

Pioneering for You

wilo

Building Service Residential

Selection Booklet



Wilo

Cutting-edge technology and strong customer loyalty.

Wilo is one of the world's leading manufacturers of pumps and pump systems for heating, cooling and air-conditioning technology as well as water supply and sewage disposal. Ever since our formation in 1872, we have concentrated on researching, developing and producing new technologies. Our aim to offer customers all over the world excellent-quality products, top efficiency and maximum service lives combined with simple installation and operation, has made us an internationally renowned innovative leader for high-tech pumps, boasting 15 production sites, over 60 subsidiaries and about 7,500 employees in 50 countries. Everyone working at Wilo aspires to provide the ultimate in service. Ever smaller, more efficient, quieter, more intelligent, more durable and simpler are the key factors when it comes to the development, production and operation of our pumps and systems. We offer an extensive range of products, covering everything from decentralised pump systems for single-family houses right up to large cooling water pumps for power stations. Aside from developing world-class technology, a lot of attention also needs to be paid to our customers so that we can assert and expand our leading position on the German and international markets. This is why we continuously strive to make our customers' lives significantly easier and more efficient through our products and all-in-one solutions. Our "Pioneering for You" claim underlines this.



Building Service Residential

at a glance:

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WP Mini

Self-priming mini monoset



Technical Data:

Flow: upto 63 LPM

Head: upto 45 mts

Power: upto 0.75 kW (1hp)

Voltage: 240 v

Application:

Water transfer in:

- Bungalows
- Farm houses
- Apartments
- Industry Use

Standard Features:

- Suitable for wide band of voltage i.e. 160 volts to 250 volts
- Life long permanent lubricated bearings
- Built in thermal over-load protection
- TEFC, capacitor start/capacitor run motor, insulation class B
- High suction lift upto 7.3 m (at 240 V, single phase)
- High quality aluminium extruded motor body
- Direction of rotation - anticlockwise, when viewed from drive end
- Low life cycle cost - low maintenance, low power consumption and easy motor rewinding

Selection Table

Pump Model	Motor Rating		Suction Size	Delivery Size		Head (m)							
	kW	H.P.	(mm)	(mm)		6	12	18	26	30	36	45	
WP MINI 025	0.19	0.25	19	19	Flow (LPM)	28	21	15					
WP MINI 050	0.37	0.50	25	25		34	23	15	5				
WP MINI 051	0.37	0.50	25	25		40	30	24	20	15			
WP MINI 100	0.75	1.00	25	25		63	55	46	40	34	28	20	
WP MINI 026	0.19	0.25	19	19	Flow (LPM)	28	21	15					
WP MINI 052	0.37	0.50	25	25		34	23	15	5				
WP MINI 053	0.37	0.50	25	25		40	30	24	20	15			
WP MINI 101	0.75	1.00	25	25		63	55	46	40	34	28	20	
WP MINI 102	0.75	1.00	25	25		41	33	28	16	13	6		

Supreme 05

Self-priming mini monoset


Technical Data:
Flow: upto 63 LPM

Head: upto 45 mts

Power: upto 0.75 kW (1hp)

Voltage: 240 v

Application:

Water transfer in:

- Bungalows
- Farm houses
- Apartments
- Industry Use
- Sprinklers
- Overhead Storage tanks
- Car washing
- Ornamental fountains

Standard Features:

- High performance TEFC, Capacitor start/Capacitor run motor
- High suction lift upto 7.5 m at 240V
- Single shaft for pump and motor to ensure permanent correct alignment
- Sealing arrangement - Mech. Seal (High Quality for long life)
- Direction of Rotation - CW, from driving end
- Safety Feature - Earthing provision, TOP
- Brass Impeller to avoid clogging & increase durability

Selection Table

Pump Model	Motor Rating		Suction Size	Delivery Size	Flow (LPM)	Head (m)					
	kW	H.P.	(mm)	(mm)		6	12	18	26	30	36
Supreme 05	0.37	0.50	25	25		38	31	24	15	11	5

WPO

WPO – Available in single phase


Technical Data:

Flow: 740 LPM
Head: 33 mts
Power: upto 3 HP
Voltage: 230 V

Application:

