

FreshGround XL (NA)

FG XL 233

Exploded Views
Spare Parts List
Recommended Spare Parts



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This document applies to the standard version of this machine.

The manufacturer therefore declines all liability for any damage arising from changes in specifications that deviate from the standard version of the machine delivered to you or if the wrong part was identified for repair.

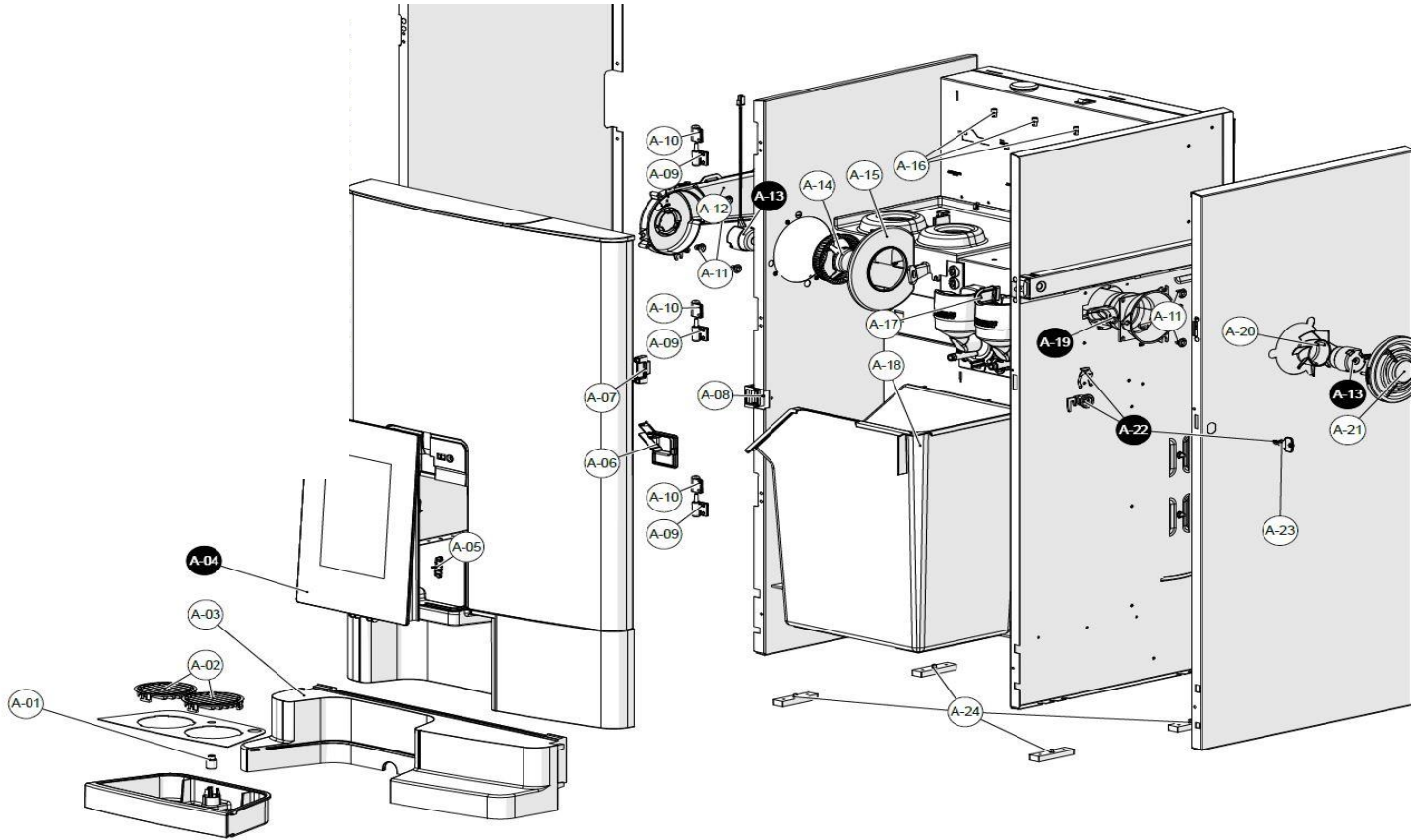
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RS = Recommended Spare Part – In Stock

S = Spare Part – In Stock

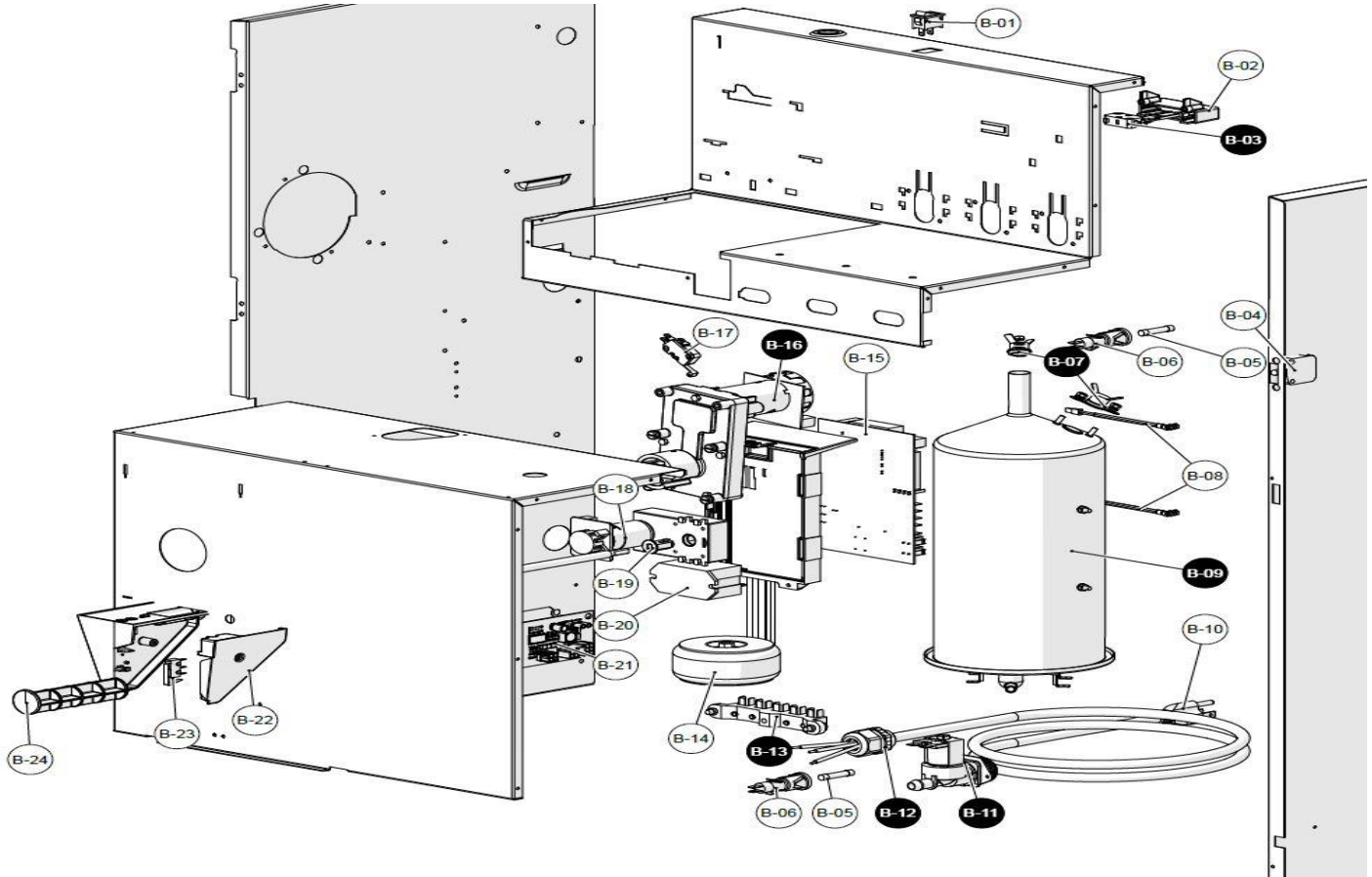
DT = Delivery Time Spare Part – Standard 8 weeks (expedite air service available)

