



Application

- Wastewater drainage in factories, construction sites and commercial facilities
- Drainage system in municipal sewage treatment plants
- Drainage station in residential quarters
- Municipal projects
- Methane pools and field irrigation in countryside

Pump

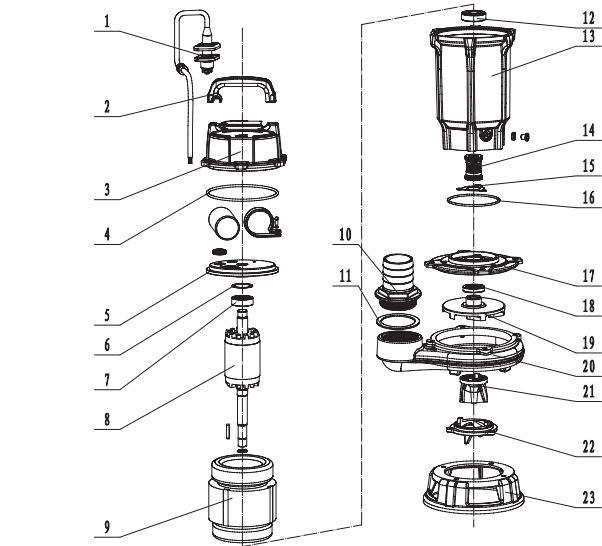
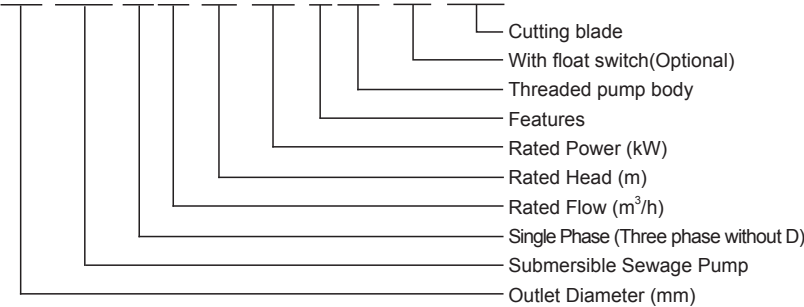
- Cable Length: Standard with 10m
- All electrophoresis casting parts
- High strength cutting system
- Flexible installations with hoses, pipes or quick-coupling
- Double-end mechanical seal
- Stainless Steel welded shaft
- Liquid density $\leq 1.2 \times 10^3 \text{ kg/m}^3$
- Liquid temperature: 0 - 40 °C
- Liquid PH value: 4 - 10
- Max. immersion Depth: 5 m

Motor

- Current available with :220V/50HZ; 380V/50HZ
- Running mode:S1
- Copper winding
- Insulation class: F
- Ingress protection: IPX8