Water transfer in:

- Bungalows
- Farm houses
- Apartments

Standard Features:

- Suitable for submerged conditions
- Dynamically balanced rotating parts to ensure min. vibration, noise free operation & long bearing life
- Designed for wide Voltage fluctuations
- Rotors are painted with epoxy paint to protect from corrosion
- Carbon vs SS thrust bearing pads for low power consumption and long life
- Single phase pumps are supplied with starter box
- Highly durable water cooled rewind able motor
- High operating efficiency
- All internal parts are specially coated to prevent internal rusting

Selection Table

WPO-10 @ 2800 RPM

Pump Model	Motor Rating		Pipe Size (mm)		Total Head (m)															
	kW	HP	Suct.	Del.	6.0	9.0	10.5	12	13.5	15	18	19.5	21	24	25.5	27	28.5	30	33	
WPO05L	0.37	0.50	25	25	180	140	120	105	80	55										
WPO05H	0.37	0.50	25	25		125	115	105	95	85	60	40								
WPO010L	0.75	1.00	40	40	Discharge (LPM)	360	315	290	270	245	225	180	150	100						
WPO010H	0.75	1.00	32	25									150	140	115	100	90	75	60	
WPO015L	1.12	1.50	50	50			420	390	365	340	310	255	220	180	80					
WPO015H	1.12	1.50	40	40									200	180	150	135	118	100	80	
WPO020L	1.50	2.00	50	50			450	430	410	390	370	315	285	250	160	100				
WPO020H	1.50	2.00	40	40							290	270	260	250	225	210	190	170	150	80
WPO030L	2.24	3.00	65	50			740	700	660	630	590	500	450	400	210					

MPMS

Non Self priming centrifugal monobloc



Technical Data:
Flow: 850 LPM
Head: upto 30 mts
Power: upto 2 HP
Voltage: 230 V

Application:
 Water transfer in:
 → Bungalows
 → Farm houses
 → Apartments

Standard Features:

- Dynamically balanced rotating parts to ensure min. vibration, noise free operation
- Designed for wide Voltage fluctuations
- Sealed bearing for continues and long life operation
- Supplied with mechanical seal
- High operating efficiency

Selection Table

Pump Model	kW	H.P.	Pipe Size (mm)		Head (m)																
			Suct.	Del.	6	8	9	12	14	15	16	18	19	21	24	25	27	28	30		
			Discharge (LPM)																		
MPMS 05	0.37	0.50	25	25	120	110	105	92	83	75	70	52	44	20							
MPMS 05M	0.37	0.50	25	25																	
MPMS 05L	0.37	0.50	40	40	150	135	125	85	45												
MPMS 075	0.55	0.75	25	25																	
MPMS 10HH	0.75	1.00	32	25																	
MPMS 10	0.75	1.00	32	25																	
MPMS 10M	0.75	1.00	40	32																	
MPMS 10L	0.75	1.00	50	50	290	270	260	220	175	150											
MPMS 15	1.10	1.50	40	40																	
MPMS 15L	1.10	1.50	50	50																	
MPMS 20HH	1.50	2.00	50	40																	
MPMS 20	1.50	2.00	50	40																	
MPMS 20M	1.50	2.00	65	50																	
MPMS 20L	1.50	2.00	80	65	850	800	750	600													

MPO

Openwell submersible

**Technical Data:****Flow:** 1460 LPM**Head:** upto 62 mts**Power:** upto 10 hp**Voltage:** available in 3 phase**Application:**

Water transfer in:

- Bungalows
- Farm houses
- Apartments
- Agriculture

Standard Features:

- No need of foundation and foot wall as installed under water
- SS shaft for long and trouble free life
- Energy efficient motor design
- Motor designed to operate in wide voltage range
- Motor filled with anti corrosive liquid to increase life of internal parts
- Strong carbon v/s stainless steel thrust bearing for longer life

**“ We take care for your
everyday water needs.”**



MPM

Non Self priming centrifugal monobloc



Technical Data:
Flow: upto 2300 LPM
Head: upto 78 mts
Power: upto 30 HP
Voltage: 230 V (Single phase)
 415 V (3 phase)