HOUSING



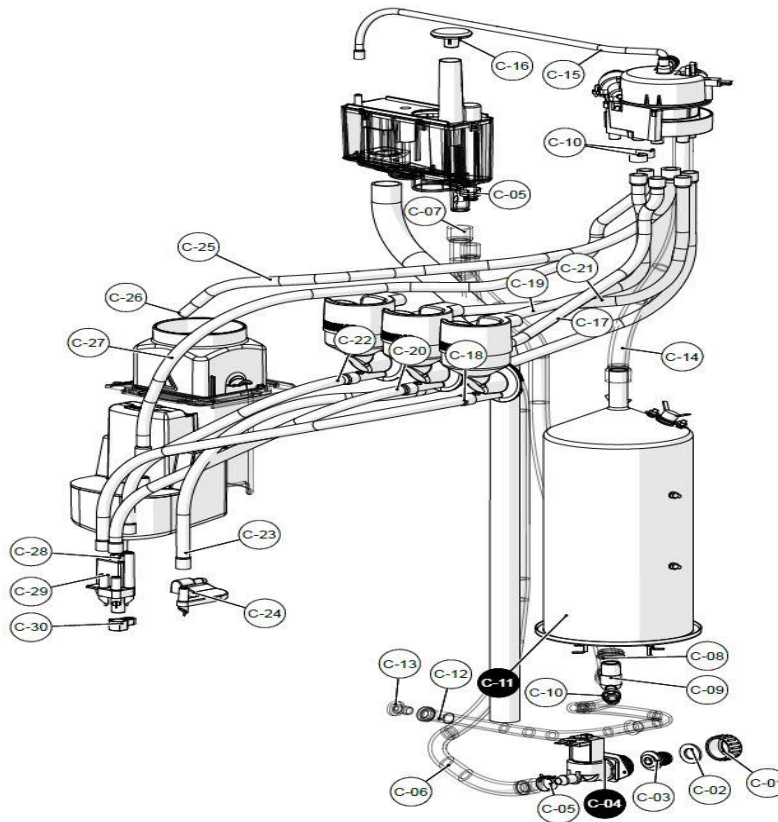
Article No.	BOM - ID	Description	RS, S, DT	QTY	List (\$)	USD Each
6.229.116.001	A-01	Float drip-tray	S	1	\$	6.15
6.231.600.001	A-02	Grid for drip-tray	S	2	\$	7.95
6.331.180.000	A-03	Drip-tray panel	DT	1	\$	101.96
6.000.231.120	A-04	Service panel	RS	1	\$	1,948.92
6.402.002.001	A-05	Push button grey	S	1	\$	4.32
6.231.703.001	A-06	Cover	DT	1	\$	12.01
6.231.207.001	A-07	Counterpart safety switch	DT	1	\$	22.82
6.231.704.001	A-08	Guide	DT	1	\$	9.10
6.231.573.001	A-10	Hinge (upper part)	S	3	\$	5.64
6.231.204.001	A-10	Vibration damper	S	6	\$	2.71
6.231.574.001	A-11	Hinge (lower part)	S	3	\$	2.59
6.331.384.001	A-12	Housing fan	DT	1	\$	24.22
6.000.229.146	A-13	Fan motor	S	2	\$	31.88
6.331.385.001	A-14	Rotor fan	S	1	\$	27.57
6.331.386.001	A-15	Fan cover	S	1	\$	17.47
6.229.495.001	A-16	Plastic pin	S	2	\$	3.23
6.231.044.001	A-17	Service key	S	1	\$	4.78
6.231.186.001	A-18	Litterbin FM XL	S	1	\$	77.07
6.231.193.000	A-19	Housing fan	S	1	\$	10.31
6.231.705.001	A-21	Grid fan	S	1	\$	9.91
6.014.004.052	A-22	Lock incl. key/spring	S	1	\$	27.05
6.014.012.017	A-23	Key	S	1	\$	4.50
6.329.518.001	A-24	Foot 60X16X8	DT	4	\$	6.09

