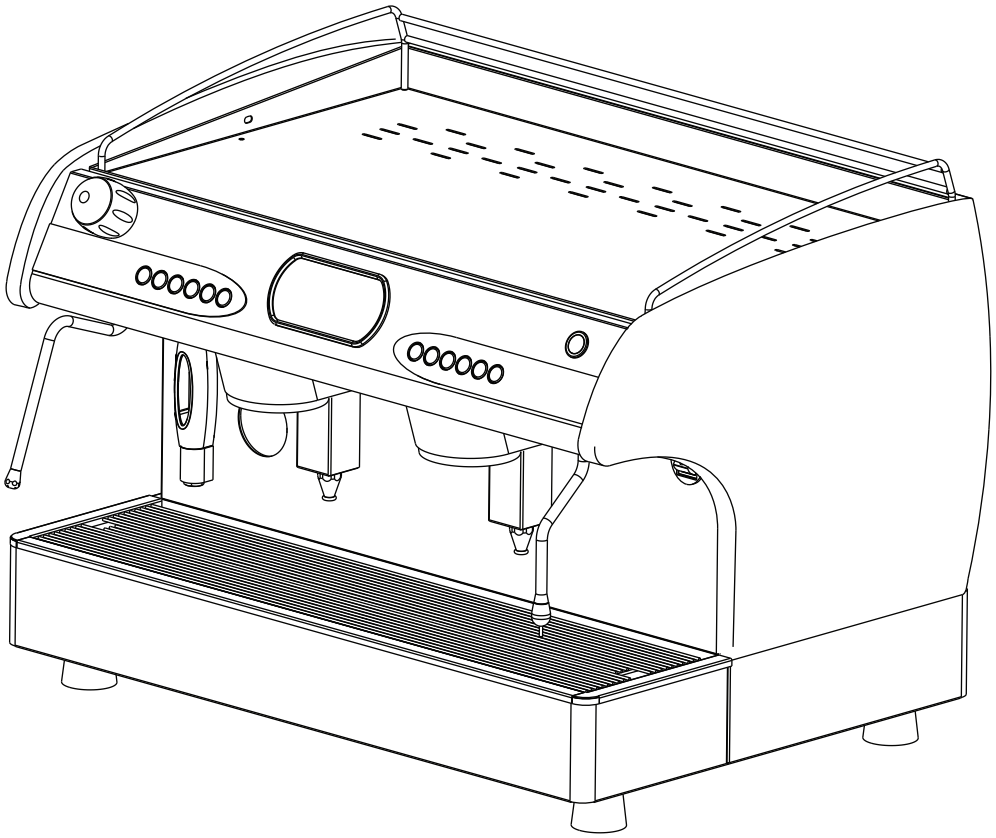
PID

2 and 3 groups

PARTS BOOK



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FRACINO PID

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WARNINGS:

The following precautions should be observed before changing/removing components

1. Ensure appliance is fully isolated from the mains electrical supply before removing any body panels or components

2. Ensure water supply has been turned off before removing any components

3. Ensure the appliance has been turned off and allowed to cool for at least 1hour before removing body panels/components.

4. Ensure the appliance has been fully de-pressurised before removing body panels/components, this can be done by opening the steam valve.

5. Only use Fracino approved parts - failure to do so will void warranty

6. Only trained personel should attempt to repair/maintain the appliance

7. Disconnecting, by-passing, tampering with or otherwise interfering with safety valves, high limit thermostats and pressure switches or other safety devices may cause serious injury and/or damage to the appliance

8. It is your responsibility to have a boiler test certificate carried out annually.
This is a requirment of the HSE under the PSSR Act of 2000. Contact Fracino or authorised service agent for further information or to have your boiler tested.

NOTES:
The Fracino policy is one of continuous improvement. We retain the right to change specification without prior notice.
The drawings in this parts book are for illustration only, appearance of parts may vary.

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PID

PID2 and PID3

PARTS LIST – 2013 onward

PART NO	DESCRIPTION
BODYWORK PG1	
CYB223SILTUBE	SILICON MILK FEED TUBE 4MM
ROM140PID-2-A	PID WASTE CUP 2 GROUP
ROM140PID-3-A	PID WASTE CUP 3 GROUP
CYB82D	
FC179B	LOCKNUT (1/8) PRESSURE GAUGE
HEA224	SPRING CLIP FOR SILICON TUBE
BADGEFRACINOENAMELLED	FRACINO CHROME AND BLACK ENAMEL BADGE
ROM237/2	2 GROUP DRIP TRAY
ROM237/3	3 GROUP DRIP TRAY
ROM234W	WIRE DRIP TRAY GRID 2 GROUP
ROM235W	WIRE DRIP TRAY GRID 3 GROUP
ROM242PID	RIGHT HAND PRESSED SIDE PANEL PID WHITE
ROM249PID	LEFT HAND PRESSED SIDE PANEL PID WHITE
ROM20LED	LIGHT BOX FOR LED LIGHTING STRIP
ROM24	RUBBER GROMMET
ROM25LED	LED DRIVE FOR LED STRIP LIGHT
ROM26BLED	BLUE LED STRIP LIGHT
ROM27	WHITE DEFUSER
ROM240A-PID	OVAL WINDOW PANEL WITH PID LOGO
ROM240PID	REAR PANEL PID WHITE 2 GROUP
ROM240/3PID	REAR PANEL PID WHITE 3 GROUP
ROM231	2 GROUP TOP PANEL
ROM232	3 GROUP TOP PANEL
ROM140-3-12	EXPANSION VALVE TO WASTE CUP PIPE FEB 2013 ONWARD
ROM140-2-12	EXPANSION VALVE TO WASTE CUP PIPE FEB 2013 ONWARD
ROM-3-007PID	BACK WRAP ROUND 3 GROUP WHITE
ROM-3-006PID	2 GROUP PID DRIP TRAY SUPPORT WHITE
ROM-2-007PID	BACK WRAP ROUND 2 GROUP WHITE
ROM-2-006PID	2 GROUP PID DRIP TRAY SUPPORT WHITE
ROM230PID-3	3 GROUP PID WIRE CUP SHIELD
ROM230PID-2	2 GROUP PID WIRE CUP SHIELD
CHASSIS PG2	
FC116B	25 MM GROMMET 3MM PANEL
FC136/A	FLEXI-HOSE 3/4 STRAIGHTX 3/4 STRAIGHT 1500MM LONG
FC137	FLEXI HOSE 3/8 STRAIGHT X 3/8 ELBOW
FC157A	TERMINAL BLOCK 3 WAY (2 GROUP ONLY)
FC166HLS	HIGH LIMIT MANUAL RESET THERMOSTAT
FC167	M8 HEX NUT
FC168	M8 SPRING WASHER
FC169	PRESSURE SWITCH 3 POLE
FC169A	PRESSURE SWITCH LOCK NUT
FC174	RELAY
FC179	PRESSURE GAUGE 60MM DOUBLE METAL CASE
FC179A	BRACKET-PRESSURE GAUGE
FC179B	LOCKNUT PRESSURE GAUGE
FC189B	MAIN ON/OFF SWITCH BLUE INDICATOR 06 ON
FC189S/P	SWITCH SURROUND
FC224C	MOTOR PUMP CAPACITOR
FC224PMB	PUMP MOTOR BRACKET
FC225	PUMP
FC225A	PUMP CLIP
FC244	FEET
FC244CN	FOOT COVER STAINLESS STEEL
FC91-3-3D5ORCHESTRA	ROMANO PID CONTROL BOX
HEA082C	DIA 30MM RUBBER GROMMET
MIN190	WATER FILLING BLUE LED 14MM