Application:
 Water transfer in:
 → Bungalows
 → Farm houses
 → Apartments

Material of construction:
Pump: Cast Iron
Impeller: Cast Iron / Bronze
Sealing arrangement: Gland pack/Mech. seal

Standard Features:

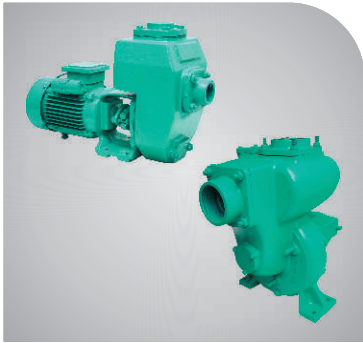
- Dynamically balanced rotating parts to ensure min. vibration, noise free operation & long bearing life
- Designed for wide Voltage fluctuations

Selection Table

Pump Model	kW	H.P.	Pipe Size (mm)		Head (m)																									
			Suct.	Del.	6	10	12	15	17	19	21	24	27	30	32	33	35	38	42	48	50	53	56	59	62	65	68	71	74	78
MPM 011	0.75	1.0	50	50	290	250	210	130																						
MPM 012	0.75	1.0	32	25				160	145	125	100	60	20																	
MPM 013	0.75	1.0	32	25				135	125	115	105	80	50	10																
MPM 014	0.75	1.0	40	32				150	135	120	100	50																		
MPM 0155	1.10	1.5	40	40				260	240	225	210	160	100																	
MPM 0156	1.10	1.5	50	50			500	450	320																					
MPM 021	1.50	2.0	50	40				200	190	180	165	140	110	60																
MPM 022	1.50	2.0	50	40				290	275	260	235	170																		
MPM 023	1.50	2.0	65	50			575	510	410	300																				
MPM 023L	1.50	2.0	80	65			850	700	575																					
MPM 034	2.20	3.0	50	40								245	230	205	190	190	150	100												
MPM 035	2.20	3.0	50	40								370	340	300	250															
MPM 036	2.20	3.0	65	50			685	585	520	435	300																			
MPM 036H	2.20	3.0	65	50								525	460	350																
MPM 037	2.20	3.0	80	65			850	760	600	400																				
MPM 058	3.70	5.0	50	40								475	460	430	410	410	380	340	250											
MPM 059	3.70	5.0	65	50									450	425	425	375	275													
MPM 0510	3.70	5.0	65	50								680	650	600	525	420	300	300												
MPM 0511	3.70	5.0	75	65			1100	1050	980	860	790	490																		
MPM 0713	5.50	7.5	50	40																										
MPM 0714	5.50	7.5	65	50																										
MPM 0715	5.50	7.5	80	65																										
MPM 0716	5.50	7.5	100	75																										
MPM 1017	7.50	10.0	50	40																										
MPM 1018	7.50	10.0	65	50																										
MPM 1019	7.50	10.0	80	65																										
MPM 1020	7.50	10.0	100	75																										
MPM 1020L	7.50	10.0	100	75																										
MPM 1221	9.30	12.5	65	50																										
MPM 1222	9.30	12.5	80	65																										
MPM 1223	9.30	12.5	100	75																										
MPM 1223L	9.30	12.5	100	75																										
MPM 1524	11.00	15.0	65	50																										
MPM 1525	11.00	15.0	65	50																										
MPM 1526	11.00	15.0	80	65																										
MPM 1527	11.00	15.0	100	75																										
MPM 1527L	11.00	15.0	100	75																										
MPM 2028	15.00	20.0	65	50																										
MPM 2029	15.00	20.0	80	65																										
MPM 2030	15.00	20.0	100	75																										
MPM 2531	18.60	25.0	100	75																										
MPM 3032	22.00	30.0	100	75																										
MPM 4033	30.00	40.0	125	100																										

MNC

Self priming non clog pump (available with motor or engine on request)



Technical Data:
Flow: upto 4446LPM
Head: upto 34 mts
Power: upto 26 HP

Application:
 → De-watering from trenches and pits
 → Mud transfer

Material of construction:
Pump: Cast Iron
Impeller: Cast Iron /Bronze
Sealing arrangement:Gland pack/Mech. seal