ELECTRICAL PARTS AND COMPONENTS



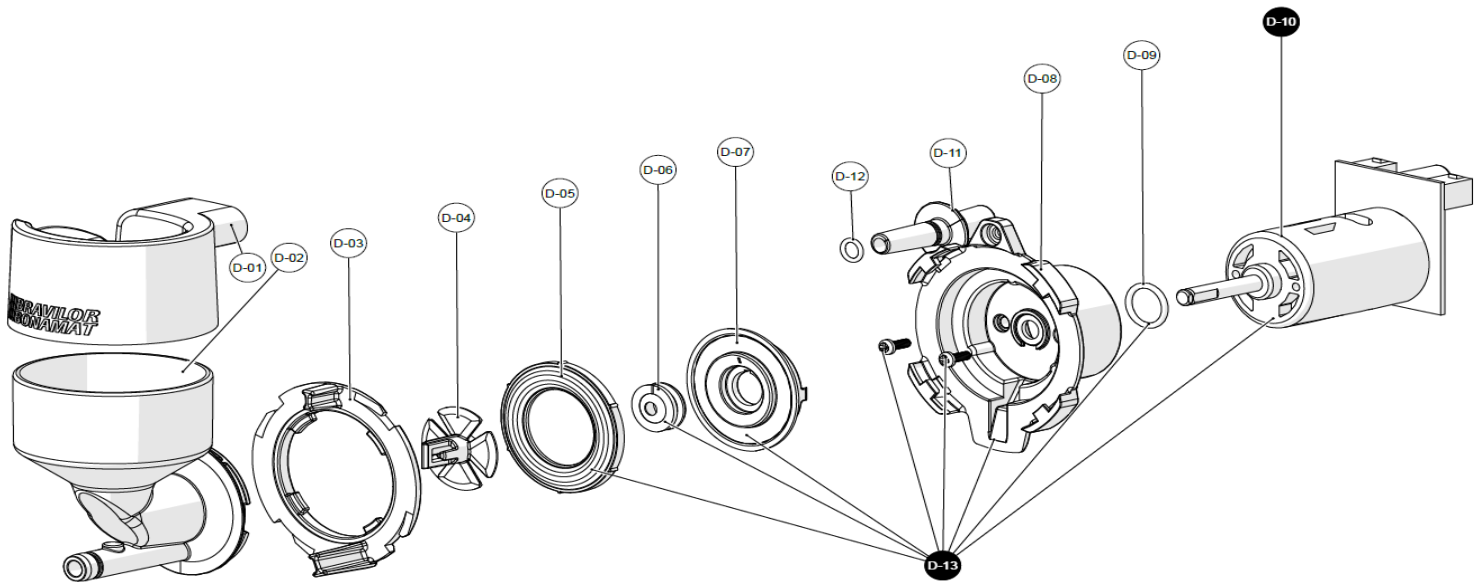
Article No.	BOM - ID	Description	RS, S, DT	QTY	List (\$)	USD Each
6.004.001.089	B-01	Switch	RS	1	\$	9.78
6.331.133.001	B-02	Protection cover	S	1	\$	9.39
6.331.401.000	B-03	Switch	RS	1	\$	14.89
6.004.003.043	B-04	Safety switch	RS	1	\$	15.80
6.005.011.016	B-05	Fuse 4A (10 pcs)	S	2	\$	44.61
6.005.012.008	B-06	Fuse holder 2 parts	S	2	\$	10.55
6.016.008.076	B-07	High temperature safety switch	RS	2	\$	17.87
6.265.146.000	B-08	Temperature sensor	RS	2	\$	12.21
6.000.231.135	B-09	Flow Boiler USA 120V-2x1375W (assy)	RS	1	\$	336.07
6.003.012.164	B-10	Connection cord 1785 mm (US)	S	1	\$	39.46
6.016.001.070	B-11	Magnetic valve 2l/min 24V	RS	1	\$	6.28
6.006.001.061	B-12	Cord inlet	S	1	\$	16.97
6.002.019.160	B-13	Wire clamp	S	1	\$	10.66
6.004.011.107	B-14	Trafo 57VA	RS	1	\$	144.75
6.331.320.000	B-15	Power board	RS	1	\$	412.48
6.000.231.150	B-16	Brewer motor 24cdv complete	RS	1	\$	383.82
6.004.003.044	B-17	Safety switch	RS	1	\$	18.35
6.030.070.044	B-18	Motor shut-off clamp	RS	1	\$	188.15
6.331.156.001	B-19	Drive Shaft	S	1	\$	6.91
6.004.002.102	B-20	Relay 120VAC	RS	1	\$	66.15
6.231.725.000	B-21	MDB Print (not included in standard unit)	S	1	\$	350.49
6.231.733.001	B-22	Cover	DT	1	\$	7.95
6.004.003.203	B-23	Micro switch	S	1	\$	6.24
6.231.737.001	B-24	Holder filter roll	S	1	\$	13.18

TUBE SYSTEM



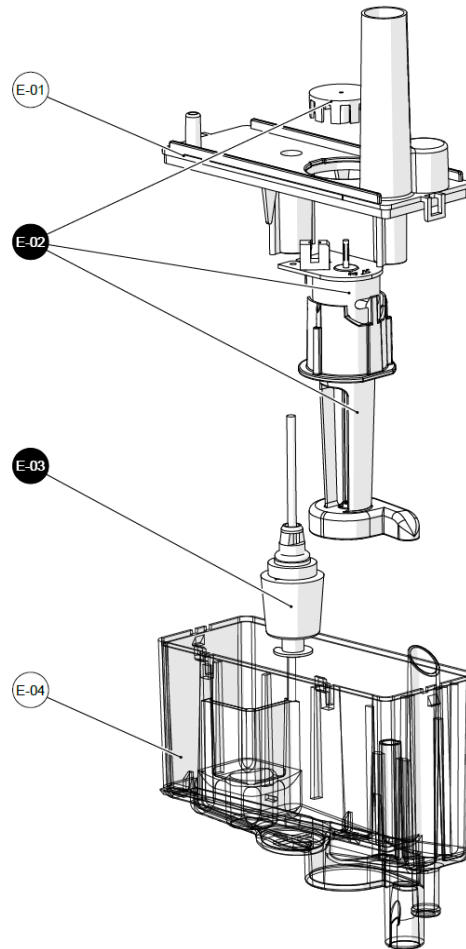
Article No.	BOM - ID	Description	RS, S, DT	QTY	List (\$) USD Each
6.013.012.021	C-01	Coupling nut	DT	1	\$ 7.39
6.013.002.051	C-02	O-ring 24x13x2 EPDM 80°Sh	S	1	\$ 5.41
6.329.548.001	C-03	Coupling nut stainless steel	DT	1	\$ 22.62
6.016.001.070	C-04	Magnetic valve 2l/min 24V	RS	1	\$ 6.28
6.001.079.003	C-05	Tube clamp 15.6 mm	S	2	\$ 0.66
6.019.033.014	C-06	Silicone tube 15.5 x 9.5 (680mm)	S	1	\$ 26.32
6.019.033.013	C-07	Silicone tube 17,5 x 11,5 (630mm)	S	2	\$ 32.15
6.231.191.001	C-08	Ring silicone	S	1	\$ 5.70
6.231.132.001	C-09	Supply boiler	S	1	\$ 8.76
6.001.079.001	C-10	Tube clamp 12.1 mm	S	3	\$ 1.20
6.000.231.135	C-11	Flow Boiler USA 120V-2x1375W (assy)	RS	1	\$ 336.07
6.263.081.001	C-12	Drain hose	S	1	\$ 46.53
6.006.002.018	C-13	Tightening plug	S	1	\$ 0.55
6.019.033.013	C-14	Silicone tube 17,5 x 11,5 (430mm)	S	1	\$ 32.15
6.019.033.009	C-15	Silicone tube 7 x 4 (400mm)	S	1	\$ 29.87
6.329.528.001	C-16	Descaling plug	S	1	\$ 2.58
6.019.033.004	C-17	Silicone tube 7,5 x 2 (310mm)	S	1	\$ 27.28
6.019.033.004	C-18	Silicone tube 7,5 x 2 (480mm)	S	1	\$ 27.28
6.019.033.004	C-19	Silicone tube 7,5 x 2 (310mm)	S	1	\$ 27.28
6.019.033.004	C-20	Silicone tube 7,5 x 2 (425mm)	S	1	\$ 27.28
6.019.033.004	C-21	Silicone tube 7,5 x 2 (370mm)	S	1	\$ 27.28
6.019.033.004	C-22	Silicone tube 7,5 x 2 (380mm)	S	1	\$ 27.28
6.019.033.004	C-23	Silicone tube 7,5 x 2 (760mm)	S	1	\$ 27.28
6.331.162.001	C-24	Hot water outlet	S	1	\$ 8.39
6.019.033.004	C-25	Silicone tube 7,5 x 2 (490mm)	S	1	\$ 27.28
6.236.257.001	C-26	Outlet	S	1	\$ 9.22
6.019.033.004	C-27	Silicone tube 7,5 x 2 (650mm)	S	1	\$ 27.28
6.331.163.001	C-28	Drink outlet	S	1	\$ 8.58