Identification Codes

50 WQ D 8-16-1.1 T(M)(A)/QG

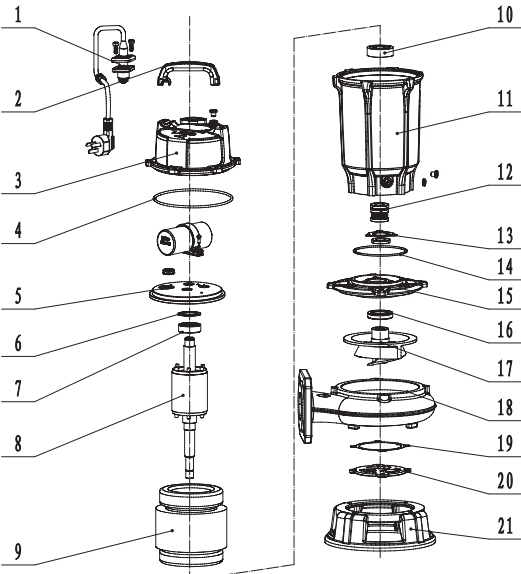


0.75 - 1.1kW
Thread connector

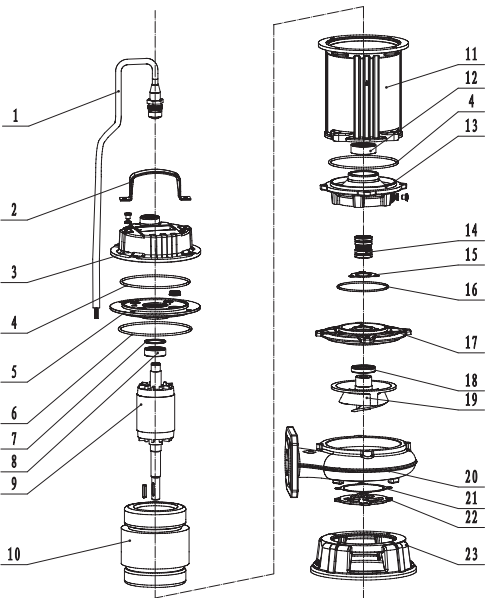
Materials Table

No.	Part	Material
1	Cable	
2	Handle	PP-GF10
3	Top Cover	HT200
4	O-Ring	NBR
5	End Cover	HT200
6	Wave Spring Washer	65Mn
7	Bearing	6203
8	Rotor	Shaft:SS304+45# Steel
9	Stator	
10	Bearing	6204
11	Motor Casing	HT200
12	Mechanical Seal	Q2Q2/B6AV2P1F1F1
13	Pressing plate	SS304
14	O-Ring	NBR
15	Cylinder Head	HT200
16	Oil Seal	NBR
17	Impeller	HT200
18	Pump Body	HT200
19	Paper gasket	Highland barley paper
20	Fixed cutter head	9Cr18
21	Base	HT200

No.	Part	Material
1	Cable	
2	Handle	SS304
3	Top Cover	HT200
4	O-Ring	NBR
5	End Cover	HT200
6	O-Ring	NBR
7	Wave Spring Washer	65Mn
8	Bearing	6203
9	Rotor	Shaft:SS304+45# Steel
10	Stator	
11	Motor Casing	HT200
12	Bearing	2.2kw:6305/1.5kw:6204
13	Oil chamber	HT200
14	Mechanical Seals	Q2Q2/B6AV2P1F1F1
15	Pressing	SS304
16	O_Sealing Ring	NBR
17	Cylinder Head	HT200
18	Oil Seal	NBR
19	Impeller	9Cr18
20	Pump Body	HT200
21	Paper gasket	Highland barley paper
22	Fixed cutter head	9Cr18
23	Base	HT200