Standard Features:

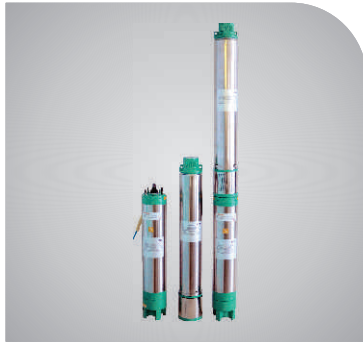
- Self priming and back pull out design for easy maintenance
- Non clog and semi open impeller enables to handle solids up to 40 mm
- Non asbestos PTFE gland packing along with stuffing box arrangement
- Motors are with high operating efficiency and suitable for wide voltage fluctuations
- Replaceable wearing parts and rewind able motor.
- Stator and rotors are coated with rust proof solution for better corrosion resistance.

Selection Table

Pump Model	Power Rating		Rated Speed (RPM)	Pipe Size (mm)		Total Head (m)																Solid Size (mm)	Imp. Ø dia. (mm)	Dir. of Rotation												
	kW	HP		Suct.	Del.	6	8	10	12	14	15	16	18	19	20	22	24	25	26	28	30				32	34										
Monobloc Pumpsets																																				
MNC011M	0.75	1.00	2900	40	40	330	300	266	228	162	138	86	Discharge (LPM)																7.00	116.00	ACW					
MNC022M	1.50	2.00	2900	40	40							408	372	318	295	268	200	160	120							8.50	134.00	ACW								
MNC033M	2.20	3.00	2900	50	50							564	540	516	474	444	378	342	306	216	126	60							10.50	144.30	ACW					
MNC055M	3.70	5.00	1450	80	80							1110	1032	935	827	758	684	523	399	276							15.50	224.00	CW							
MNC056M	3.70	5.00	2900	80	80													532	502	456	428	409	342	295	209	133	7.00	174.00	ACW							
MNC077M	5.50	7.50	2900	80	80																			846	831	817	798	770	678	570	439	291	14.50	174.00	ACW	
Motor Coupled																																				
MNC011	0.75	1.00	2850	40	40	288	264	240	180	132	78																	7.00	116.00	ACW						
MNC022	1.50	2.00	2850	40	40							366	330	282	258	216	174	132	90							8.50	134.00	ACW								
MNC033	2.20	3.00	2850	50	50							558	534	492	462	438	378	342	306	222	132	72							10.50	144.30	ACW					
MNC055	3.70	5.00	1420	80	80	1182	1110	1032	936	810	720	576	342	210																	15.50	224.00	CW			
MNC056	3.70	5.00	2900	80	80													532	502	456	428	409	342	295	209	133	7.00	174.00	ACW							
MNC077	5.50	7.50	2900	80	80																			846	831	817	798	770	678	570	439	291	14.50	174.00	ACW	
MNC1010	7.50	10.00	1450	100	100							1900	1786	1653	1558	1482	1330	1254	1159	912	646	475							18.50	292.00	CW					
MNC1212	9.30	12.50	1450	100	100							2280	2138	1976	1900	1824	1682	1590	1464	1300	1060	923	764	325							23.00	292.00	CW			
MNC2020	15.00	20.00	1450	150	150							3753	3515	3306	3183	3050	2774	2588	2405	1900	1330							34.00	296.00	ACW						
MNC2525	18.70	25.00	1450	150	150							4218	4093	3870	3756	3637	3323	3146	2947	2470	1921	1520	1123							40.00	296.00	ACW				
Engine Coupled																																				
MNC055	4.50	6.00	1500	80	80							1044	912	858	732	516	372																	15.50	224.00	CW
MNC055	9.00	12.00	1800	80	80													1242	1218	1146	1104	1050	924	756	660	552	312	15.50	224.00	CW						
MNC1010	9.00	12.00	1500	100	100							1998	1866	1794	1716	1542	1440	1350	1158	918	762	588							15.50	224.00	CW					
MNC1212	10.50	14.00	1500	100	100							2310	2184	2124	2010	1890	1818	1740	1506	1236	1062	918	546							18.50	292.00	CW				
MNC2020	16.50	22.00	1500	150	150							3900	3780	3600	3534	3396	3078	2970	2772	2358	1878	1596	1248							23.00	292.00	CW				
MNC2525	19.50	26.00	1500	150	150							4446	4284	4128	4062	3912	3624	3588	3300	2934	2424	2196	1830							34.00	296.00	ACW				
40.00 296.00 ACW																																				

NOTE: Performance applicable to liquid of specific gravity 1 & Viscosity as of water.