MIXING SYSTEM



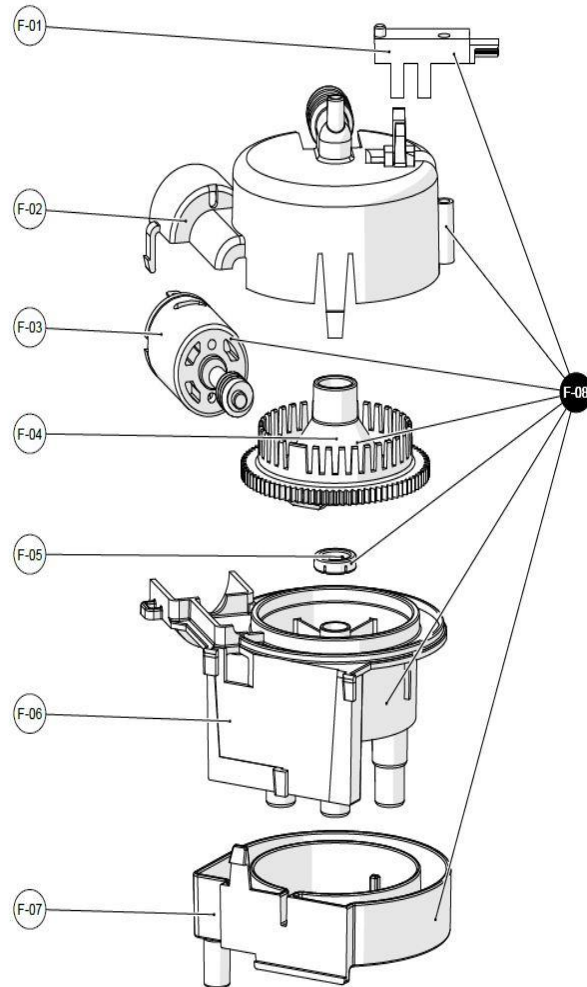
Article No.	BOM - ID	Description	RS, S, DT	QTY	List (\$) USD Each
6.329.499.001	D-01	Condense reservoir	S	3	\$ 21.45
6.229.805.001	D-02	Mixing chamber 6mm	S	3	\$ 15.15
6.229.809.001	D-03	Fastening ring	S	3	\$ 9.29
6.329.492.001	D-04	Whipper disk 6 mm	S	3	\$ 8.59
6.229.806.001	D-05	Holder rubber seal	S	3	\$ 6.60
6.030.071.020	D-06	Rubber seal mixer	S	3	\$ 5.04
6.229.807.001	D-07	Holder rubber seal	S	3	\$ 9.72
6.229.810.001	D-08	Plate mixer motor	S	3	\$ 16.49
6.011.001.094	D-09	O-ring 13x2	RS	3	\$ 0.85
6.331.237.000	D-10	Mixer motor incl. print	RS	3	\$ 103.02
6.229.580.001	D-11	Water inlet 6mm	S	3	\$ 5.02
6.011.001.073	D-12	O-ring 6x1.5	S	3	\$ 2.01
6.000.229.207	D-13	Mixer motor complete	RS	3	\$ 61.30

FLOAT TANK



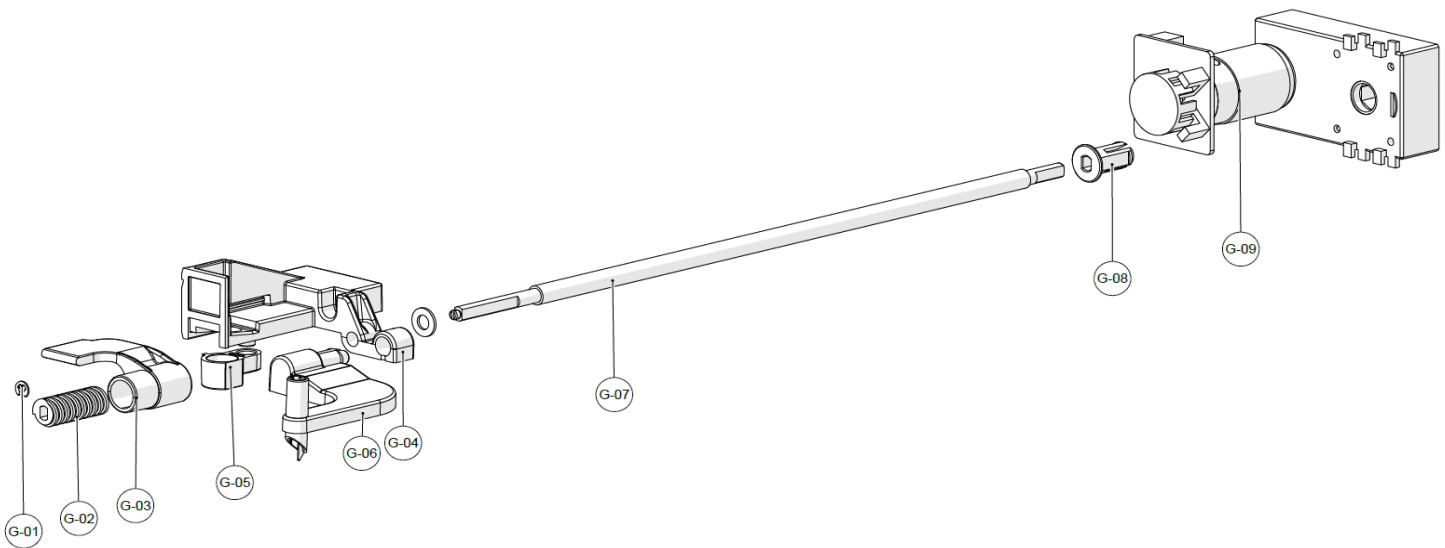
Article No.	BOM - ID	Description	RS, S, DT	QTY	List (\$) USD Each
6.229.334.001	E-01	Lid pump float tank	S	1	\$ 17.03
6.000.229.198	E-02	Pump float tank 4000 rpm	RS	1	\$ 69.04
6.229.891.001	E-03	Float	S	1	\$ 47.66
6.229.335.001	E-04	Pump float tank	S	1	\$ 17.47

