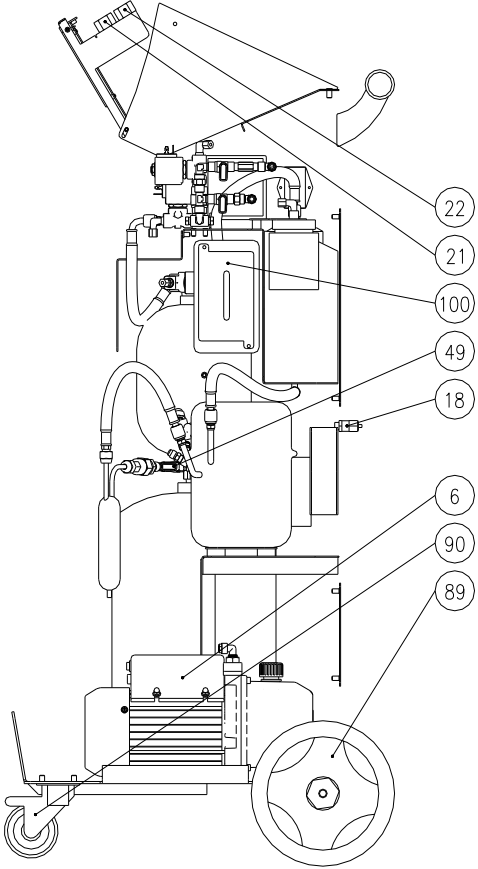
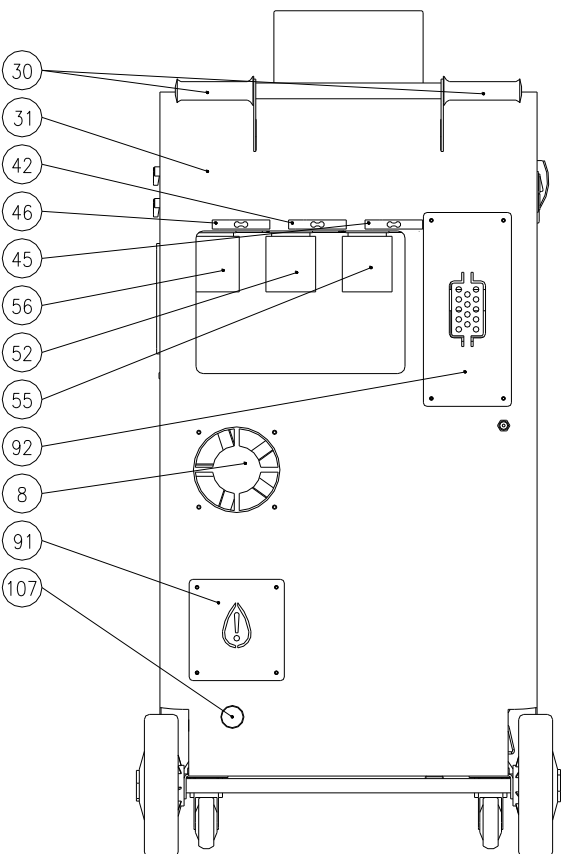
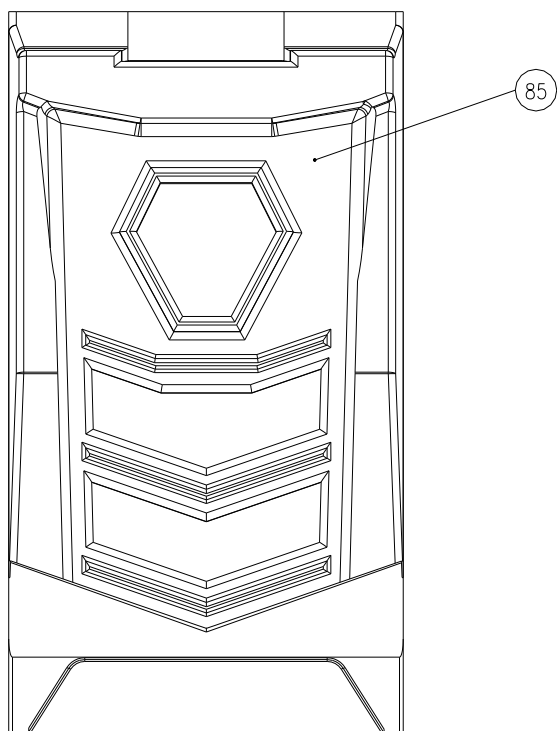
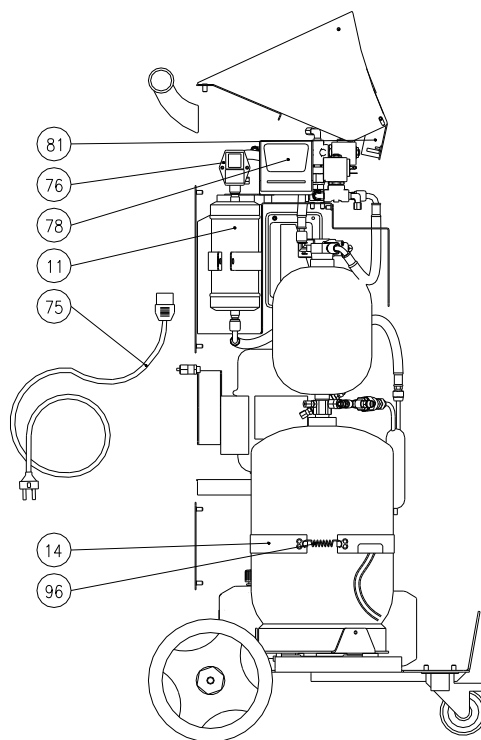
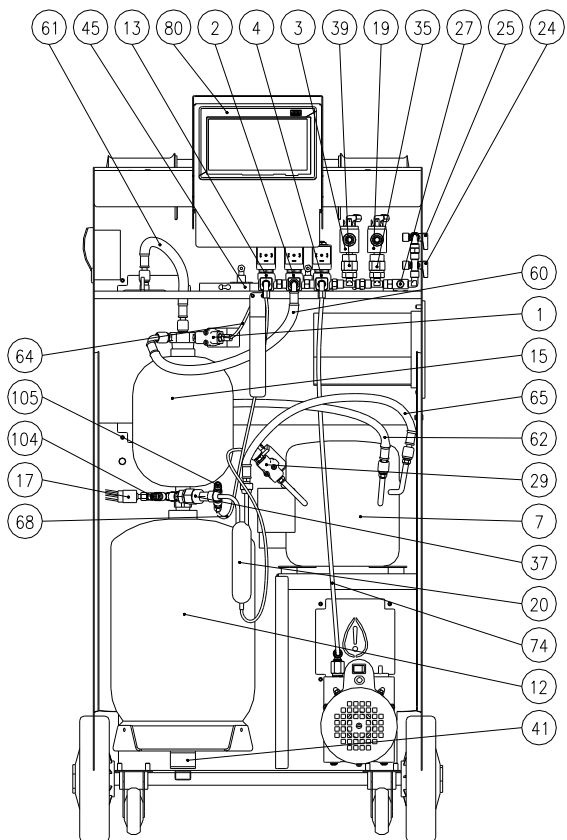


Layout : WIGAM S.p.A.
Printed in Italy
Ed. 03/2020

Layout drawing





Legend

1	Solenoid valve - oil discharge line	52	Oil charging bottle
2	Solenoid valve - recovery line	55	UV charging bottle
3	Solenoid valve - uv charge	56	Oil discharge bottle
4	Solenoid valve - vacuum line	57	LOW flexible hose
6	Vacuum pump	58	HIGH flexible hose
7	Compressor	60	Valve assembly - distiller connecting hose
8	Motor-fan	61	Distiller – filter connectng hose
11	Filter drier	62	Compressor suction hose
12	Complete refrigerant bottle	64	Tubo capillare scarico olio
13	Solenoid valve -refrigerant charging line	65	Compressor pressure hose
14	Heater belt with thermostat on the bottle	66	Capillary hose connecting LOW valve to LOW pressure sensor
15	Distiller/ separator	67	Capillary hose connecting HIGH valve to HIGH pressure sensor
17	Safety pressure switch	68	Refrigerant charge capillary tube
18	Safety valve	71	UV injection capillary tube
19	Solenoid valve - oil charging line	72	Safety valve connecting hose
20	Oil separator complete compressor	73	Oil injection capillary tube
21	LOW pressure sensor	74	Vacuum pump hose
22	LOW pressure sensor	75	Power cable
24	Manual valve - LOW	76	Main power switch
25	Manual valve - HIGH	78	Printer (if present)
27	Complete valve block	80	Electronic control board (with 7" touch screen)