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ROM002	RIGHT HAND CHASSIS SIDE FEB2013 ONWARD
ROM003	LEFT HAND CHASSIS SIDE FEB 2013 ONWARD
ROM150/07	BOILER TO STEAM VALVE PIPE L. HAND
ROM153	MANIFOLD TO PUMP PRESSURE GAUGE PIPE
ROM161-2BRKT	SOLID STATE RELAY BRACKET 2 GROUP
ROM161-3BRKT	SOLID STATE RELAY BRACKET 3 GROUP
ROM161SSR	PID SOLID STATE RELAY
ROM-2-001PID	PID CHASSIS FRONT 2 GROUP
ROM-2-004	CHASSIS CROSS BRACE 2 GROUP
ROM-2-005	PID CHASSIS BASE 2 GROUP
ROM-2-008	BASE PLATE 2 GROUP
ROM252PID	FRONT PANEL PID 2 GROUP
ROM253PID	FRONT PANEL PID 3 GROUP
ROM-3-001PID	PID CHASSIS FRONT 3 GROUP
ROM-3-004	CHASSIS CROSS BRACE 3 GROUP
ROM-3-005	PID CHASSIS BASE 3 GROUP
ROM-3-008	BASE PLATE 3 GROUP
ROM84PID-BRKT	BOILER SUPPORT BRACKET LOWER
ROM84PID-BRKT-A	BOILER SUPPORT BRACKET UPPER
ROM91PID	CONTROL BOX BRACKET
ROM92-3PID	KEYPAD MOUNTING BRACKET 3 GROUP
ROM92PID	KEYPAD MOUNTING BRACKET 2 GROUP
ROM93PID	ROMANO PID LCD DISPLAY COMPLETE
ROM94A-3PID	FASCIA PANEL RIGHT HAND SIDE 3 GROUP ONLY
ROM94APID	6 BUTTON FASCIA PANEL
ROM94PID-HOTWATER	ROMANO 6 BUTTON KEY PAD - HOT WATER
ROM94PID-STEAM	ROMANO 6 BUTTON KEY PAD - STEAM
ROM96	CAPPUCCINO/LATTE SELECTOR SWITCH LATCHING
ROM99A	PID GROUP COWL
BOILER PG3	
CYB092	1/8" BSP SWIVEL ELBOW TO 6MM
CYB093	1/4" BSP SWIVEL ELBOW TO 6MM
CYB223SILTUBE	SILICON MILK FEED TUBE 4MM
FC134	SAFETY VALVE SEALED SET
FC150A	HOT WATER DIP TUBE
FC156	BOILER TEE
FC162	ELEMENT 4.0kw 230v (2GR)
FC163	ELEMENT 7.5kw (3GR)
FC165/IC	ELEMENT INSUALTED COVER
FC165V	ELEMENT GASKET HIGH TEMP
FC167B	M8 X 25 HEX SET BOLT
FC168	M8 SPRING WASHER
FC171COM	INLET SOLENOID VALVE INC FITTINGS 04 ONWARDS.
FC191	PROBE COMPLETE STD 205 BOILER 120MM
FC75C	1/4" BSP FEMALE BLANK CAP
FC81/2PID	2 GROUP BOILER ASSEMBLED FOR PID
FC82PID	3 GROUP BOILER ASSEMBLED FOR PID
FC92	FLOW METER
ROM142PID	BOTTOM HEAT EXCHANGE FITTING
ROM143PID	PID HEAT EXCHANGE DIP TUBE
ROM144	ROMANO TOP SIGHT GLASS PIPE
ROM145	ROMANO BOTTOM SIGHT GLASS PIPE
ROM146B	INLET SOLENOID TO BOILER PIPE 04/08 ON
ROM146-C-12	BOILER TO MANUAL FILL VALVE FEB 2012 ONWARD
ROM146PID-A-12	MANIFOLD TO INLET SOLENOID FEB 2013 ON WITH COLD WATER BRANCH
ROM149PID	BOILER TO STEAM/HOT WATER SOLENOID
ROM151-2	PRESSURE SWITCH PIPE – 2 GROUP
ROM151-3	PRESSURE SWITCH PIPE – 3 GROUP
ROM154-2-12	MANIFOLD TO FLOW METER PIPE – 2GROUP FEB2013 ONWARD
ROM154-3-12	MANIFOLD TO FLOW METER PIPE – 3GROUP FEB2013 ONWARD
ROM155	NRV/EXPANSION VALVE TO TOP HEAT EX PIPE
ROM171AMT	COMPLETE 3 WAY STEAM VALVE FOR FAST FROTH INCL FITTINGS
ROM178PID	NRV/EXPANSION VALVE COMPLETE WITH FITTINGS
SOL083SS	STAINLESS STEEL TEMP PROBE
MANIFOLD PG4	
FC137	FLEXI HOSE 3/8 STRAIGHT X 3/8 ELBOW
FC138A	MANIFOLD BODY FORGED EXP/NRV 2004 ONWARD

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FC170	COLD WATER INLET BYPASS VALVE
FC178/B	SPRING
FC178/D	3/8" X ¼" SPECIAL FITTING
FC178C	EXPANSION VALVE "O" RING
FC178FV2	EXPANSION VALVE JUMPER FORGED MANIFOLD
FC178G	ADJUSTING SCREW FOR EXPANSION VALVE
FC180ANT	NON RETURN VALVE BODY
FC180BNT	NON RETURN VALVE JUMPER FORGED MANIFOLD 04 ONWARD
FC180DNT	NON RETURN VALVE SPRING
FC180LN	MANIFOLD LOCK NUT
FC198	PAD WASHER
HEA/80A	"O" RING NON RETURN VALVE JUMPER
ROM140-2	EXPANSION TO WASTE CUP 2 GROUP
ROM140-3	EXPANSION TO WASTE CUP 3 GROUP
GROUP PG5	
CYB001	PTFE TUBE
CYB092	1/8" BSP SWIVEL ELBOW TO 6MM
FC103M	SHOWER PLATE
FC103S	SHOWER PLATE SCREW
FC103S	SHOWER PLATE SCREW
FC104/8.5	FILTER HOLDER WASHER (8.5MM THICK)
FC111/A	GROUP EXHAUST NUT
FC116	SOLENOID BASE
FC119	SOLENOID BASE SCREWS
FC120	SOLENOID BASE O-RING
FC121	SOLENOID NUCLEUS RUBY
FC121/V	SOLENOID NUCLEUS KIT
FC1214C	COIL LOCK NUT
FC122	SOLENOID OUTER CASE
FC124/1	SOLENOID COIL WITH CABLES 230V
FC124A	COIL WASHER
FC124B	COIL SPRING WASHER
FC167	M8 GROUP NUT
FC182	SIGHT GLASS O-RING
FC75D	¼ " BSP LOCKNUT
FC95A	GROUP EXHAUST EXTENSION(OLD) 1/8" M X 1/8" F FITTING
FC95N	EXHAUST FITTING
HEA166	125°C SAFETY THERMOSTAT
PIC101	GROUP GASKET
PIC102	GROUP O-RING
PIC129	GROUP BOILER DIP TUBE
PIC146	MANIFOLD TO GROUP INLET PIPE
PIC161	1.1KW BOILER ELEMENT
PIC168	M8 STAR WASHER
PIC260	GRUB SCREW M4X8.0
PIC66	90°C +/-3 BOILER CYCLING THERMOSTAT
PIC97	GROUP COWLING
PIC99	PICCINO GROUP BODY
PIC99B	BOILER BODY
PIC99C	GROUP INSULATION SIDE
PIC99D	GROUP INSULATION TOP
PID171	FINE MESH PID GROUP
ROM129A	PID GROUP RESTRICTOR JET
SIGHT GLASS PG6	
FC135	AIR RELEASE VALVE
FC181	SIGHT GLASS
FC182	SIGHT GLASS "O" RING
FC182	SIGHT GLASS "O" RING
FC183	SIGHT GLASS BRASS RING
FC184	SIGHT GLASS TOP HOLDER
FC185	SIGHT GLASS BOTTOM HOLDER
FC185/B	SIGHT GLASS DRAIN PLUG (CHROME) ¼"
FC186	SIGHT GLASS GLAND NUT CHROME
FC187N	SIGHT GLASS COVER 04/05 ONWARD
FC196/B	LOCK NUT 3/8" SIGHT GLASS
FC196C	

