120 | | | | | | | min. |
| Z26 | Change LS not engaged | 10 | | | | | | | min. |
| Z27 | Only fuel auger 1 | 0 | | | | | | | |
| Z28 | 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 | 200 | | | | | | | °C |
| T10 | Safety shutdown flue gas temp. | 250 | | | | | | | °C |
| S00 | Suction system | | | | | | | | |
| S01 | Runtime suction system | 30 | | | | | | | sec. |
| S02 | Overrun suction system | 5 | | | | | | | sec. |
| S03 | Runtime auger 1 | 5 | | | | | | | sec. |
| S04 | Delay auger 1 | 2 | | | | | | | sec. |
| S05 | No. Overfill cycles | 3 | | | | | | | |
| S06 | Runtime until next filling | 120 | | | | | | | min. |

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

Subject to alterations