




Manufacturer	GHIDINI BENVENUTO s.r.l.
Product	Condensate recovery tank Range M-24/M-60/M-COMBI
Year	2008
Certification	

The present user's and maintenance manual refers to the condensate recovery tanks range M-24/M-60/M-COMBI. It is possible to receive the latest release from our Technical Commercial Department or by visiting our website www.ghidini-gb.it.

Putting into operation

- The whole unit can be used, opened and repaired by qualified personnel only.
- It is forbidden to use the machine if flooded by liquids or in particularly aggressive or explosive/inflammable places.
- Do not ignore the dangers for the operator's health and follow the hygienic and safety regulations.
- Check that the electrical wiring is carried out correctly according to the current regulations, and that the fuse blocks are closed and complete of suitable fuses. Install a safety circuit breaker.
- Make sure that all control and safety devices are intact.

Use

The condensate recovery tank has been designed to collect the condensate produced by steam, thus allowing a considerable water and energy saving by heat of the condensed water.

- Connect the machine to the power line, by paying attention to the voltage and frequency indicated on the coil of the solenoid valve.
- Connect the pipe of the condensate return to the 1" gas female sleeve. ⑥
- Mount a water outlet sleeve to the 1" gas female sleeve, according to need and use of the condensate. ⑤
- For a proper functioning, set the thermostat to a maximum temperature of 60/70°C

The dangers described in the following have not been completely removed, but are deemed to be acceptable:

- During the maintenance operation some steam jets at low pressure may occur (maintenance operation must therefore be carried out by using suitable protection devices).
- The user must provide for a protection against direct and indirect contacts with the steam.

Main electrical supply

Prior to carrying out any inspection or service on the machine, it is necessary to disconnect it from the main electrical supply. Make sure, that nobody can reconnect it during the technical service. Every installed electrical and electronic equipment or basic structure must be earthed.

Inflammability

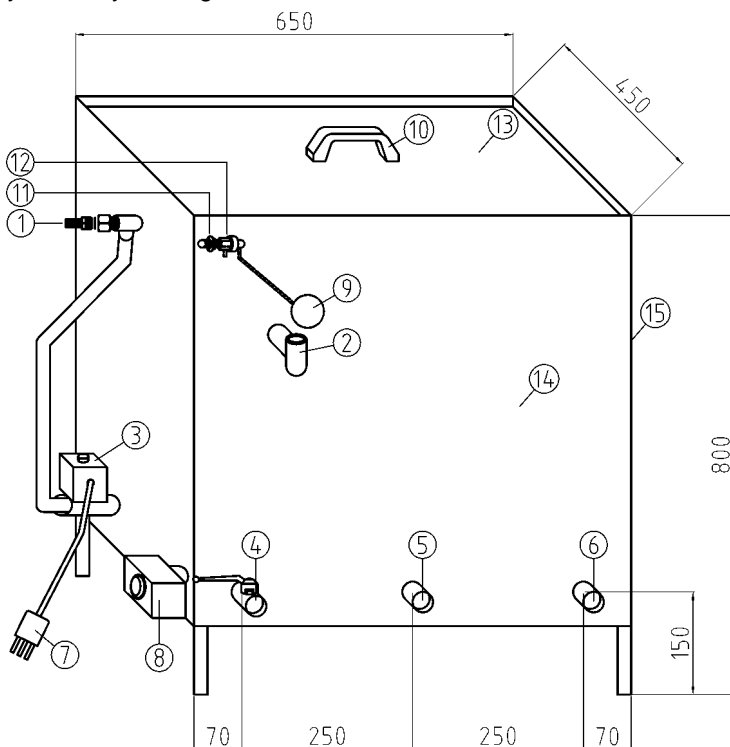
Adopt all the necessary precautions to avoid any direct contact of the machine with hot components or flames. Put fire extinguishers near the machine for an immediate intervention in the event of fire.

Pressure / Steam

Prior to any intervention, switch off the boiler first, wait until all the pipes are cooled down and check that there are no residual pressures inside the tank or in any branch of the hydraulic circuit, as they could cause steam spurts, in case of disassembly of fittings or other components.