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STEAM VALVES PG7	
FC194/B	STEAM JET NOZZLE STANDARD
FC194/D	COMPLETE HOT WATER NOZZLE ASSEMBLY
FC194D	NON SPLASH HOT WATER NOZZLE
FC194E	ANTI-SPLASH HOT WATER MESH ASSEM.
FC196CP	½" CHROME LOCKNUT
FC198A	PAD WASHER
FC221	STEAM PIPE
FC221A	HOT WATER TUBE S/STEEL
FC221DN	STEAM/WATER TUBE NUT
FC222A/03	STEAM/WATER VALVE BODY
FC222C	SPRING (STEAM TUBE)
FC222G	COPPER VLAVE SEAL
FC222H/R	HAND WHEEL
FC222J	PENNY WASHER VALVE HANDLE
FC222JSP	EXTERNAL SHAKE PROOF WASHER
FC222K/D91	"R" HOLDING CLIP
FC222L/HR	CAP HOT WATER CHROME
FC222L/R	CAP STEAM CHROME
FC222L/RS	CAP STEAM BLACK
FC222L/RW	CAP HOT WATER BLACK
FC222RS	VALVE HEAD 09/03 ONWARD
FC222SG	STEM "O" RING
FC222T	VALVE COLLAR INSERT
FC222U	SPRING (VALVE STEM)
FC222VS	VALVE STEM
FC56	SAFETY CLIP HANDLE STEAM PIPE
UNI222EM	SPHERICAL SEAL FOR TUBE NUT
UNI222F	WASHER FOR STEAM TUBE SWIVEL
UNI222FP	SPHERICAL SEAL FOR TOP BALL
FILTER HOLDERS PG8	
FC107	FILTER SINGLE 7GRAM
FC107/D	FILTER SINGLE DEEP
FC107/POD	SINGLE POD FILTER
FC110	FILTER SPRING
FC105	FILTER HOLDER COMPLETE (SINGLE)
FC111A	SINGLE BEAK CURVED 2006 ONWARD
FC108	FILTER DOUBLE 12GRAM
FC108/D	FILTER DOUBLE DEEP 14GRAM
FC108/POD	DOUBLE POD FILTER SHALLOW 14GRAM
FC105A	FILTER HOLDER COMPLETE (DOUBLE)
FC112/I	DOUBLE BEAK OPEN
FC112	DOUBLE BEAK CLOSED
FC112S	SPECIAL SCREW FOR S/STEEL COVER ON DOUBLE BEAK
MISC	
FC157/2.5	CABLE RESTRAINING BUSH
FC158R	POWER LEAD WITH MOULDED UK 13AMP PLUG
FC75	1/8" BSP COPPER WASHER
FC76	¼" BSP COPPER WASHER
FC77	3/8" COPPER WASHER
FC78	½" COPPER WASHER
LG160	WIRING HARNESS SEMI
LG160/08	WIRING HARNESS L-GEM SEMI. AUTO
HOT WATER AND F.A.S.T. STEAM VALVES	
CYB001	PTFE TUBE
CYB092	1/8" BSP SWIVEL ELBOW TO 6MM
CYB093	1/4" BSP SWIVEL ELBOW TO 6MM
CYB094	6MM EQUAL PUSH FIT TEE
CYB223C	O RING FOR NEEDLE VALVE
CYB72	HOT WATER FITTING FOR TUBE

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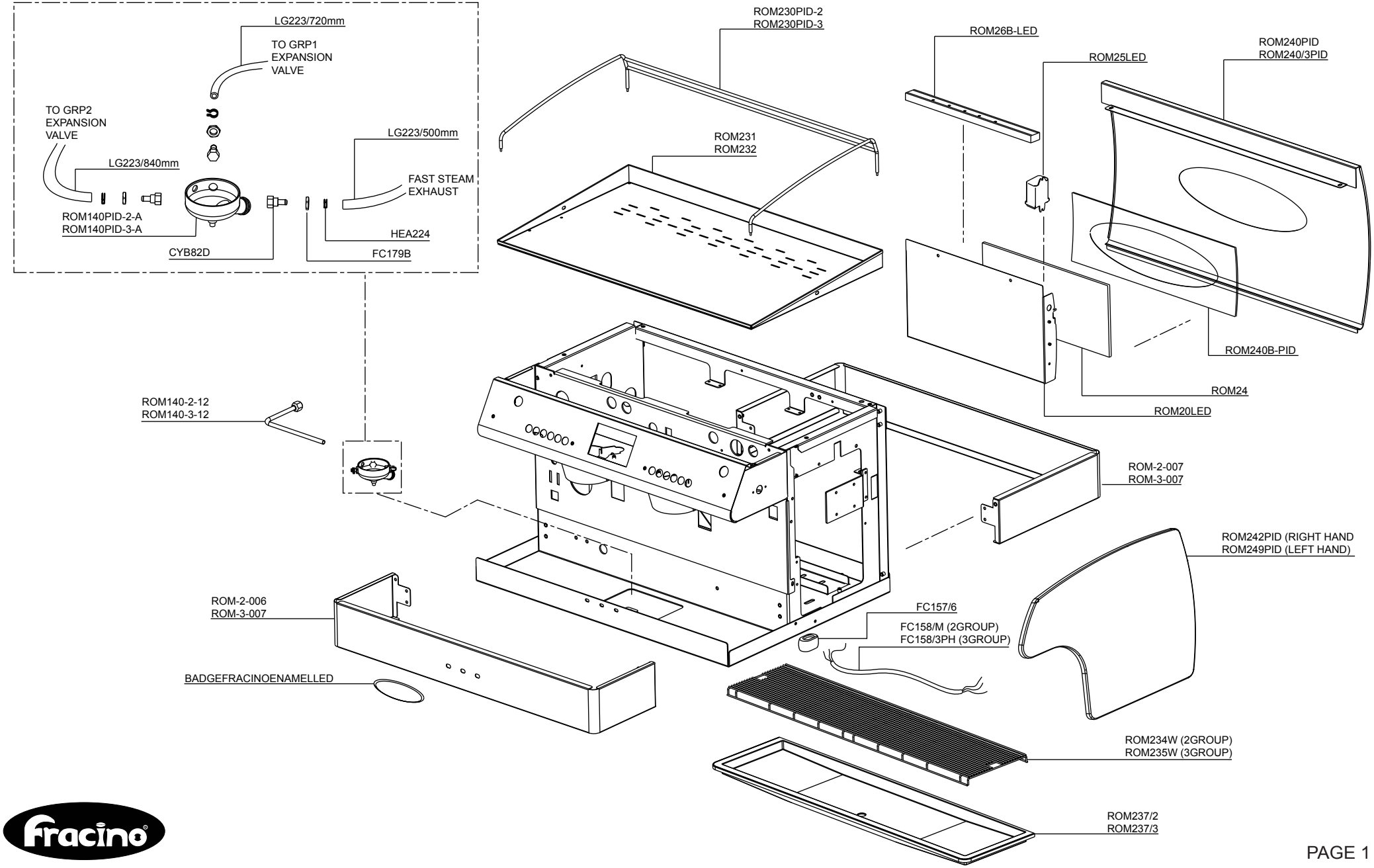
FC149D	NON-SPLASH HOT WATER NOZZLE
FC171	WATER INLET SOLENOID VALVE
FC179B	LOCKNUT (1/8) PRESSURE GAUGE
FC194E	ANTI-SPLASH HOT WATER MESH ASS AERATOR
FC221DN	STEAM/WATER TUBE NUT FOR PTFE SEALS
FC221ES	STEAM TUBE BALL (THREADED)
FC222C	SPRING (STEAM TUBE)
FC222G	COPPER SEAL VALVE BODY/TUBE NUT
FC302C	1/8" BSP to 6mm TUBE STUB COMPLETE WITH 1/8" NUT
PIC168	M8 STAR WASHER
ROM125PID	LATTE NEEDLE VALVE TO TEE PIPE WITH 1/8” NUT
ROM149PID	TEE TO HOT WATER NOZZLE WITH COMPLETE WITH ¼” NUT
ROM222FAST	STEAM TUBE WITH TEMPERATURE SENSOR
ROM223B	AIR VALVE BODY ONLY
ROM223C	NEEDLE FOR AIR VALVE KNURLED HEAD
UNI222EM	PTFE SPHERICAL SEAL FOR TUBE NUT
UNI222F	STAINLESS STEEL WASHER STEAM TUBE SWIVEL
UNI222FP	PTFE SPHERICAL TOP BALL SEAL 09 ON