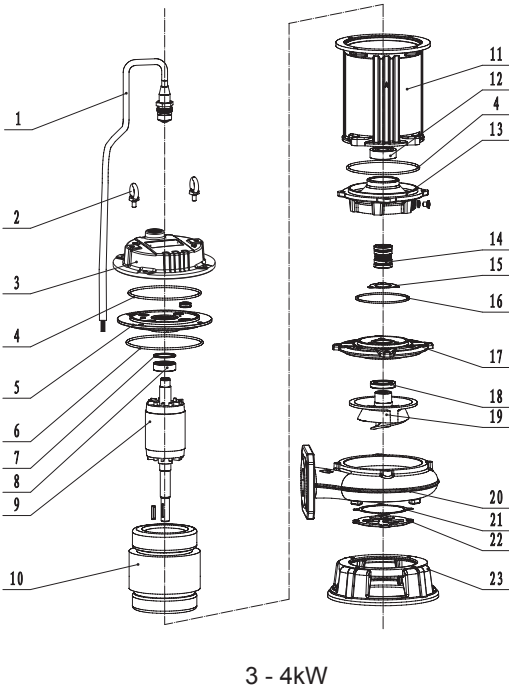
1.1kW
Flange connector



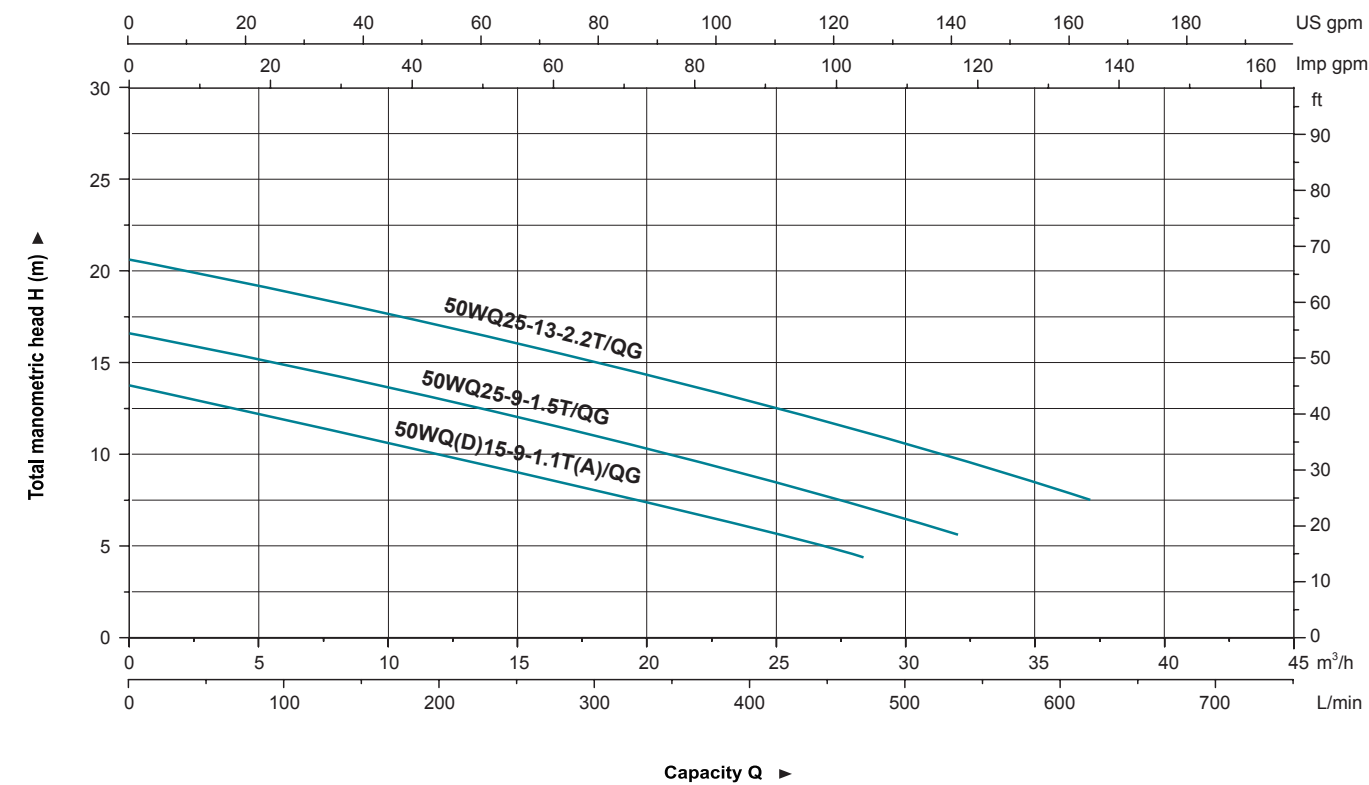
1.5 - 2.2kW

Materials Table

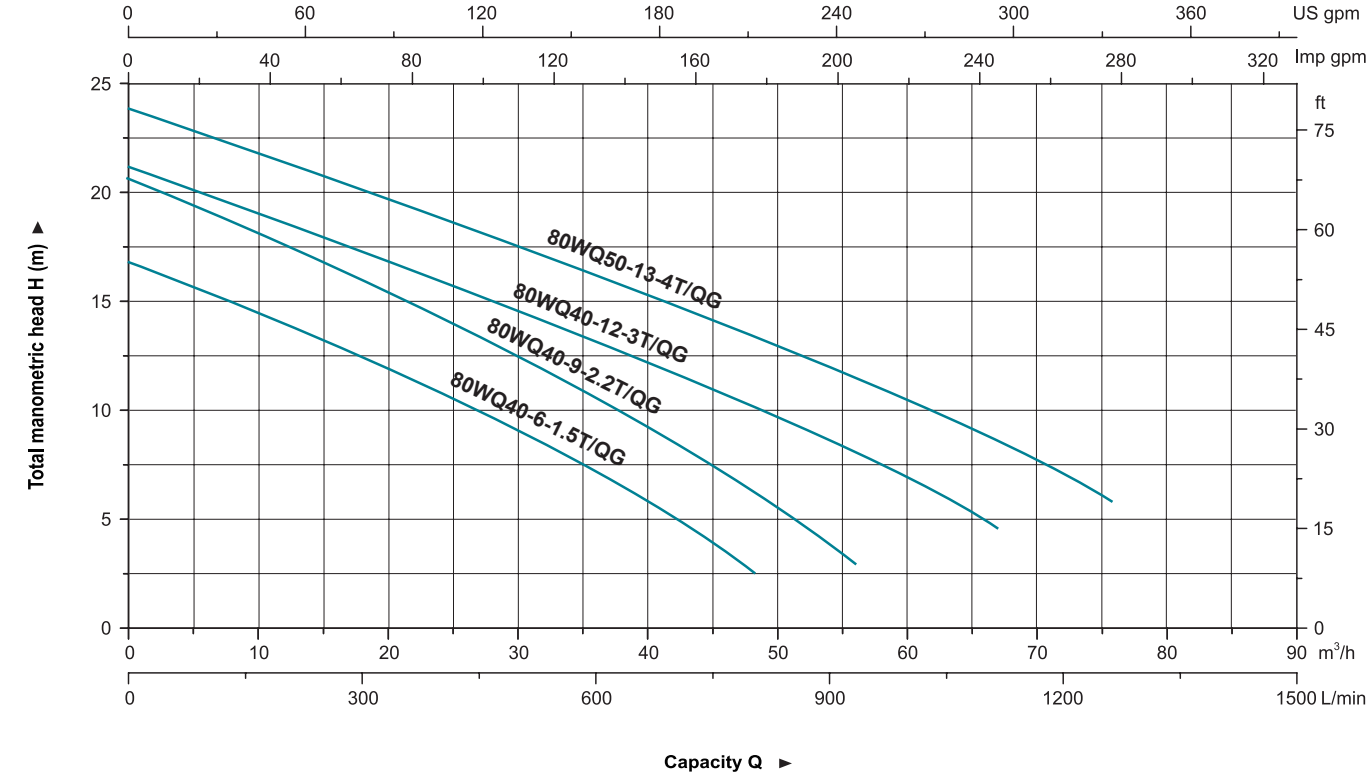
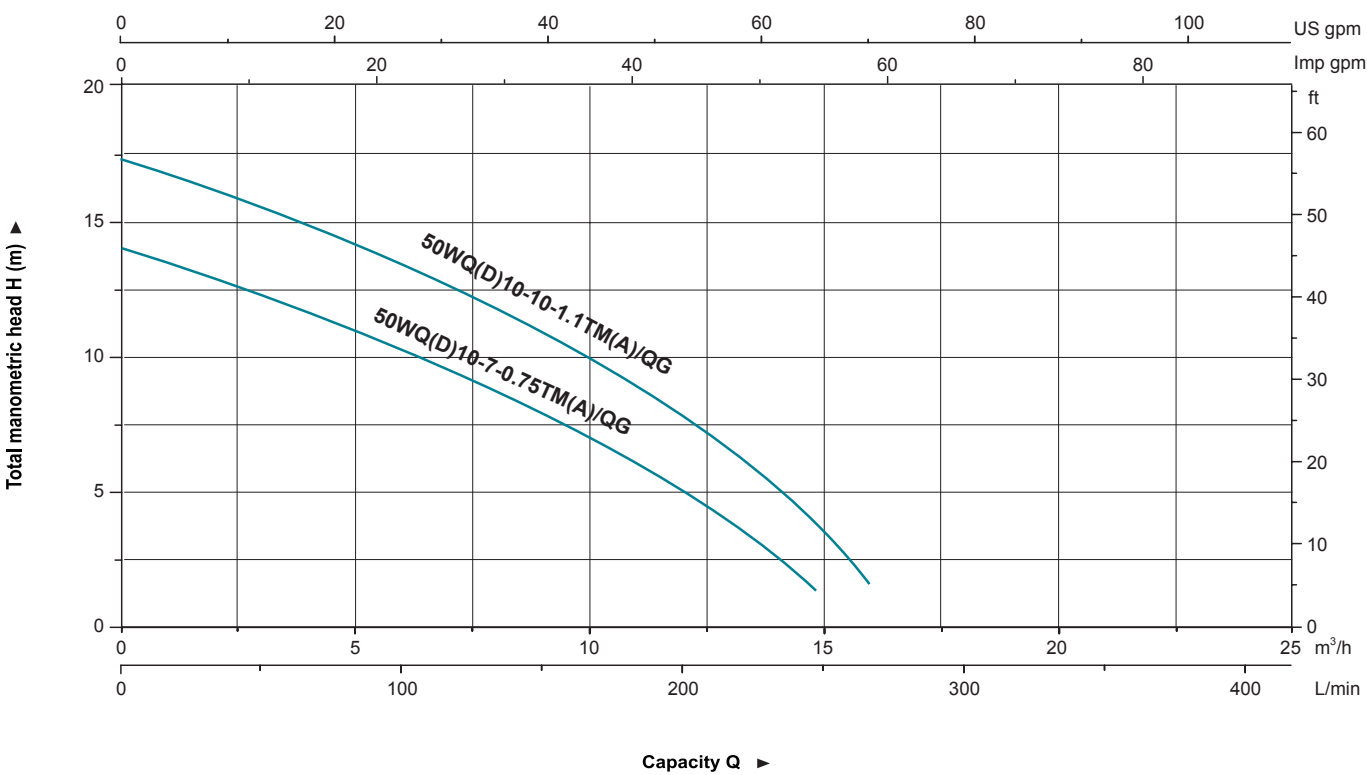
No.	Part	Material
1	Cable	
2	Handle	SS304
3	Top Cover	HT200
4	O-Ring	NBR
5	End Cover	HT200
6	O-Ring	NBR
7	Wave Spring Washer	65Mn
8	Bearing	6304
9	Rotor	Shaft:2Cr13
10	Stator	
11	Motor Casing	HT200
12	Bearing	6306
13	Oil chamber	HT200
14	Mechanical Seals	Q2Q2/B6AV2P1F1
15	Pressing	SS304
16	O_Sealing Ring	NBR
17	Cylinder Head	HT200
18	Oil Seal	
19	Impeller	9Cr18
20	Pump Body	HT200
21	Paper gasket	Highland barley paper
22	Fixed cutter head	9Cr18
23	Base	HT200