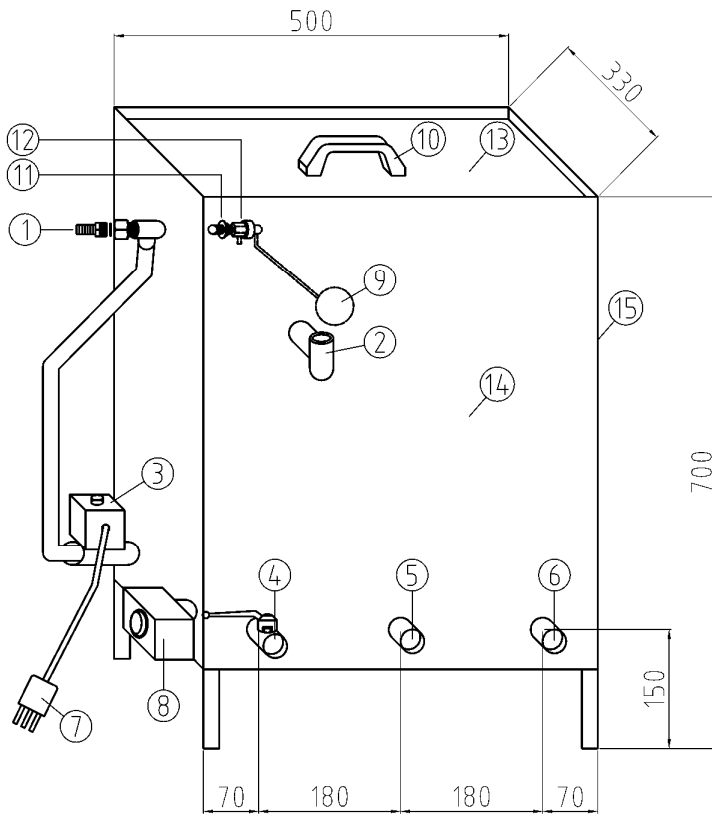
The company Ghidini s.r.l. cannot be held liable for any damage to things or injury to persons caused by improper use of the device in contrast with these instructions.

Any possible modifications effected on the components of the device or a different use of the same or of its components without prior written authorization by Ghidini s.r.l., relieve the latter of injury to persons and / or damages to things, voiding any warranty bindings, as well.

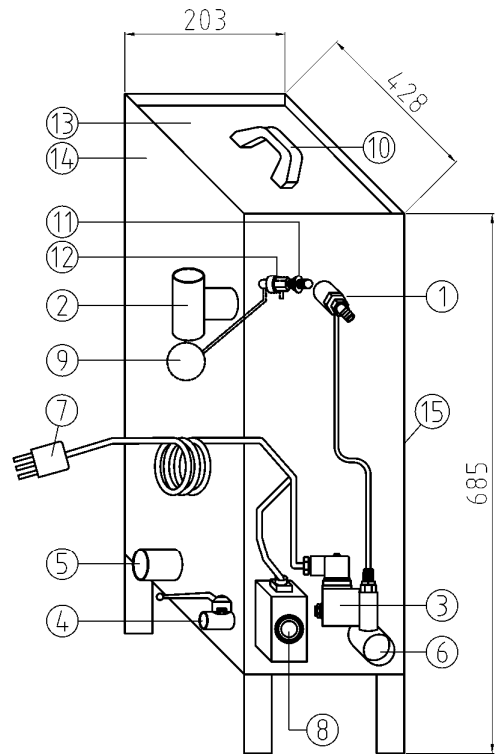


Mod. M-COMBI (Stainless steel tank of 160l)