WATER SELECTOR



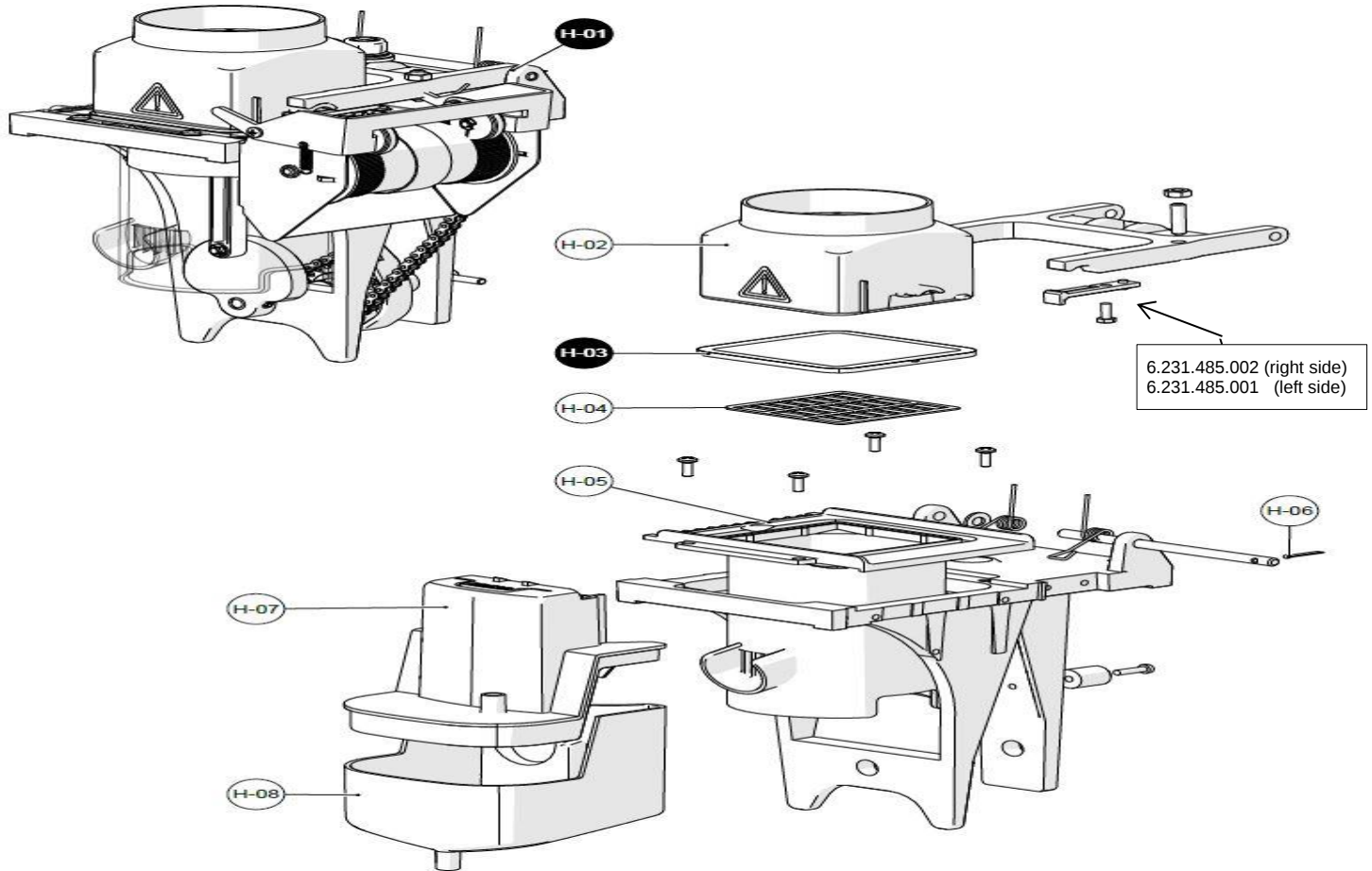
Article No.	BOM - ID	Description	RS, S, DT	QTY	List (\$)	USD Each
6.004.026.001	F-01	Light sensor	RS	1	\$	17.05
6.231.121.001	F-02	Lid water selector	S	1	\$	20.91
6.000.231.022	F-03	Motor water selector (assy)	RS	1	\$	32.45
6.231.120.001	F-04	Water rotation disk	RS	1	\$	17.68
6.229.761.001	F-05	Water sealing ring	S	1	\$	12.43
6.231.119.001	F-06	Outlets (6) water selector	S	1	\$	25.52
6.231.259.001	F-07	Drip-tray water selector	S	1	\$	8.37
6.000.231.016	F-08	Water selector (6) complete	S	1	Please Call	

SHUT OFF CLAMP



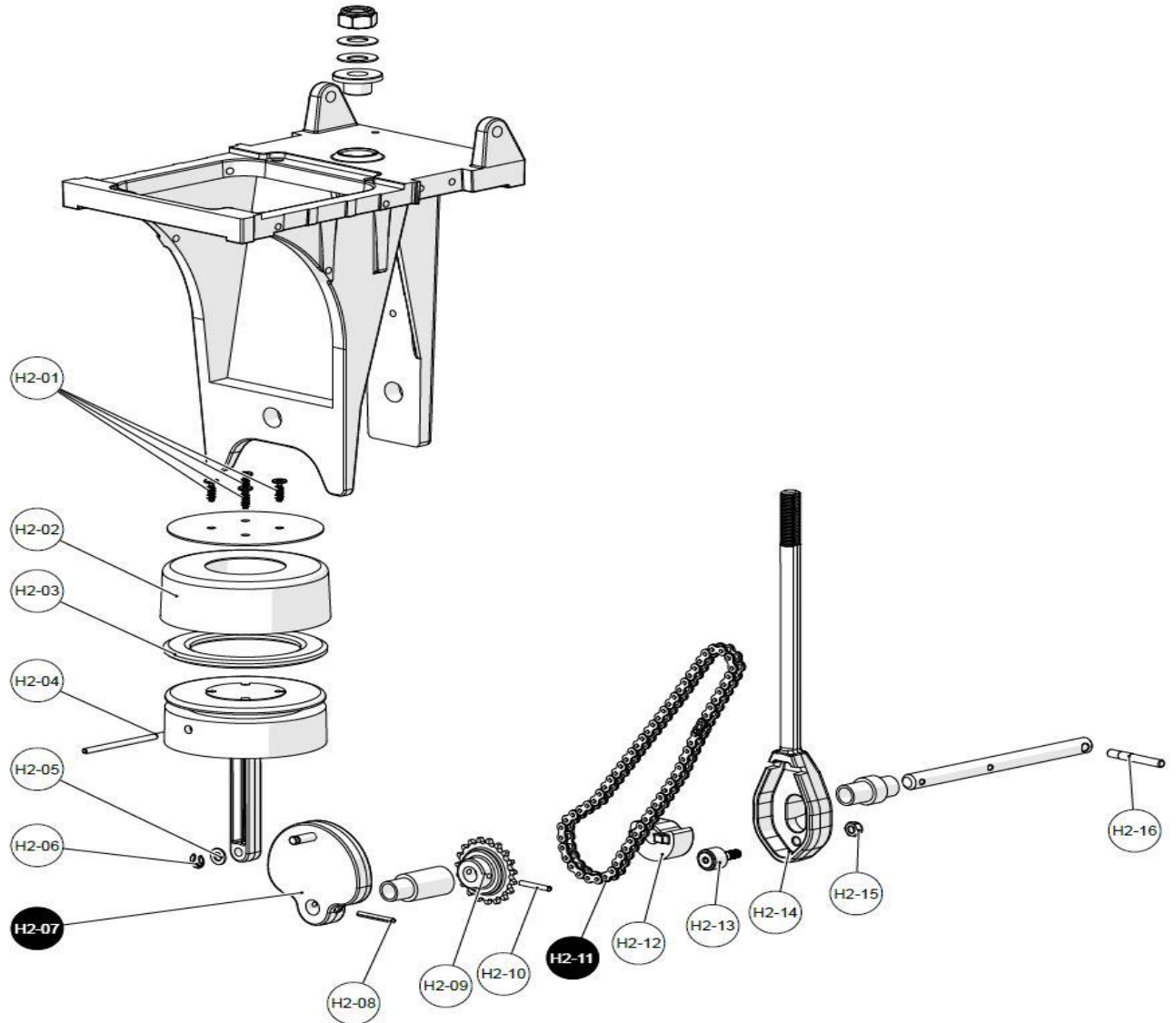
Article No.	BOM - ID	Description	RS, S, DT	QTY	List (\$)	USD Each
6.001.093.012	G-01	Safety ring 3.2mm	S	1	\$	5.18
6.331.159.001	G-02	Adjustment screw	S	1	\$	6.91
6.331.160.001	G-03	Tube shut-off clamp	S	1	\$	7.74
6.331.158.001	G-04	Tube outlet support	S	1	\$	11.69
6.331.392.001	G-05	Tube guiding piece	S	1	\$	10.77
6.331.162.001	G-06	Hot water outlet	S	1	\$	8.39
6.331.157.001	G-07	Turning rod	S	1	\$	163.03
6.331.156.001	G-08	Drive shaft	S	1	\$	6.91
6.030.070.044	G-09	Motor shut-off clamp	RS	1	\$	188.15