29	Solenoid valve - oil return to compressor line	81	12V power supply for electronic control board
30	Handle knob	85	Plastic cover
31	Frame	89	Rear wheel
35	Check valve - oil charging line	90	Front wheel with brake
37	Check valve – compressor delivery line	91	Panel for vacuum pump oil substitution
39	Check valve - uv charge	92	Panel for filter substitution
41	Load cell - 100 kg (refrigerant)	96	Spring for heater belt
42	Load cell - 5 kg (oil charge)	100	Refrigerant analyser (if present)
45	Load cell - 5 kg (UV charge)	104	Bottle service connection (vapour)
46	Load cell - 5 kg (oil discharge)	105	Bottle service connection (liquid)
47	LOW quick coupler	106	Vacuum pump oil filler plug
48	HIGH quick coupler	107	Vacuum pump sight glass
49	Manual valve - bottle inlet	108	Vacuum pump oil drain plug
50	Manual valve - bottle outlet	111	Auxiliary connection on LOW hose

Reference	Description (English)	Unit type	Wigam Code	Wigam complete description
1	Solenoid valve	Tutti / All	L 14016015	212A3K0F30-OP*ELETTRIVALVOLA NC 1/8"
2	Solenoid valve	Tutti / All	L 14016015	212A3K0F30-OP*ELETTRIVALVOLA NC 1/8"
3	Solenoid valve	Tutti / All	L 14016015	212A3K0F30-OP*ELETTRIVALVOLA NC 1/8"
4	Solenoid valve	Tutti / All	L 14016015	212A3K0F30-OP*ELETTRIVALVOLA NC 1/8"
6	Vacuum pump	Tutti / All	L 02001023	WP100S* POMPA VUOTO 100l/m MONOSTADIO
7	Compressor	Tutti / All	L 14002044	COMPRES.COMPL. X OPTIMA
8	Fan with cable	Tutti / All	L 14006045	VENTIL.ASSIAL.120x120x38mm 220/240 50/60
11	Filter drier	Tutti / All	L 14015013	XH412*FILTRO DEIDRATORE