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PID

BODYWORK

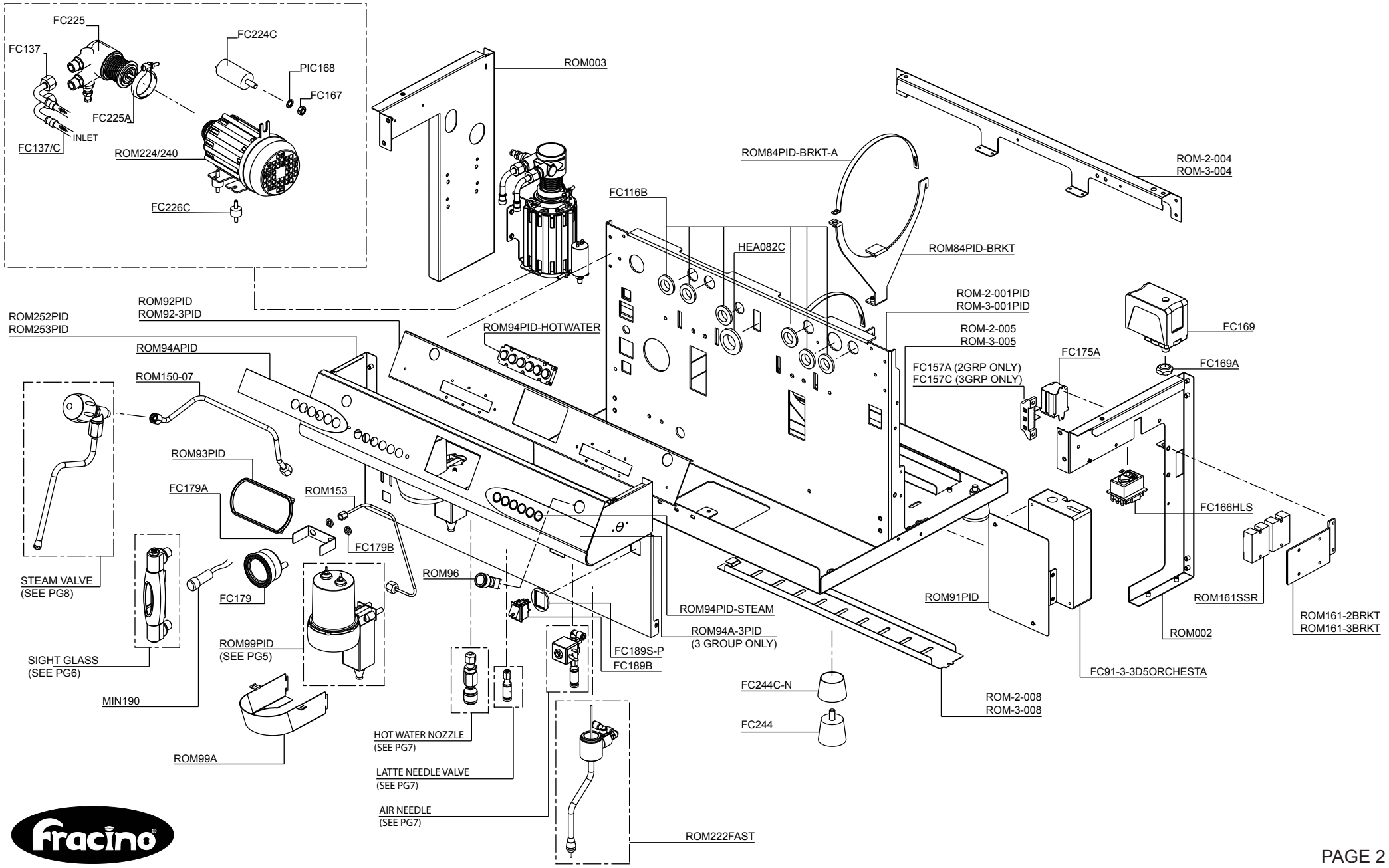
COPPER WASHERS AND FIXINGS HAVE BEEN REMOVED FOR CLARITY



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PID
CHASSIS

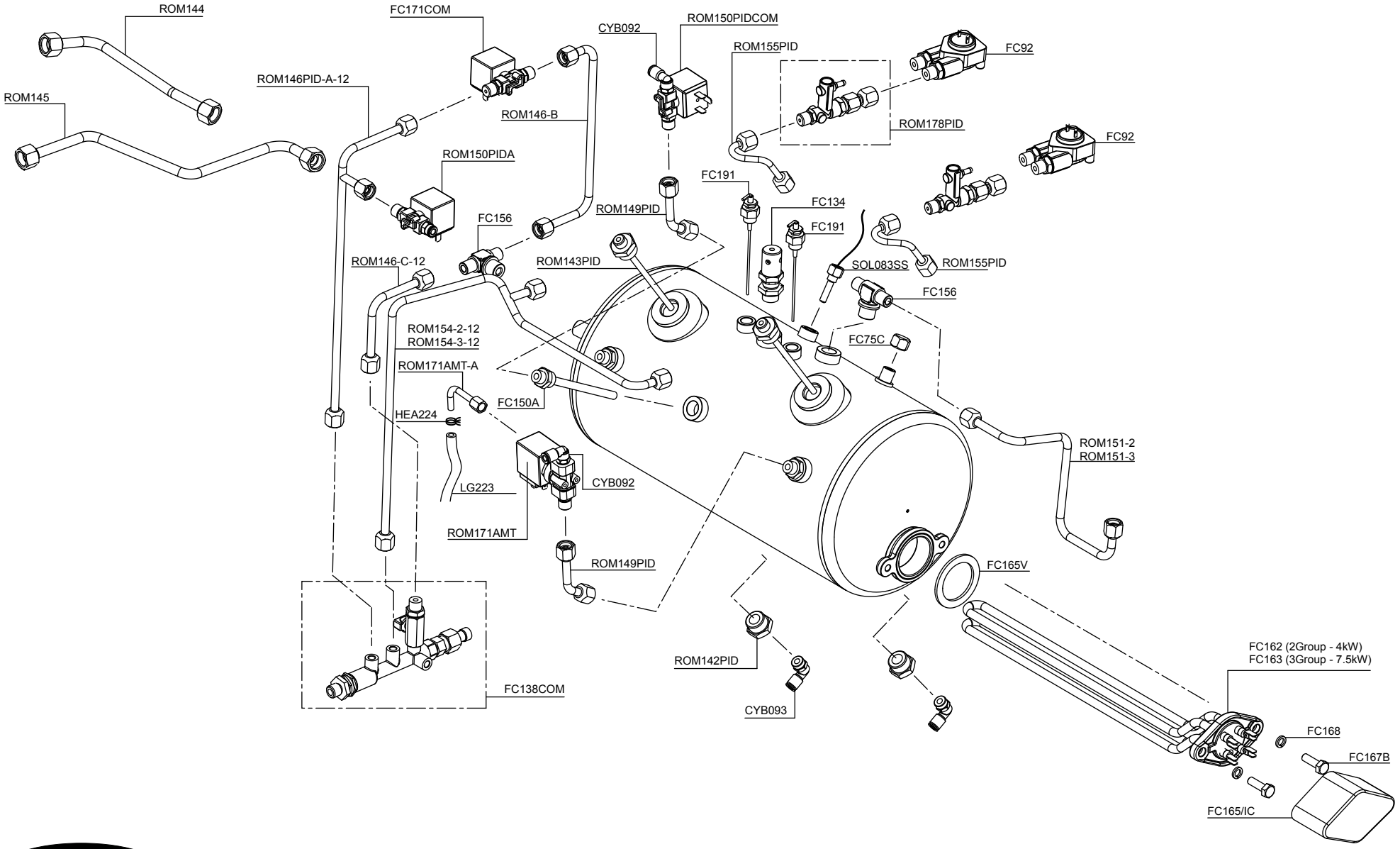
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PID - 2GROUP
BOILER