WBW 4 inch Borehole submersible multistage pump



Technical Data:
Flow: 180 LPM
Head: 1207 ft
Power: upto 5 HP

Application

- Domestic household water supply
- Water supply to high rise building, housing complex, villas, farm houses, gardens and nurseries
- Washing – garages, poultry farms, cattle farms, and stud farms
- Fountains

Standard Fetures:

- Discharge upto to 150 LPM
- Head upto 348 mts (1142 ft)
- Pumps from 0.37 kW (0.5 HP) upto 3.7 kW (5 HP)
- Wide voltage range available in single phase and three phase
- High grade engineered polymer – glass filled virgin Noryl
- High quality Winding Wires to ensure reliability & capability to withstand wide voltage fluctuation
- Adequate Bearing supports are provided at top, bottom and middle for better stability
- Casings are provided with wear ring (SS) for Longer life and ease in maintenance
- Top & Suction Bush are protected by proper Sand Guard arrangement
- Non return valve designed for minimum friction loss
- Water lubricated and fully rewindable motor with 2.75 m
3 core PVC flat cable along with earthing provision
- Resistant to corrosion and abrasion

Selection Table

Selection Chart – 4" (100mm) WILO Borehole Submersible Pump Sets → B Series, 1 Phase / 3 Phase @ 2800 RPM

Pump Set – Description	No. of Stage	Motor Rating		Rated Current		Discharge Dia. (mm)	Discharge (LPM)					
		HP	kW	1 Ph	3 Ph		0	10	20	30	40	50
WBW4B-05/07	7	0.50	0.37	5.3	-	32	53	49	43	37	30	19
WBW4B-08/09	9	0.75	0.55	6.2	2.75	32	66	60	53	44	34	21
WBW4B-08/10	10	0.75	0.55	6.2	2.75	32	73	67	59	49	38	23
WBW4B-10/12	12	1.00	0.75	7.5	3.25	32	86	77	69	59	43	25
WBW4B-10/13	13	1.00	0.75	7.5	3.25	32	93	84	75	63	47	28
WBW4B-10/14	14	1.00	0.75	7.5	3.25	32	101	90	81	68	51	30
WBW4B-10/16	16	1.00	0.75	7.5	3.25	32	115	103	92	78	58	34
WBW4B-15/18	18	1.50	1.10	10.5	4.00	32	131	119	106	90	68	40
WBW4B-15/20	20	1.50	1.10	10.5	4.00	32	145	132	118	100	76	44
WBW4B-20/25	25	2.00	1.50	13.8	4.80	32	189	165	141	124	98	60
WBW4B-30/36	36	3.00	2.20	19.8	6.90	32	264	238	209	176	126	72
WBW4B-30/38	38	3.00	2.20	19.8	6.90	32	278	251	220	185	133	76
WBW4B-30/40	40	3.00	2.20	19.8	6.90	32	293	264	232	195	140	80

Note: The above performance is based on mean supply voltage of 220 V / 415 V at 50 Hz and subject to change due to continuous R&D.