12 - 15	Bottle + distiller	Tutti / All	L 11004061	BOMB.+DISTIL.COMPL.10KG X OPTIMA
13	Solenoid valve	Tutti / All	L 14016041	21A3K0F15-OP*ELETTRIV. NC 1/8" FORO 1.5
14	Heater on the bottle 100W	Tutti / All	L 14019010	RSF 100/T*RES.C/TERMOS.60° 100W 30x440
17	Safety swithch	Tutti / All	L 14007025	PRESSOSTATO ALTA STATICO 21bar
18	Safety valve	Tutti / All	L 14018007	VS 20/A/PED4*VALVOLA SICUREZZA 20bar 4°CAT
19	Solenoid valve	Tutti / All	L 14016015	212A3K0F30-OP*ELETTRIVALVOLA NC 1/8"
20	Lubricant oil separator	Tutti / All	L 14004098	SEPARAT. OLIO 30X155 COMP. OPTIMA
21	Low pressure sensor	Tutti / All	L 14007046	TRASDUTTORE COMPLETO X OPTIMA (RVC)
22	High pressure sensor	Tutti / All	L 14007046	TRASDUTTORE COMPLETO X OPTIMA (RVC)
27	Complete manifold block	Tutti / All	L 04067137	BLOCCO VALV. X OPTIMA
29	Solenoid valve	Tutti / All	L 14016015	212A3K0F30-OP*ELETTRIVALVOLA NC 1/8"
30	Handle knob	Tutti / All	L 14021005	MANOPOLA IN PVC DIAMETRO INTERNO 22
35	Check valve	Tutti / All	L 14017005	VALVOLA RITEGNO1/8"G MF CH 22
37	Check valve	Tutti / All	L 14017005	VALVOLA RITEGNO1/8"G MF CH 22
39	Check valve	Tutti / All	L 14017005	VALVOLA RITEGNO1/8"G MF CH 22
41	Refrigerant load cell	Tutti / All	L 14025151	CELLA DI CARIC.CABL.100KG BASSA L=1700MM
42	Oil load cell	Tutti / All	L 14025058	CELLA CARICO CABLATA 5kg L=650mm
45	Uv load cell	Tutti / All	L 14025058	CELLA CARICO CABLATA 5kg L=650mm
46	Oil discharge load cell	Tutti / All	L 14025058	CELLA CARICO CABLATA 5kg L=650mm
47-R1234	Low quick coupler	R1234yf	L 05108101	W-AV1234-BM12*IN.RAP.BPxM12x1.5m C/VOL.