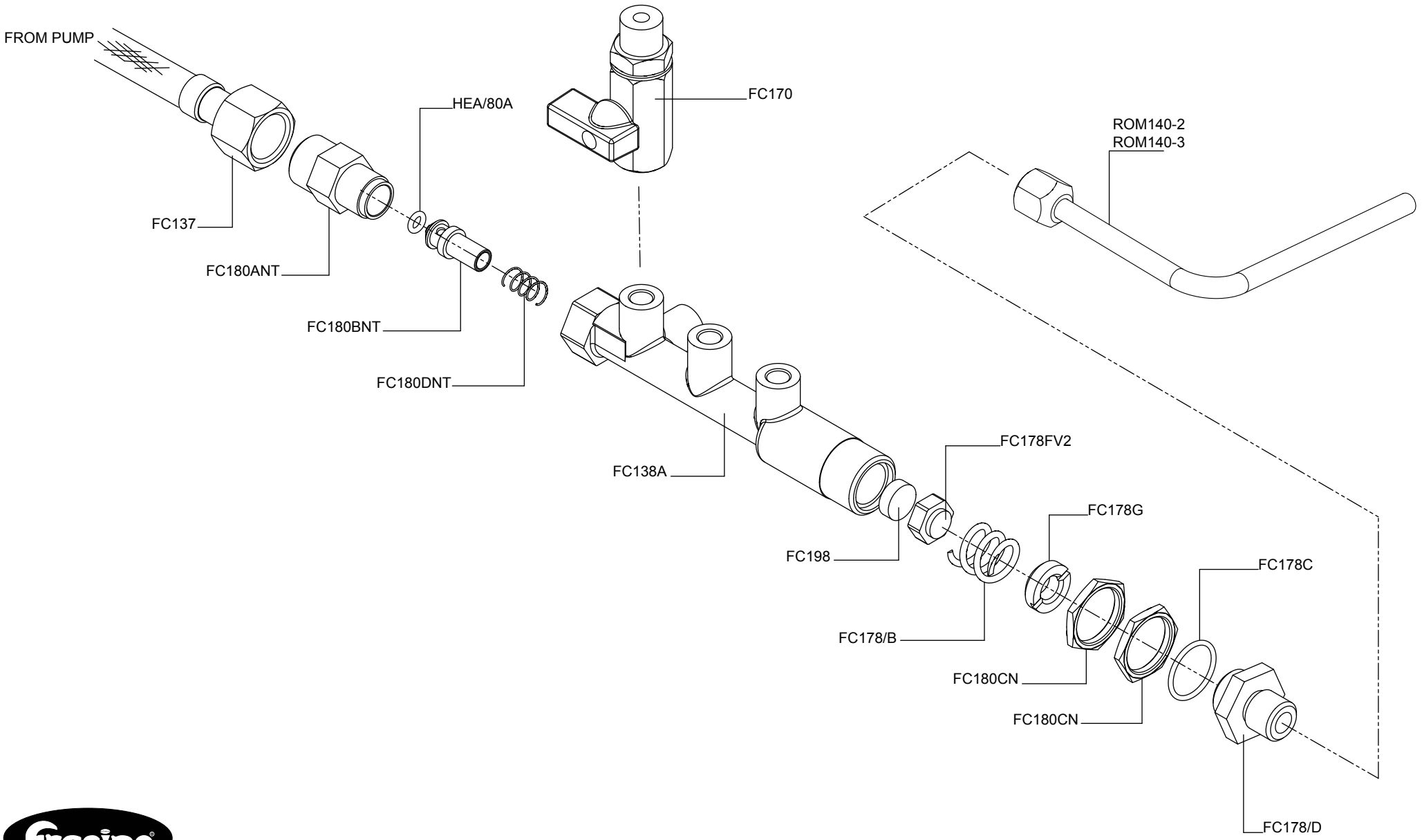
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PID
STEAM VALVES

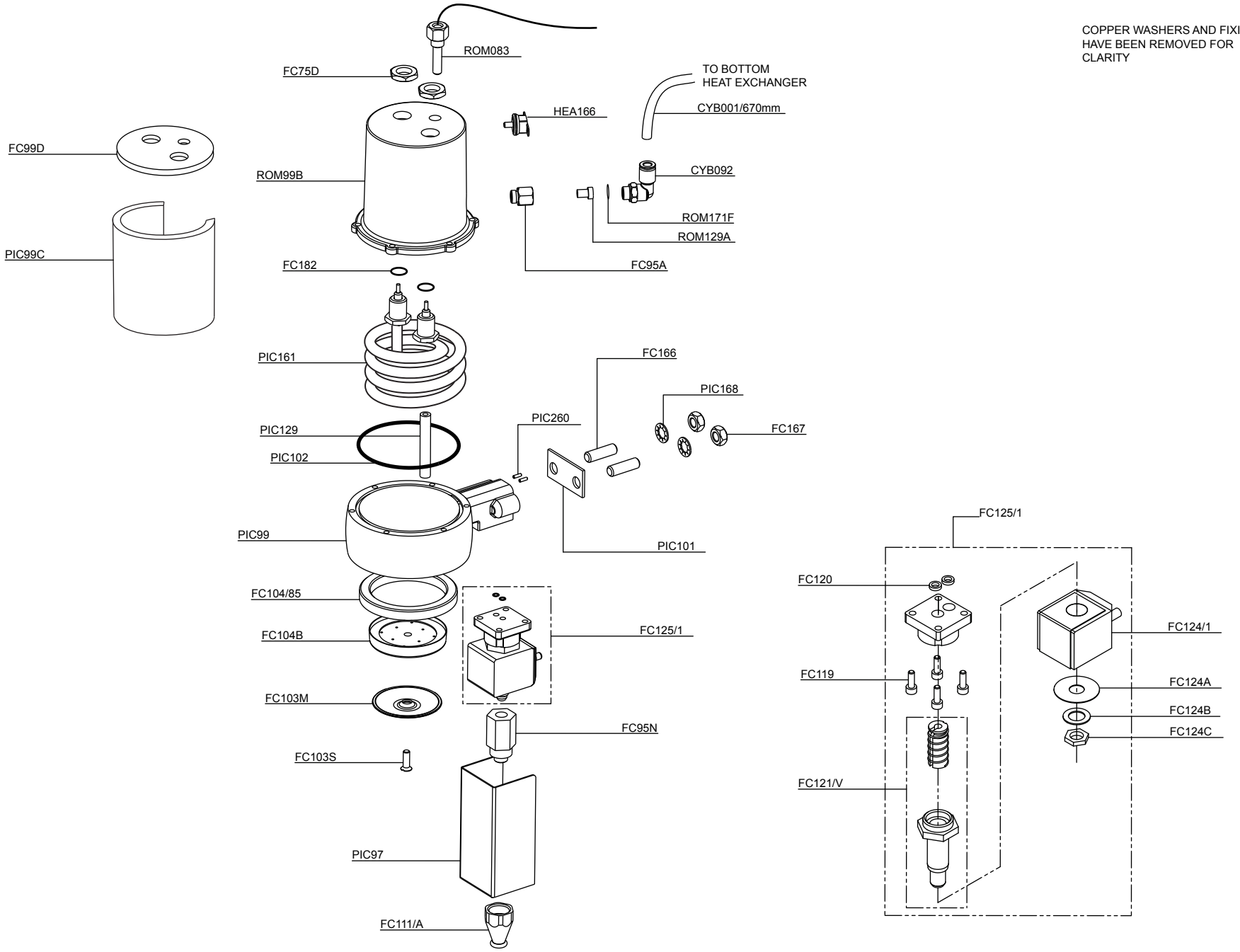
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PID
GROUP