Hydraulic Performance Curves



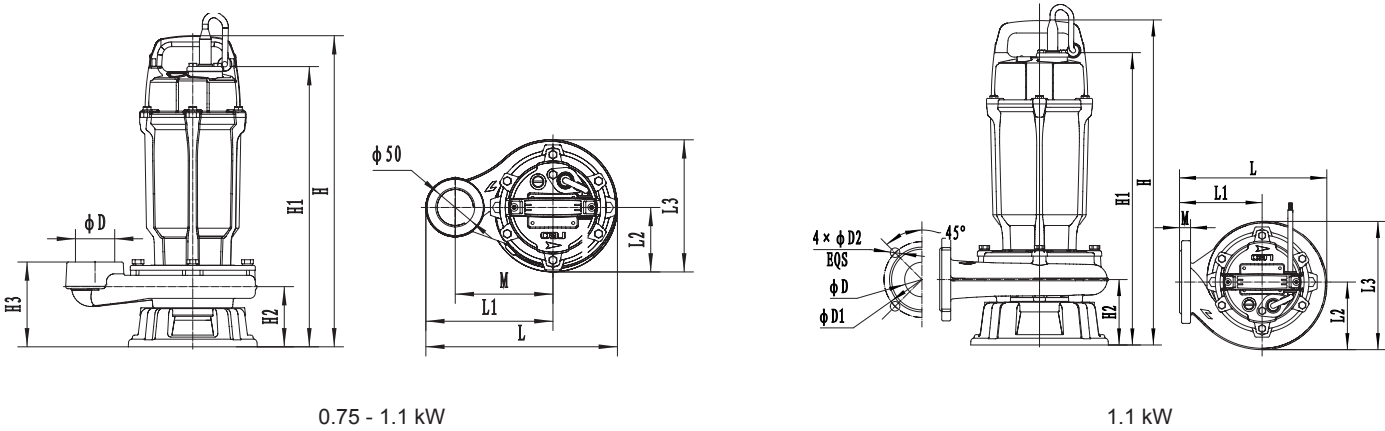
Hydraulic Performance Curves



Technical Data

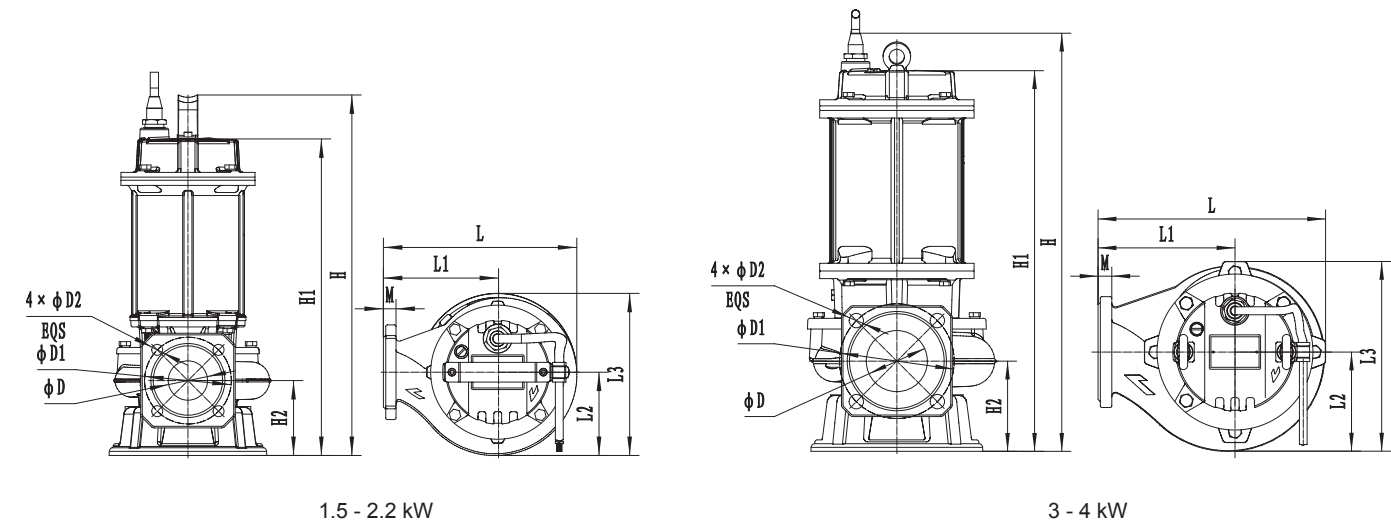
Model	Voltage	Speed	Max.Flow	Max.Head	Power		Outlet	Guide Rial Fitting	N.W	G.W	Packing Dimension	Quantity (PCS/20'TEU)
	V	r.p.m	m³/h	m	KW	HP	inch		kg	kg	mm	
50WQD10-7-0.75TM(A)/QG	220	2850	14	14	0.75	1	2"	/	16.1	19.5	494x269x214	1000
50WQ10-7-0.75TM/QG	380	2850	14	14	0.75	1	2"	/	15.4	18.8	494x269x214	1000
50WQD10-10-1.1TM(A)/QG	220	2850	16	17	1.1	1.5	2"	/	21.6	25.5	544x269x244	792
50WQ10-10-1.1TM/QG	380	2850	16	17	1.1	1.5	2"	/	20.2	24.1	544x269x244	792
50WQD15-9-1.1T(A)/QG	220	2850	28	14	1.1	1.5	2"	50-50	22.5	28.3	544x269x244	792
50WQ15-9-1.1T/QG	380	2850	28	14	1.1	1.5	2"	50-50	21.1	26.8	544x269x244	792
50WQ25-9-1.5T/QG	380	2850	32	16	1.5	2	2"	50-50	25	30.7	544x269x244	792
80WQ40-6-1.5T/QG	380	2850	48	17	1.5	2	3"	80-80	27.6	35.53	604x289x249	675
50WQ25-13-2.2T/QG	380	2850	37	20	2.2	3	2"	50-50	29.3	35.27	604x269x244	675
80WQ40-9-2.2T/QG	380	2850	56	21	2.2	3	3"	80-80	31.9	39.83	604x289x249	675
80WQ40-12-3T/QG	380	2850	68	21	3	4	3"	80-80	43.6	53.52	744x324x289	378
80WQ50-13-4T/QG	380	2850	76	25	4	5.5	3"	80-80	46.2	56.12	744x324x289	378

Dimension



Model	L	L1	L2	L3	M	H	H1	H2	D	D1	D2
50WQD10-7-0.75TM(A)/QG	245	163	82.5	169	125	397.5	358	76	50	/	/
50WQ10-7-0.75TM/QG	245	163	82.5	169	125	397.5	358	76	50	/	/
50WQD10-10-1.1TM(A)/QG	268	168	100	200	133	453.5	407.5	90	50	/	/
50WQ10-10-1.1TM/QG	268	168	100	200	133	453.5	407.5	90	50	/	/
50WQD15-9-1.1T(A)/QG	245.5	145	100.5	206	16	470.5	437.5	94.5	50	110	14
50WQ15-9-1.1T/QG	245.5	145	100.5	206	16	470.5	437.5	94.5	50	110	14

Dimension



Model	L	L1	L2	L3	M	H	H1	H2	D	D1	D2
50WQ25-9-1.5T/QG	245.5	145	106	206	16	457	399.5	94.5	50	110	14
80WQ40-6-1.5T/QG	272.5	160	117	229	18	472.5	415	110	80	150	19
50WQ25-13-2.2T/QG	245.5	145	106	206	16	493	437.5	94.5	50	110	14
80WQ40-9-2.2T/QG	272.5	160	117	229	18	509	453	110	80	150	19
80WQ40-12-3T/QG	298	179	130	248.5	18	544	498.5	118	80	150	19
80WQ50-13-4T/QG	298	179	130	248.5	18	544	498.5	118	80	150	19