47-R134	Low quick coupler	R134a	L 05108091	W-AV134/B4/6*INN.RAP.BP C/VOLx1/4-3/8SAE
48-R1234	High quick coupler	R1234yf	L 05108102	W-AV1234-RM12*IN.RAP.APxM12x1.5m C/VOL.
48-R134	High quick coupler	R134a	L 05108092	W-AV134/R4/6*INN.RAP.AP C/VOLx1/4-3/8SAE
52	Oil dosimeter	Tutti / All	L 14024011	BOTTIGLIA DOSATORE/SCARICO OLIO Ø70mm
55	Uv dosimeter	Tutti / All	L 14024011	BOTTIGLIA DOSATORE/SCARICO OLIO Ø70mm
56	Oil drain bottle	Tutti / All	L 14024011	BOTTIGLIA DOSATORE/SCARICO OLIO Ø70mm
57-R1234	Low pressure hose R1234yf	R1234yf	L 06071120001	GYSS/ZM-ZM/80AV20/B*TUBO FLESS. 2500MM
57-R134	Low pressure hose R134a	R134a	L 06071121001	GYSS/4-4/80AV20/B*TUBO FLESS. 2500MM
58-R1234	High pressure hose R1234yf	R1234yf	L 06071079002	GYSS/ZM-ZM/98/R*TUBO FLESS. 2500mm
58-R134	High pressure hose R134a	R134a	L 06071025002	GYSS/4-4/98/R*TUBO FLESS. 2500mm
60	Valves block - distiller hose	Tutti / All	L 06076028001	GYLL/4-4/31CM/B*TUBO FLESSIBILE
61	Distiller - Filter hose	Tutti / All	L 06071142001	GYSS/4-4/29CM/B*TUBO X OPTIMA
62	Filter-compressor hose	Tutti / All	L 06073087001	GYSL/4-4/56CM/B*TUBO X OPTIMA
64	Oil discharge capillary hose	Tutti / All	L 06054049	TUBO CAP.KINAR.COMPL.x MACCHINE 1000mm
65	Pressure side of compressor hose	Tutti / All	L 06071143002	GYSS/4M-4/47CM/R*TUBO FLES.X OPTIMA
66	Low pressure sensor capillary hose	Tutti / All	L 06054049	TUBO CAP.KINAR.COMPL.x MACCHINE 1000mm
67	High pressure sensor capillary hose	Tutti / All	L 06054049	TUBO CAP.KINAR.COMPL.x MACCHINE 1000mm
68	Refrigerant charge capillary hose	Tutti / All	L 06054049	TUBO CAP.KINAR.COMPL.x MACCHINE 1000mm
71	Uv charge capillary hose	Tutti / All	L 06054049	TUBO CAP.KINAR.COMPL.x MACCHINE 1000mm
72	Safety valve capillary hose	Tutti / All	L 06054049	TUBO CAP.KINAR.COMPL.x MACCHINE 1000mm
73	Oil charge capillary hose	Tutti / All	L 06054049	TUBO CAP.KINAR.COMPL.x MACCHINE 1000mm
74	Vacuum hose	Tutti / All	L 06050008	RILSAN 8x6*TUBO RILSAN 8x6
75	Power cable (Europa Standard)	Tutti / All	L 15003030	CAVO 3x1,0 PC-90°/SCHUKO-90° 3000mm
76	Power switch	Tutti / All	L 15010017	INTERRUTTORE LUMINOSO + PRESA
78	Printer	OPTIMA/P-A	L 14025080	21B0PRN*STAMPANTE CON CABLAGGIO RVC
79	Paper for printer	OPTIMA/P-A	L 09009056	PLUS/PAPER* CARTA TERMICA Ø50x57
80	Complete console	Tutti / All	L 14025164	21H0-RVC-OPTI*SCH.+CABL.X OPTIMA
81	12V power supplier for control board	Tutti / All	L 14025165	21H0-ALM-OPTI-35VA*ALIMENTAT.X OPTIMA
85	Plastic cover	Tutti / All	L 14012089	TERMOF. OPTIMA RAL 7016 ABS OPACO
89	Rear wheel	Tutti / All	L 14013012	BOR/200x45 F.20*RUOTA C/COPRIMOZZO
90	Frontal wheel	Tutti / All	L 14013022	RUOTA POLIURET.ROSSA D.80mm GIR. C/FRE
96	Spring for heater	Tutti / All	L 14023015	MOLLA PER RESISTENZA RSF400
-	Led light strip	Tutti / All	L 14025166	21H0-LED-OPTI*STRISCIA LED X OPTIMA