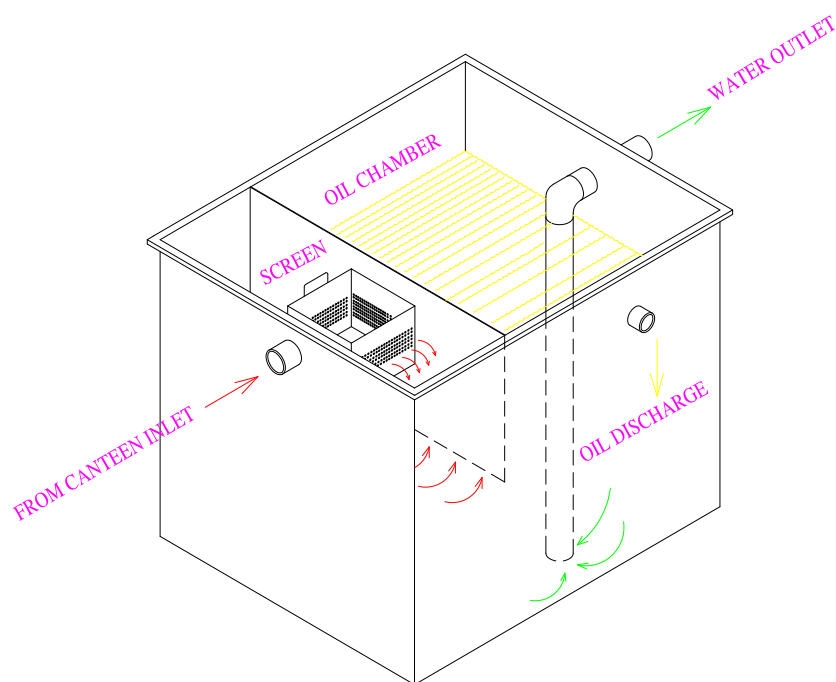


OIL TRAP

BTM 50L / 100L / 200L / 500L / 1M³ / 1.5M³ / 2M³ / 3M³

(SIMPLE TYPE)



1. OPERATION PRINCIPLE:

Waste water from Restaurants, Canteens, Kitchens of households discharge to drainage with a large amount of oil, fat. To protect environment and avoid the pollution, oil and fat need to separate before discharge direct to sewer. Oil Trap is designed for above mentioned application.

Install the Oil Trap on the way of discharge waste water pipe, waste water will go to the first chamber through the garbage screen box built in which will keep impurities, bones, garbages... Water goes through screen net and move to the second chamber, here retention time is enough for oil floating on surface of water level. It will separate oil and water, water will go down at the bottom of tank and go outside. This oil layer will be taken out by discharge valve.

2. DIMENSIONS:

No	Model	Shape	Dimensions	Made of
1	BTM 50L	Retangular type	400L x 400W x 300H	Inox 201
2	BTM 100L	Retangular type	650L x 450W x 400H	Inox 201
3	BTM 200L	Retangular type	800L x 500W x 500H	Inox 201
4	BTM 500L	Retangular type	1050L x 700W x 700H	Inox 201
5	BTM 1000L	Retangular type	1200L x 100W x 1000H	Inox 201
6	BTM 3000L	Round type	Φ1600 x 1600H	Inox 201

N.P.T Co., Ltd.

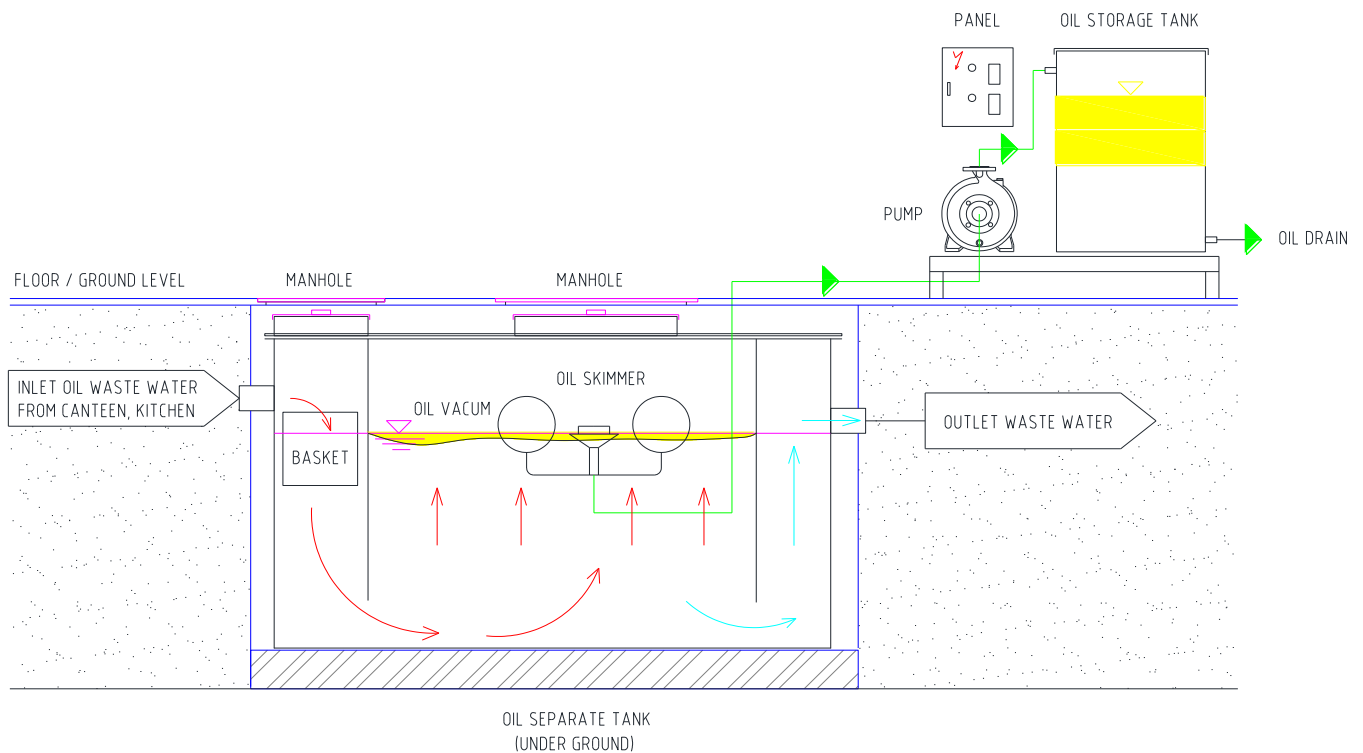
161/28/21 Binh Tri Dong Street, Binh Tan District, HCMC