BREWER PARTS 1



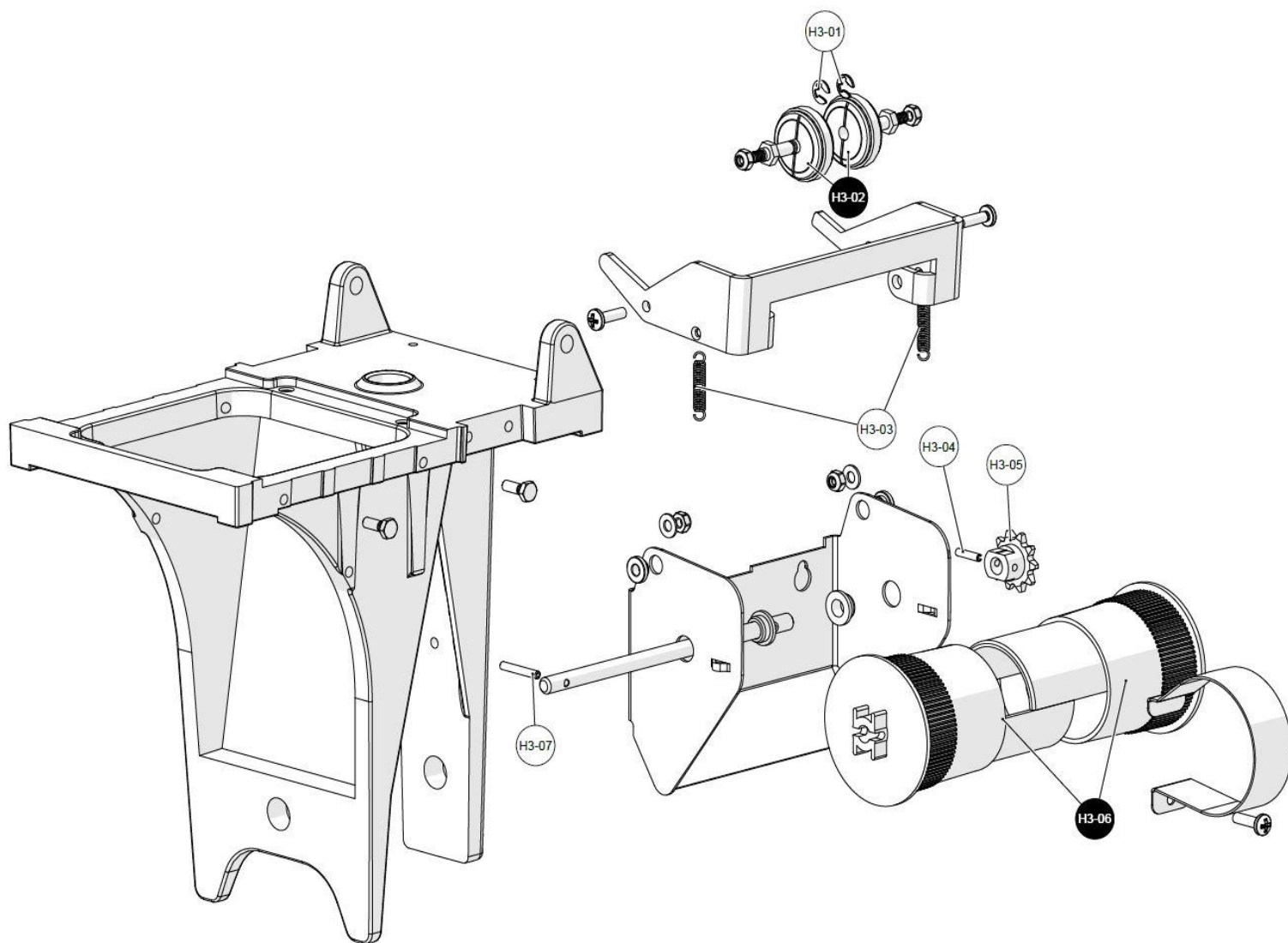
Article No.	BOM - ID	Description	RS, S, DT	QTY	List (\$) USD Each
6.000.231.143	H1-01	Brewer 250 ml	S	1	\$ 828.06
6.231.315.001	H1-02	Spring	S	1	\$ 6.11
6.231.484.000	H1-03	Brew chamber	S	1	\$ 16.69
6.231.358.000	H1-04	Filter	S	1	\$ 11.17
6.231.357.001	H1-05	Filter plate	S	1	\$ 11.26
6.331.261.001	H1-06	Cylinder	RS	1	\$ 39.76
6.001.060.005	H1-07	Split pin 2,5x20mm	S	1	\$ 5.53
6.331.185.001	H1-08	Cap buffer reservoir	S	1	\$ 17.41
6.331.184.001	H1-09	Buffer reservoir	S	1	\$ 15.44
6.231.485.002	See Drawing	Spring (right side)	RS	1	\$ 5.96
6.231.485.001	See Drawing	Spring (left side)	RS	1	\$ 5.96

