

Deficiency	Cause	Corrective Measures
Fan runs continuously	Improper adjustment of thermostat causes fan to run after heater shuts off	Adjust thermostat, see S TRA 34
	Fan runs continuously after heater shuts off	Quartz-element of thermostat broken, remove thermostat, replace quartz-element (see S TRA 34)
Heater aggregate soots, smokes, or works irregularly		
1. Excessive fuel	Fuel jet damaged	Exchange; clean only with compressed air in flow direction. Do not damage sealed-in hair sieve
	Pressure control not properly adjusted	Adjust pressure control. See S TRA 32
2. Lack of combustion air	Battery voltage below prescribed value of 5.8, 5.9 or 11.5 volts	Tighten cable connections, check battery, charge, if necessary
	Intake tube for combustion air clogged	Clean intake
	Fan does not reach prescribed speed of 5000 r. p. m. at correct voltage	Exchange combustion fan unit
	Guide vane housing damaged	Replace heat exchanger
3. Ignition misfires	Spark plug fouled through combustion products, insulation damaged	Clean spark plug, check gap of middle electrode (mean value 2.5 mm), replace, if necessary
	Ignition coil damaged or internal arcing	Replace ignition coil
	Relay jammed (see wiring diagram relay No. 13)	Replace
Heater fails to start	Fan motor has damaged bearings or windings	Replace complete combustion fan unit, do not attempt disassembly, since the unit has matched on balanced parts
	Diffuser gear is damaged or jammed in the guide vane housing	Replace complete combustion fan
	Breaker point worn or damaged	Replace complete combustion fan, both breaker points are not adjustable (riveted)