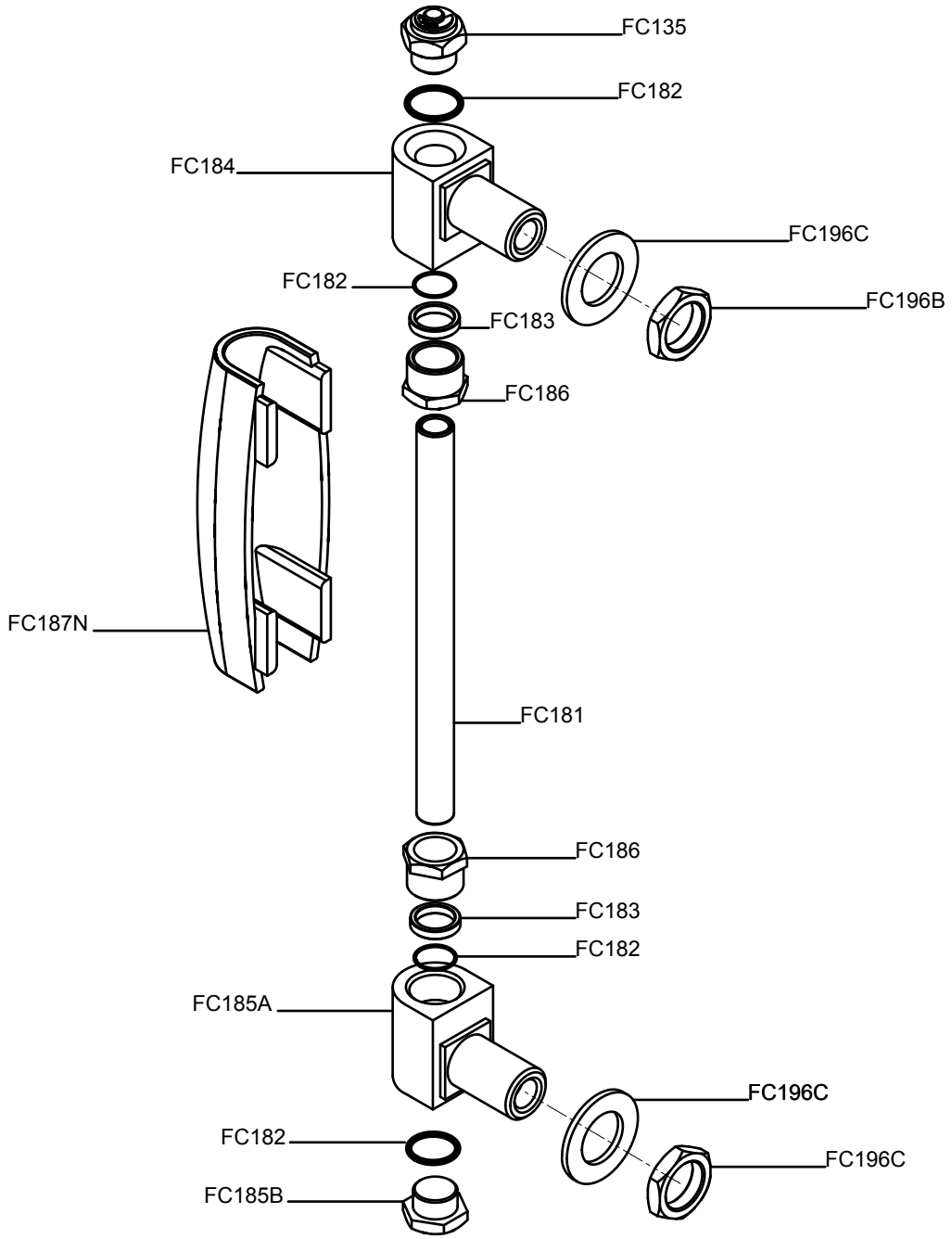
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PID
STEAM VALVES

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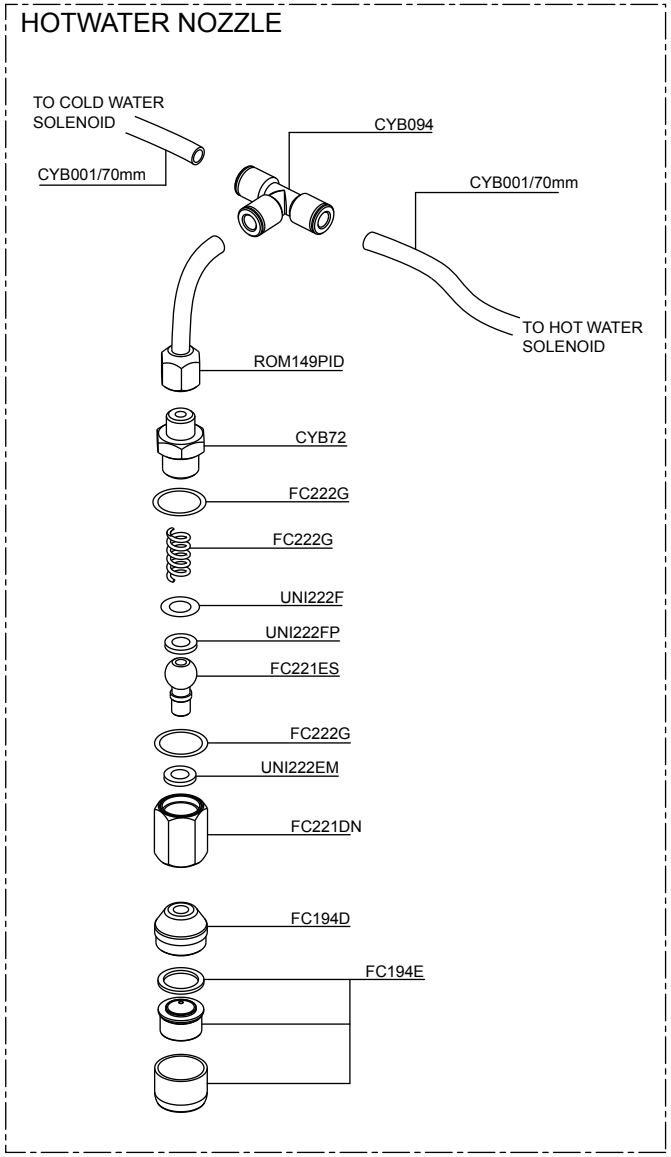


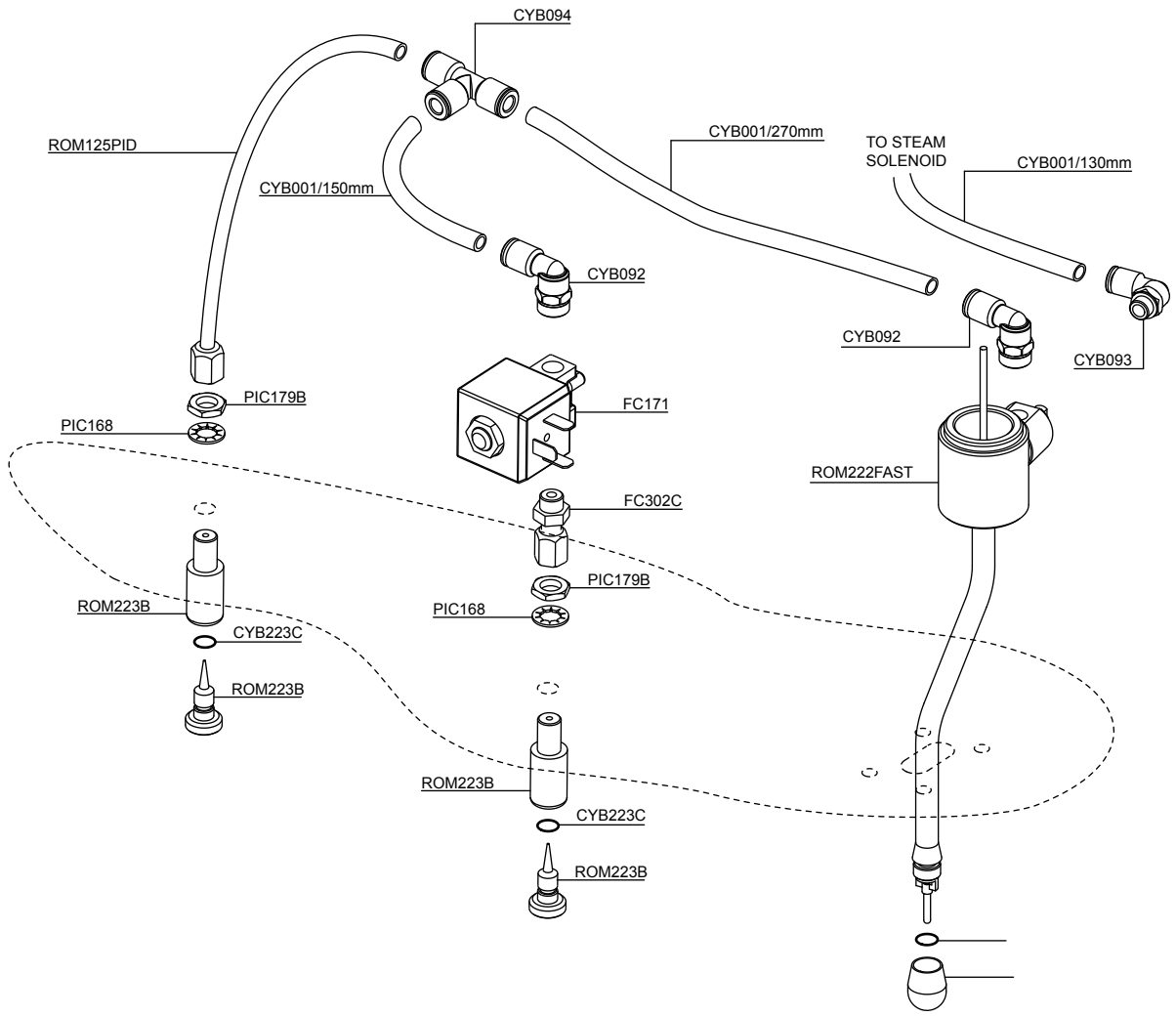
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PID