BREWER PARTS 2



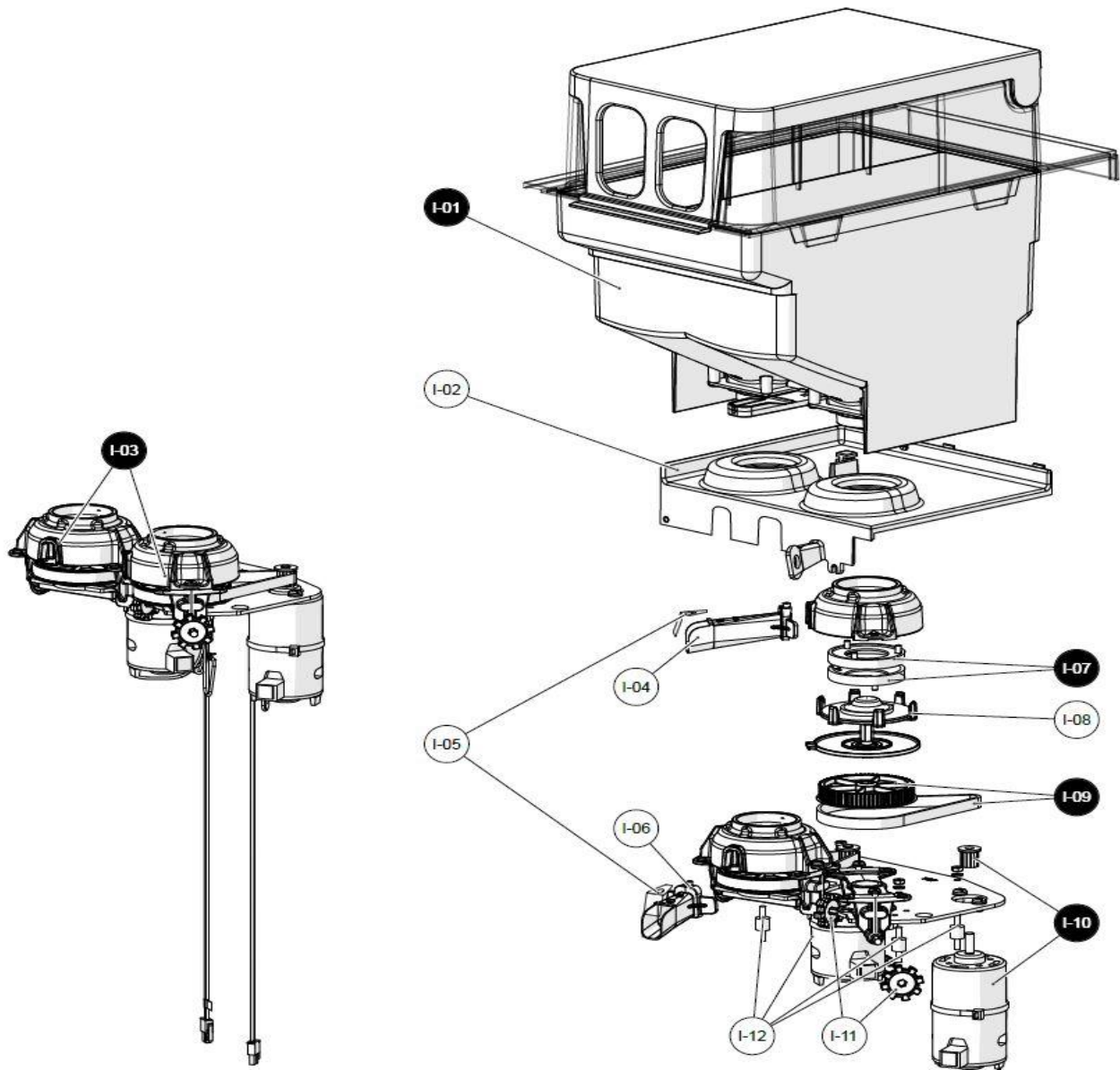
Article No.	BOM - ID	Description	RS, S, DT	QTY	List (\$)	USD Each
6.001.134.002	H2-01	Screw EJOT PT KB40x14	RS	4	\$	1.64
6.231.361.001	H2-02	Seal ø 84	RS	1	\$	95.30
6.231.360.001	H2-03	Rubber ring ø 82	RS	1	\$	12.63
6.001.061.003	H2-04	Spring pin D3 x 50	RS	1	\$	6.22
6.001.009.003	H2-05	Washer M5 (10 pcs)	S	3	\$	3.29
6.001.093.007	H2-06	Guide rail e-clip (4 mm)	S	2	\$	0.79
6.231.332.000	H2-07	Piston rod	RS	1	\$	9.31
6.001.061.010	H2-08	Spring pin D3x24	RS	1	\$	5.70
6.231.354.001	H2-09	Chain wheel (16 teeth)	S	1	\$	52.30
6.001.061.009	H2-10	Spring pin D3x20	RS	1	\$	5.64
6.231.341.000	H2-11	Chain	RS	1	\$	29.53
6.231.355.001	H2-12	Drive cam	S	1	\$	18.78
6.017.007.001	H2-13	Cam follower	RS	1	\$	34.67
6.231.334.001	H2-14	Pull rod	RS	1	\$	16.54
6.001.067.002	H2-15	Self-locking nut M5 S.S.	RS	1	\$	5.32
6.231.621.001	H2-16	Axle	RS	1	\$	10.90

