

500-EXCELLENT SERIES ATV-MODELS



Disperator food waste disposers are installed in sinks for effective and immediate removal of food waste, which is a necessity in kitchens and galleys where food waste is produced. The mounting assembly with ATV-Model makes this possible.

The Disperator 500 Excellent Series ATV-Model is welded into a 90 mm drain hole in the bottom of the sink unit. The flange assembly give extra support and strength in sinks manufactured of thin gauge stainless steel. The flange also gives extra height to the disposer should floor support using disposer legs for Models 510 and 515 be necessary. A plate bolted to the disposer is threaded to the nipple on the flange.

The disposer is delivered complete with start & stop controler and motor protector, solenoid valve and line strainer.

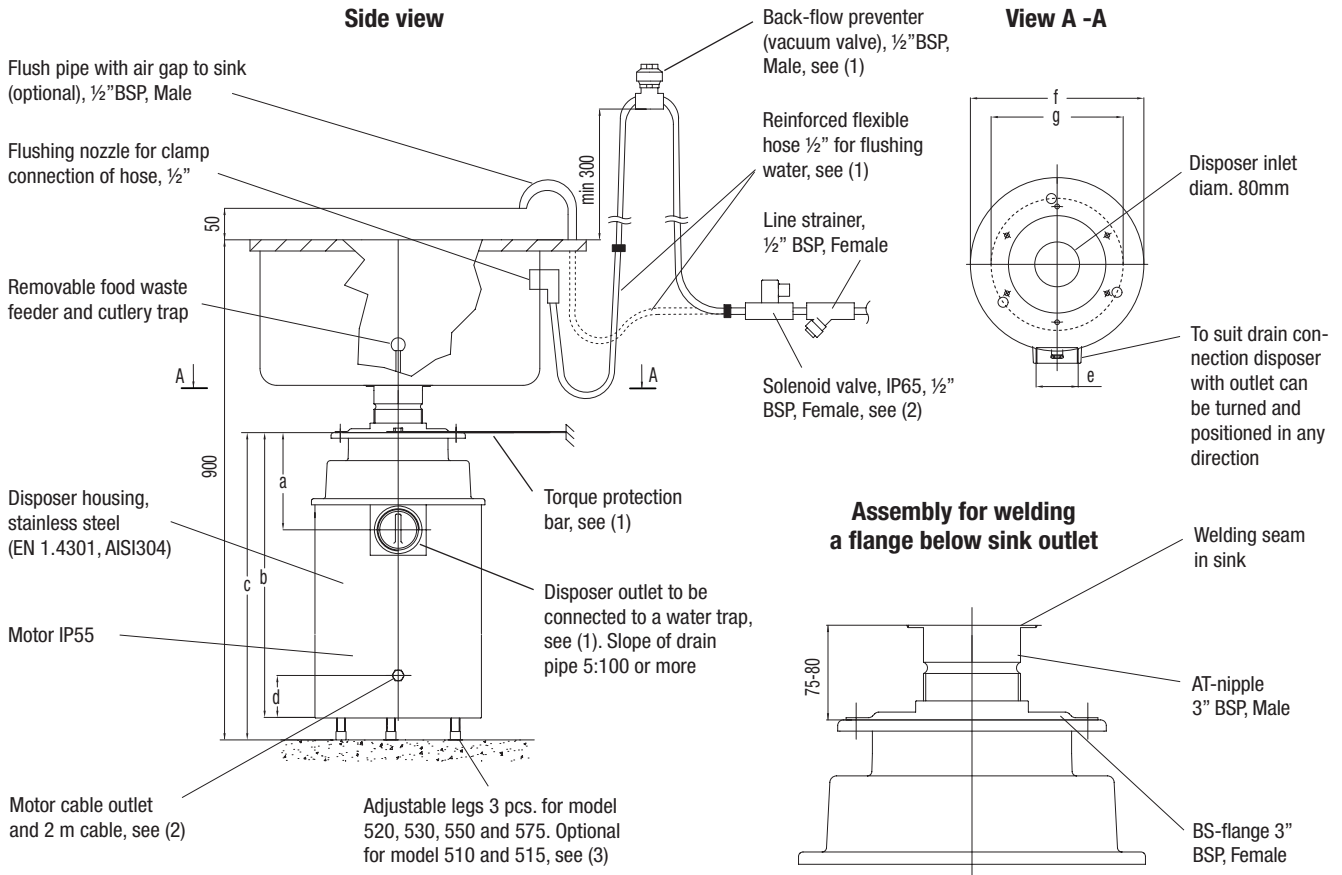
The assembly come complete with flushing nozzle and a removable combined cutlery trap and feeder. A flush pipe with air gap to sink, is available as optional.

The 500 Excellent Series BASIC models must be assembled with an ATF-, ATV-, BS-, HK-, MI- or DRR-K-assembly before CE-certification is given.

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-ATV	515-ATV	520-ATV	530-ATV	550-ATV	575-ATV
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	1-ph 220-240V, 50/60Hz also available for models 510 and 515					
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	30 / 27	33 / 30	38 / 35	46 / 43	49 / 46	58 / 55
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 1/2"	BSP,	Female
Measurement f	253	253	253	310	310	310
Measurement g (legs)	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 1/2", backflow preventer, water trap and torque protector. 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) 3-ph standard without legs. Legs available as option – and then with same measurements b), c) and g) as model 520. Models 510, 515 1-ph have 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.