Tel: + 08 54072938 Fax: + 08 62601256

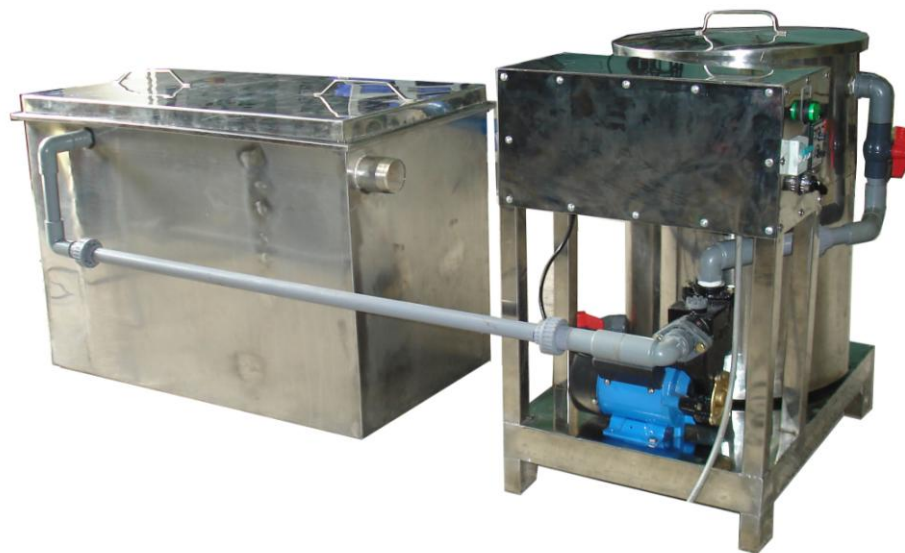
Email: sales@npt-group.com , engineering@npt-group.com

AUTOMATIC OIL TRAP

BTM 100L / 200L / 500L / 1M³/ 1.5M³/ 2M³/ 3M³/ 5M³/ 10M³



SCHEMATIC OF AUTOMATIC OIL TRAP



AUTOMATIC OIL TRAP

N.P.T Co., Ltd.

161/28/21 Binh Tri Dong Street, Binh Tan District, HCMC

Tel: + 08 54072938 Fax: + 08 62601256

Email: sales@npt-group.com , engineering@npt-group.com

TECHINICAL DIMENSIONS & SPECIFICATION OF AUTOMATIC OIL TRAP

TYPE	FLOW RATE (L / Hr)	DIMENSION OF OIL SEPARATE TANK			DIMENSION OF OIL STORAGE TANK		OCCUPIED AREA OF OIL STORAGE TANK + PUMP + PANEL	PUMP REQUIRED	
		Dmm	Rmm	Cmm	Dmm	Hmm		FLOWRATE (L/MIN)	
BTM 200L	200	1,450	700	725	450	500	D1000 x R700 x C600	30	125W
BTM 500L	500	1,700	825	850					
BTM 1M3	1,000	1,950	950	1,000					
BTM 2M3	2,000	2,400	1,000	2,300	550	650	D1100 x R850 x C700	45	200W
BTM 3M3	3,000	3,300	1,100	2,300					
BTM 4M3	4,000	3,800	1,300	2,300	600	650	D1200 x R900 x C700		
BTM 5M3	5,000	4,300	1,400	2,300					
BTM 8M3	8,000	5,400	1,800	2,300	700	725	D1600 x R900 x C1000	50	350W
BTM 10M3	10,000	6,100	2,000	2,300					
BTM 15M3	15,000	7,400	2,500	2,300	800	850	D1900 x R1000 x C1000	80	750W
BTM 20M3	20,000	8,600	2,900	2,300					

Remark:

1. Oil separate tank with model BTM 200L → BTM 1M3: Made of SS#304
2. Oil separate tank with model BTM 2M3 → BTM 4M3: Made of Composite (FRP)
3. Oil separate tank with model BTM 5M3 → BTM 20M3: Made of LIGHT Conrete (LC)

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