HOT WATER NOZZLE AND F.A.S.T. STEAM VALVES

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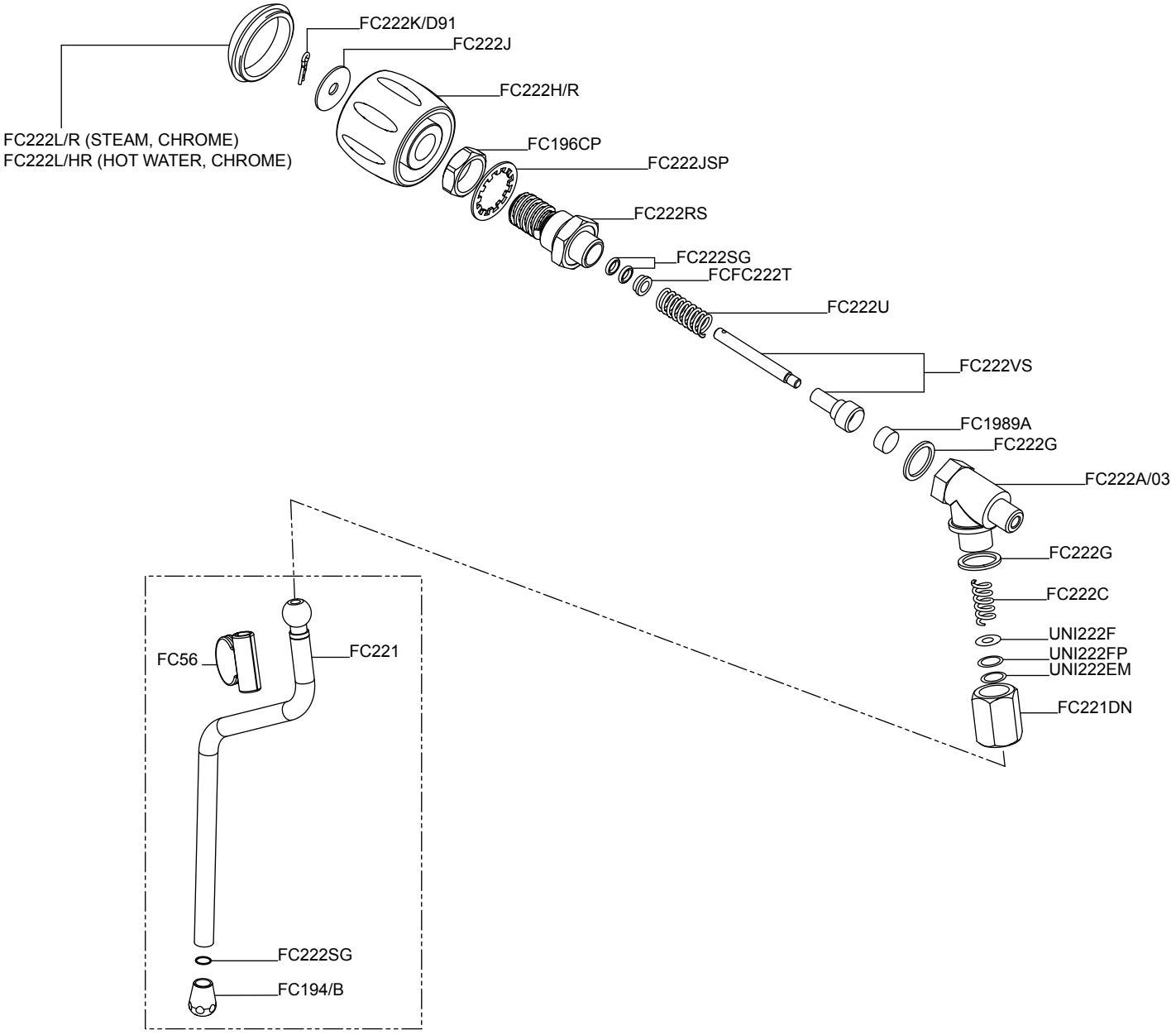




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PID
STEAM VALVES

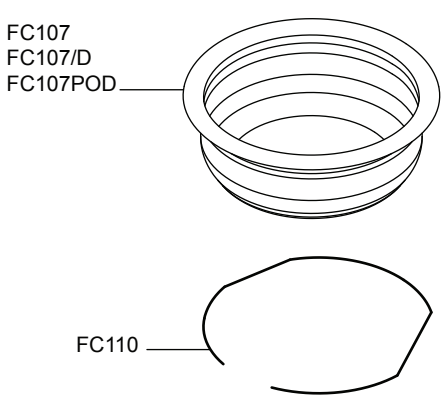
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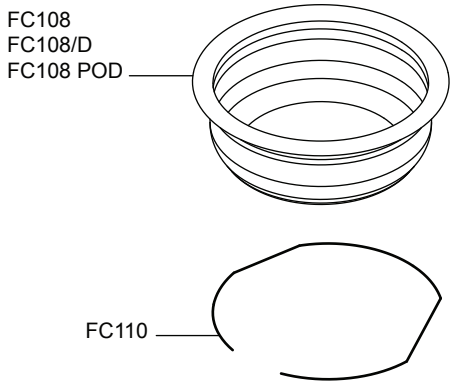


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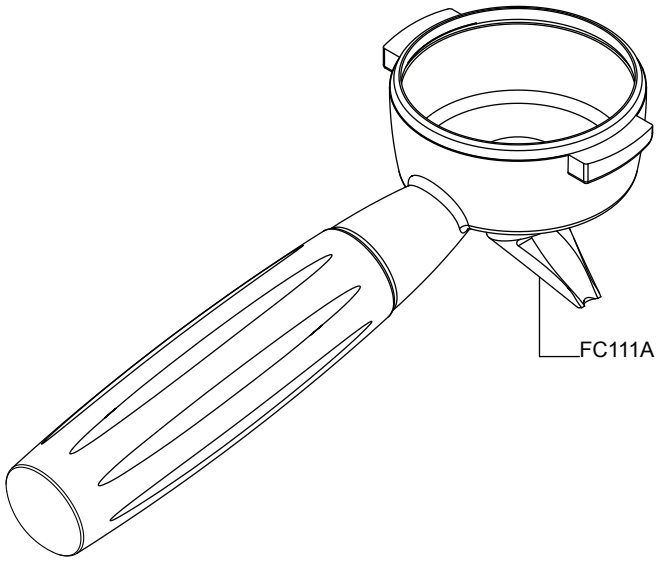
PID

