

## 500-EXCELLENT SERIES MI-MODELS



Disperator food waste disposers are installed in kitchens and galleys to remove food waste immediately from areas where it is produced.

When assembled with an MI mounting assembly, a Disperator 500 Excellent Series food waste disposer can be installed in a table or working top. Food waste is collected in the cone and ground in batches in the disposer when required.

The MI mounting assembly has two flushing nozzles mounted on the inside of the cone. These are connected to a solenoid valve and a line strainer. When the disposer is started, the

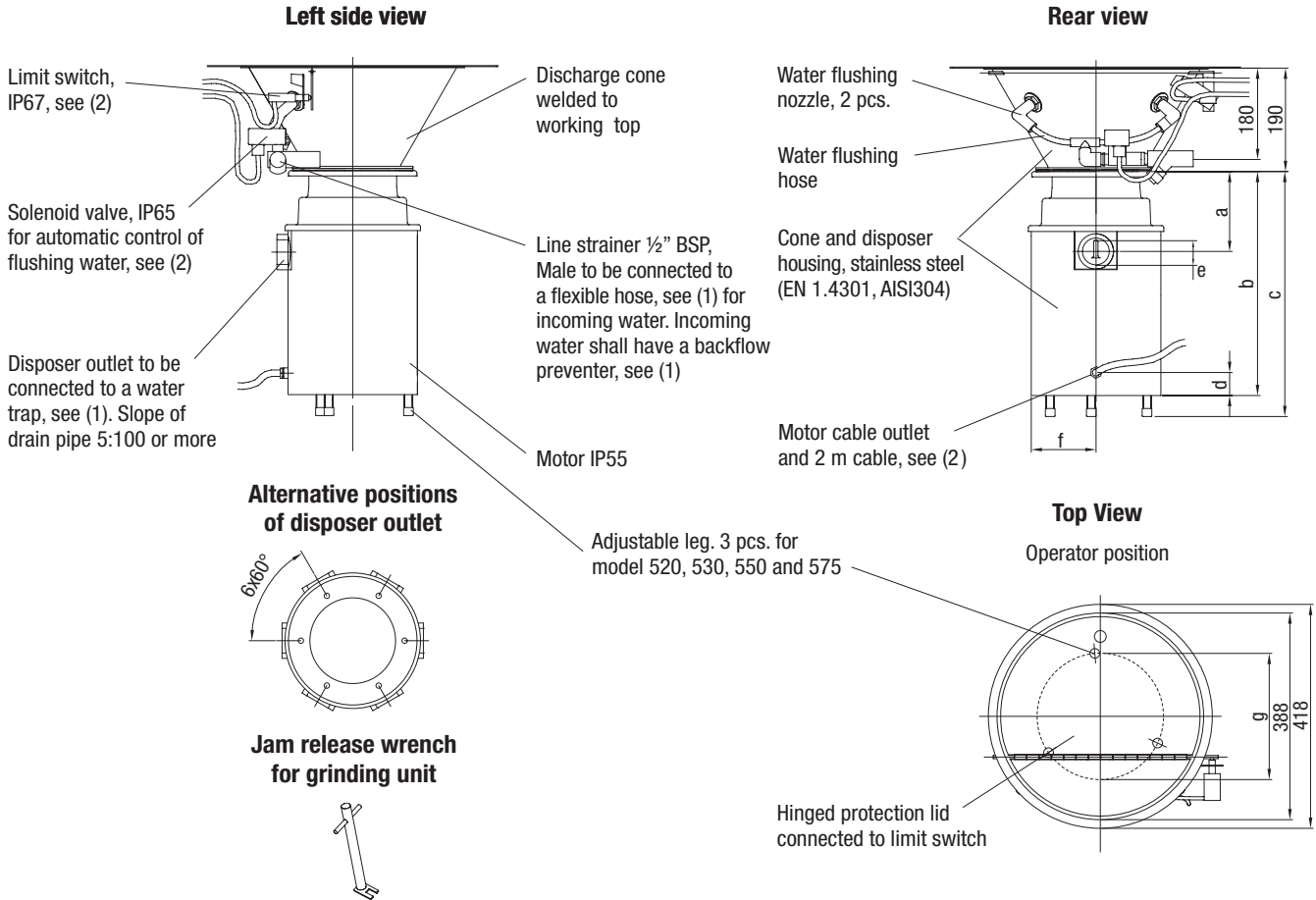
solenoid valve opens allowing water to flush food waste into the grinding unit and out to the wastewater system.

The lid of MI mounting assembly is fitted with a limit switch, which stops the disposer motor when the lid is lifted. This prevents access to the rotating grinding unit during operation.

The Disperator 500 Excellent Series has Det Norske Veritas (DNV) Approval for compliance with IMO MARPOL 73/78 ANNEX V for disposal of ground food waste into the open sea.

Further details are specified overleaf.

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All measurements in mm

Technical Specification	510-MI	515-MI	520-MI	530-MI	550-MI	575-MI
Normal capacity, kg/hr	300	400	500	700	850	1000
Electrical power, kW	0,75	1,1	1,5	2,2	4,0	5,5
Rated current, A for:						
230 V / 3 ph. / 50 Hz	3,7	4,6	5,9	9,0	14,4	19,7
400 V / 3 ph. / 50 Hz	2,1	2,6	3,4	5,2	9,0	11,5
440 V / 3 ph. / 60 Hz	2,1	2,4	3,5	5,2	7,5	11,6
Other 3 ph voltages available						
Control voltage	For marine installation the same as motor voltage. For land installation 230V / 50HZ					
Fuse rating, slow	10 A	10 A	10 A	16 A	16 A	25 A
Gross / net weight, kg	39 / 33	42 / 36	47 / 41	55 / 49	58 / 52	67 / 61
Measurement a	151	151	151	176	176	176
Measurement b	425	425	568	545, see (4)	545, see (4)	640
Measurement c	See (3)	See (3)	591-715	570-635 see (4)	570-635 see (4)	665-730
Measurement d	40	40	40	75	75	75
Measurement e	2 "	BSP,	Female	2 ½ "	BSP,	Female
Measurement f	127	127	127	155	155	155
Measurement g	See (3)	See (3)	204	236	236	236

- (1) Installation material needed but not incl. in standard delivery are electrical connection terminal / main switch, flexible hose ½", backflow preventer and water trap. Can be ordered from DISPERATOR.
- (2) For connection to start & stop controller (IP55, incl. overload protector) placed on wall / bulkhead. Controller to be connected to terminal / main switch, see (1).
- (3) As standard without legs. Legs available as option – and then with same measurements b), c) and g) as model 520.
- (4) Short version (b = 510 mm and c = 522–593 mm) and longer version (b = 640 mm and c = 665–730 mm) available as option.
- (5) Installation, operation and service instructions are together with this product leaflet included in delivery.