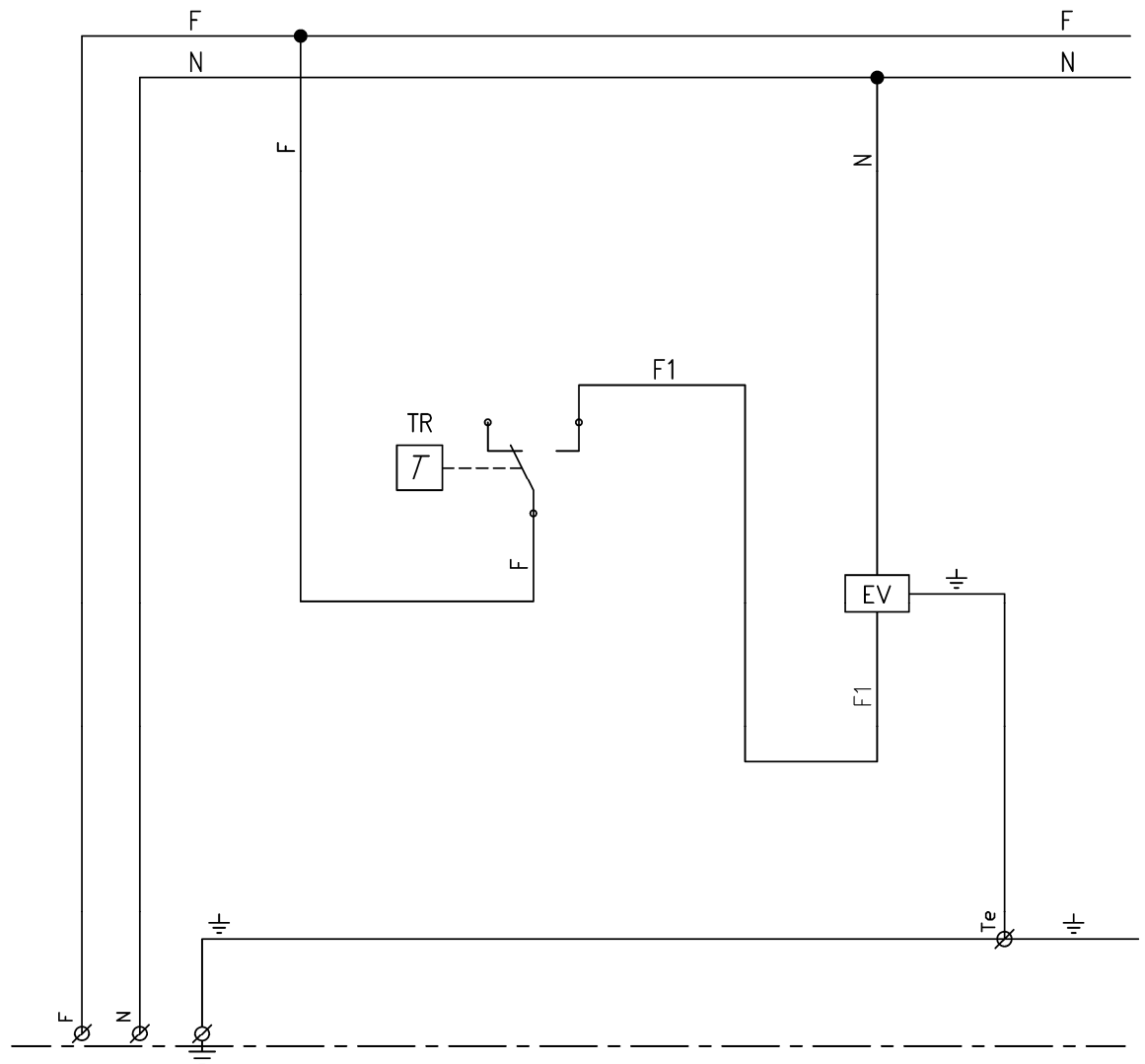
Mod. M-60 (Stainless steel tank of 83l)



Mod. M-24 (Stainless steel tank of 45l)




Pos.	CODE	DESCRIPTION	Pos.	CODE	DESCRIPTION
1	36E006	Water inlet 3/8"	12	244210	Gaskets
2	36C002	Steam vent 1"	13	174032	Lid for 45 l tank
3	39B036	Water solenoid valve		174031	Lid for 83 l tank
4	37A002	Water exhaust 3/8"		174041	Lid for 160 l tank
5		Water outlet to the pump 1"	14	162024	Tank framework 45 l
6		Condensate inlet 1"		162023	Tank framework 83 l
7	463281	Power supply		162025	Tank framework 160 l
8	45C002	Thermostat (set at max. 60/70°)	15	46M018	Tank insulation 45 l
9	37D006	Floating ball		46M020	Tank insulation 83 l
10	523260	Handle		46M024	Tank insulation 160 l
11	37D005	Ball cock			



POWER SUPPLY
230V 50/60Hz F+N+T

TR: Adjustable thermostat art. 45C002
EV: Solenoid valve art. 39B036

Denominazione Condensate recovery tank Description M24/M60/M180 220V 50/60Hz singlephase				Titolo SCHEMA ELETTRICO Descriz. ELECTRICAL WIRING	
3			Data	06/05/13	
2			Dis.	A.G.	
1			Cod.	SE05-13-001	
Modifiche Changes		Data Date	Firma Sign.	Appr.	
				Dis. NG Dwg. SE05-13-001 Foglio Segue 1/1	
S. Giuliano Milanese					
QUESTO DISEGNO VIENE CONSEGNATO ALL'ESPRESSA CONDIZIONE CHE NON VENGA SENZA NS/ CONSENSO NE RIPRODOTTO NE CEDUTO AD ALTRE DITTE					