FILTER HOLDERS

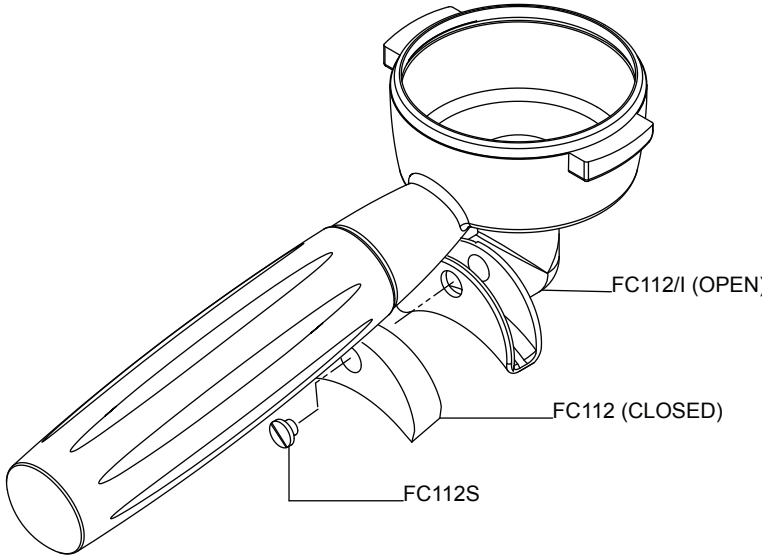




FC105: SINGLE FILTER HOLDER



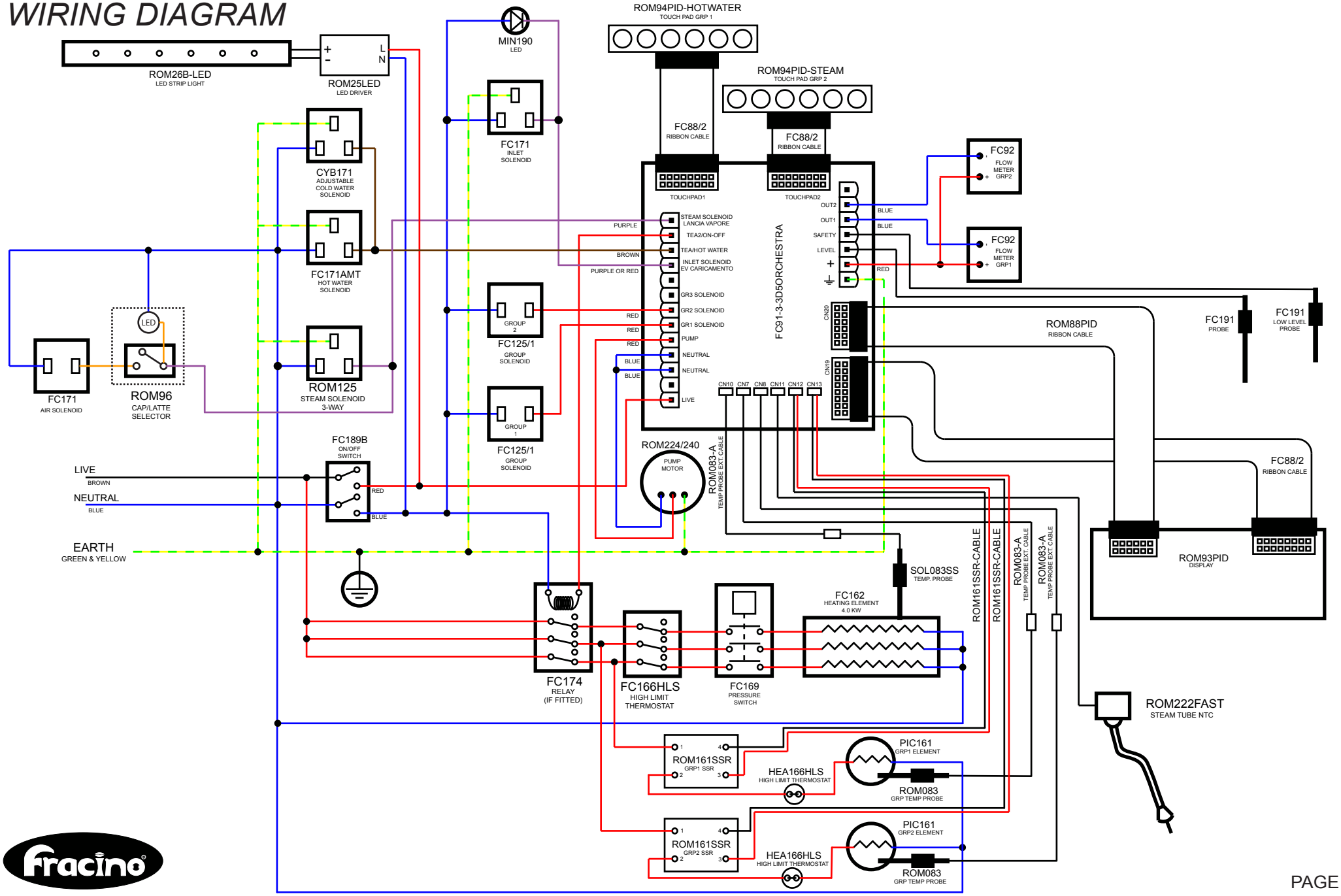
FC105A: DOUBLE FILTER HOLDER



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PID - 2 GROUP

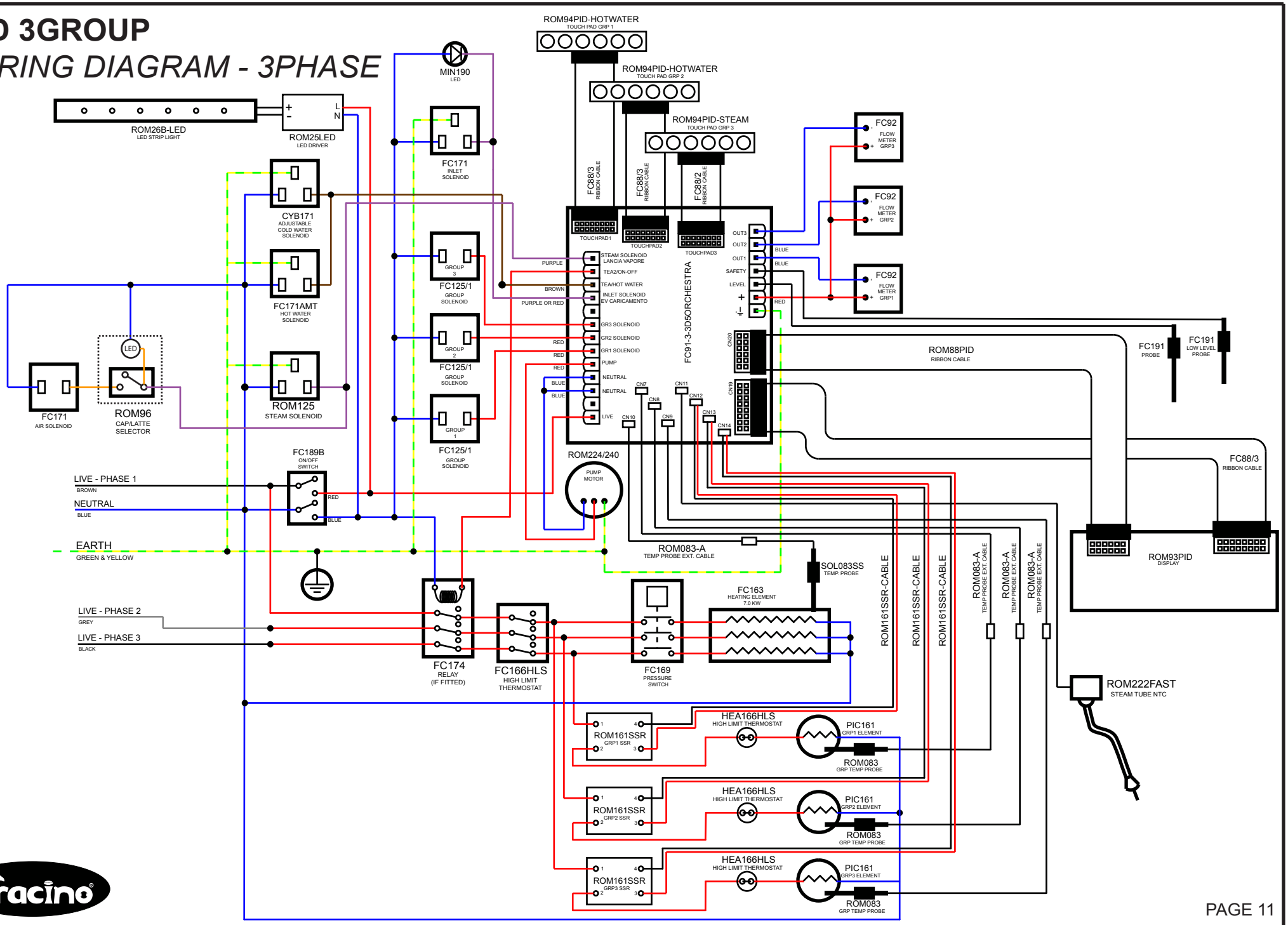
WIRING DIAGRAM



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PID 3GROUP

WIRING DIAGRAM - 3PHASE



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