BREWER PARTS 3



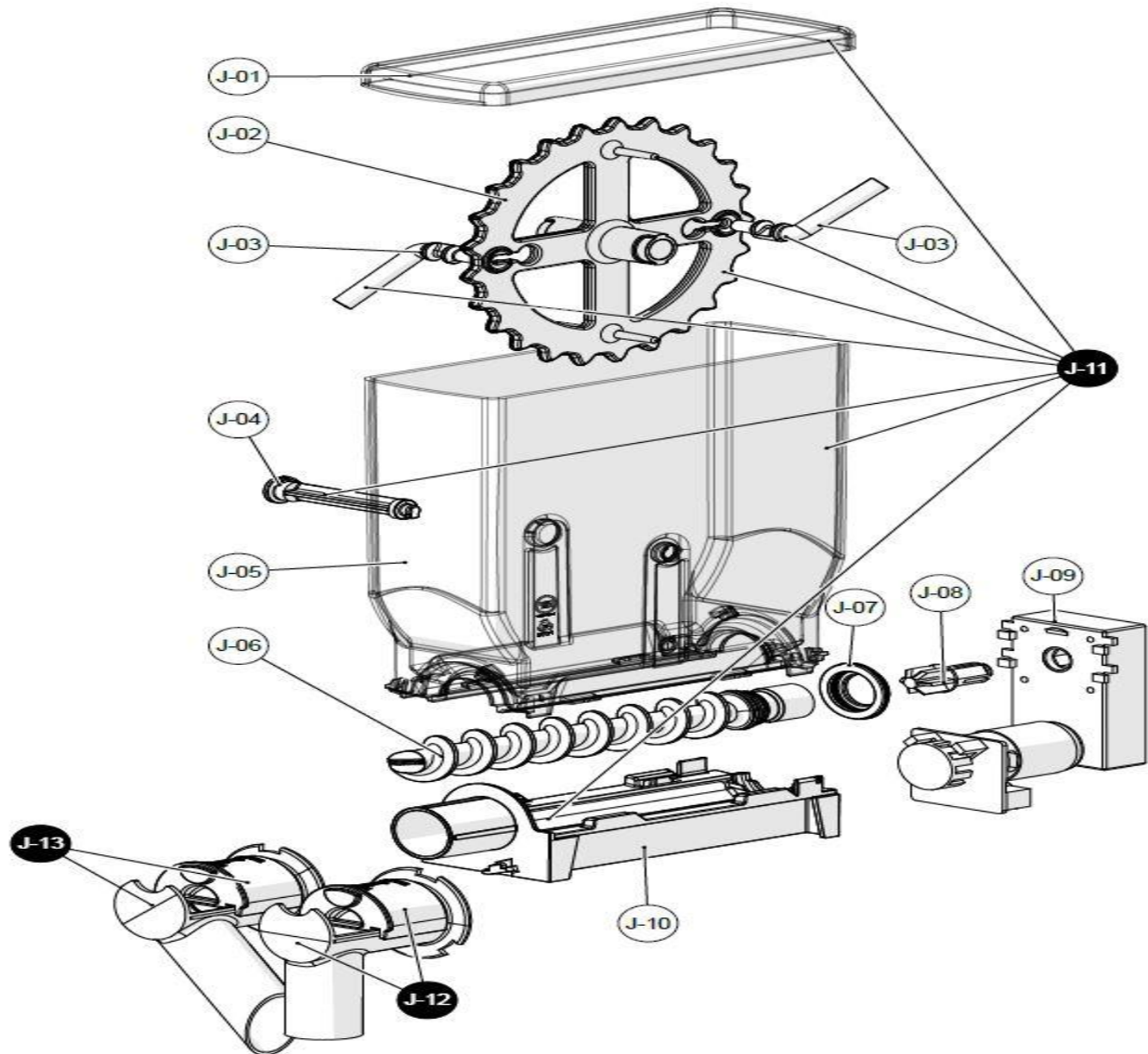
Article No.	BOM - ID	Description	RS, S, DT	QTY	List (\$) USD Each
6.001.093.007	H3-01	Guide rail e-clip (4 mm)	S	2	\$ 0.79
6.231.342.000	H3-02	Plastic wheel brewer	S	2	\$ 8.38
6.231.353.001	H3-03	Spring	RS	2	\$ 8.55
6.001.061.007	H3-04	Spring pin D2,5x12	RS	1	\$ 5.17
6.231.349.001	H3-05	Chain wheel (10 teeth)	S	1	\$ 7.26
6.231.345.000	H3-06	Tape drum	S	1	Please Call
6.001.101.011	H3-07	Adjustment screw	DT	1	\$ 5.78

GRINDER



Article No.	BOM - ID	Description	RS, S, DT	QTY	List (\$)	USD Each
6.000.231.132	I-01	Bean canister double	S	1	\$	157.96
6.331.225.001	I-02	Cap Grinder	DT	1	\$	36.03
6.000.231.131	I-03	Grinder double, complete 120 V	RS	1	\$	1,538.94
6.331.382.001	I-04	Grinder outlet long	S	1	\$	13.15
6.331.383.001	I-05	Flap outlet grinder	S	2	\$	7.68
6.331.381.001	I-06	Grinder outlet short	S	1	\$	12.65
6.030.079.105	I-07	Grinding discs ceramic	S	2	\$	380.59
6.030.079.110	I-08	Rotating burr carrier	DT	2	\$	217.84
6.030.079.108	I-09	V-string + drive shaft	S	2	\$	152.90
6.030.079.109	I-10	Motor + gear grinder (120V)	RS	2	\$	471.01
6.331.346.001	I-11	Adjustment wheel	DT	1	\$	8.16
6.001.152.008	I-12	Vibration damper Ø10x10 M4x10	S	5	\$	15.99

INGREDIENT HOLDER



Article No.	BOM - ID	Description	RS, S, DT	QTY	List (\$)	USD Each
6.229.273.001	J-01	Lid 65mm	S	3	\$	11.56
6.329.477.001	J-02	Drive shaft	S	3	\$	23.17
6.329.478.001	J-03	Wiper	S	6	\$	12.41
6.329.486.001	J-04	Axle	S	3	\$	8.30
6.329.476.001	J-05	Canister casing	S	3	\$	81.53
6.000.229.219	J-06	Worm	S	3	\$	22.60
6.329.479.001	J-07	Seal	S	3	\$	15.57
6.030.074.005	J-08	Drive shaft	S	3	\$	1.96
6.030.070.037	J-09	Canister motor	S	3	\$	133.25
6.329.474.001	J-10	Canister bottom	S	3	\$	26.63
6.000.229.183	J-11	Canister 65 mm NSF (assy)	S	3	\$	202.38
6.329.087.000	J-12	Outlet canister complete (center)	S	2	\$	12.18
6.329.088.000	J-13	Outlet canister complete (left)	S	1	\$	12.18

Start-Up Spare Parts Kit

Article No.	BOM - ID	Description	RS, S, DT	Installation Range		List (\$) USD Each
				1 -10 Units QTY	10+ Units QTY	
6.231.044.001	A-17	Service Key	S	2	4	4.78
6.014.004.052	A-22	Lock incl. key/spring	S	1	2	27.05
6.014.012.017	A-23	Key	S	2	4	4.50
6.004.003.043	B-04	Safety switch	RS	1	2	15.80
6.005.011.016	B-05	Fuse 4A (10 pcs)	S	1	2	44.61
6.016.008.076	B-07	High temperature safety switch	RS	2	4	17.87
6.265.146.000	B-08	Temperature sensor	RS	1	2	12.21
6.016.001.070	B-11 / C-04	Magnetic valve 21/min 24V	RS	1	2	6.28
6.004.003.203	B-23	Micro switch	S	1	2	6.24
6.329.499.001	D-01	Condense reservoir	S	1	2	21.45
6.229.805.001	D-02	Mixing chamber 6mm	S	1	2	15.15
6.229.809.001	D-03	Fastening ring	S	1	2	9.29
6.329.492.001	D-04	Whipper disk 6mm	S	3	3	8.59
6.229.806.001	D-05	Holder rubber seal	S	3	3	6.60
6.030.071.020	D-06	Rubber seal mixer	S	3	3	5.04
6.329.493.001	D-07	Holder rubber seal	S	3	3	9.72
6.229.810.001	D-08	Plate mixer motor	S	1	2	16.49
6.011.001.094	D-09	O-ring 13x2	RS	3	3	.85
6.229.580.001	D-11	Water inlet 6mm	S	1	2	5.02
6.229.891.001	E-03	Float	S	1	2	47.66
6.004.026.001	F-01	Light sensor	RS	1	2	17.05
6.000.231.022	F-03	Motor water selector (assy)	RS	1	2	32.45
6.231.315.001	H1-02	Spring	S	2	4	6.11
6.231.484.000	H1-03	Brew chamber	S	1	2	16.69
6.231.358.000	H1-04	Filter	S	1	2	11.17
6.231.357.001	H1-05	Filter plate	S	1	2	11.26
6.331.320.000	B-15	Power Board	RS	1	2	412.48
6.331.237.000	D-10	Mixer Motor incl. Print	RS	1	2	103.02

Suggested Minimum Total List Price: (1 – 10 Units) = \$966.31

Suggested Minimum Total List Price: (10+ Units) = \$1,888.18