Selection Chart - 4" (100mm) WILO Borehole Submersible Pump Sets → C Series, 1 Phase / 3 Phase @ 2800 RPM

Pump Set - Description	No. of Stage	Motor Rating		Rated Current		Discharge Dia. (mm)	Discharge (LPM)					
		HP	kW	1 Ph	3 Ph		0	25	25	35	45	55
WBW4C-10/10	10	1.0	0.75	7.5	3.25	32	78	68	62	50	38	23
WBW4C-10/12	12	1.0	0.75	7.5	3.25	32	93	81	74	60	45	28
WBW4C-15/15	15	1.5	1.10	10.5	4.00	32	116	108	95	78	55	32
WBW4C-15/16	16	1.5	1.10	10.5	4.00	32	124	115	102	83	58	34
WBW4C-20/18	18	2.0	1.50	13.8	4.80	32	142	129	114	95	67	38
WBW4C-20/20	20	2.0	1.50	13.8	4.80	32	158	143	127	105	74	42
WBW4C-20/22	22	2.0	1.50	13.8	4.80	32	174	157	140	116	81	46
WBW4C-30/25	25	3.0	2.20	19.8	6.90	32	191	171	146	121	86	53
WBW4C-30/28	28	3.0	2.20	19.8	6.90	32	214	192	164	136	96	59
WBW4C-30/31	31	3.0	2.20	19.8	6.90	32	237	212	181	150	106	65
WBW4C-30/35	35	3.0	2.20	19.8	6.90	32	268	240	205	170	120	74
WBW4C-40/45	45	4.0	3.00	24.3	9.00	32	332	288	250	212	148	95
WBW4C-50/50	50	5.0	3.70	28.0	10.60	32	348	315	275	234	164	105

Selection Chart - 4" (100mm) WILO Borehole Submersible Pump Sets → D Series, 1 Phase / 3 Phase @ 2800 RPM

Pump Set - Description	No. of Stage	Motor Rating		Rated Current		Discharge Dia. (mm)	Discharge (LPM)						
		HP	kW	1 Ph	3 Ph		0	20	35	50	70	80	
													Total Head (m)
WBW4D-08/05	5	0.75	0.55	6.2	2.75	32	41	40	38	33	27	25	17
WBW4D-08/06	6	0.75	0.55	6.2	2.75	32	49	47	45	40	33	28	20
WBW4D-10/08	8	1.00	0.75	7.5	3.25	32	65	60	55	52	43	35	25
WBW4D-15/10	10	1.50	1.10	10.5	4.00	32	82	75	68	62	54	42	32
WBW4D-15/11	11	1.50	1.10	10.5	4.00	32	90	83	75	68	59	46	35
WBW4D-20/13	13	2.00	1.50	13.8	4.80	32	106	102	97	85	71	61	46
WBW4D-20/15	15	2.00	1.50	13.8	4.80	32	122	118	111	98	82	71	53
WBW4D-30/19	19	3.00	2.20	19.8	6.90	32	155	140	130	112	94	80	59
WBW4D-30/21	21	3.00	2.20	19.8	6.90	32	171	155	144	124	104	89	65
WBW4D-30/24	24	3.00	2.20	19.8	6.90	32	196	177	164	142	119	102	74
WBW4D-40/28	28	4.00	3.00	24.3	9.00	32	224	205	191	165	140	118	87
WBW4D-50/31	31	5.00	3.70	28.0	10.60	32	245	220	206	180	155	130	93
WBW4D-50/33	33	5.00	3.70	28.0	10.60	32	261	234	219	191	165	139	99
WBW4D-50/35	35	5.00	3.70	28.0	10.60	32	277	249	232	203	175	147	105
WBW4D-50/36	36	5.00	3.70	28.0	10.60	32	284	256	239	209	180	151	108
WBW4D-50/38	38	5.00	3.70	28.0	10.60	32	300	270	252	220	190	160	114

Selection Chart - 4" (100mm) WILO Borehole Submersible Pump Sets → E Series, 1 Phase / 3 Phase @ 2800 RPM

Pump Set - Description	No. of Stage	Motor Rating		Rated Current		Discharge Dia. (mm)	Discharge (LPM)						
		HP	kW	1 Ph	3 Ph		0	35	50	70	90	110	130
WBW4E-10/05	5	1.0	0.75	7.5	3.25	40	39	37	35	33	26	19	13
WBW4E-15/07	7	1.5	1.10	10.5	4.00	40	55	51	48	46	36	27	17
WBW4E-15/08	8	1.5	1.10	10.5	4.00	40	63	58	55	52	41	31	20
WBW4E-20/10	10	2.0	1.50	13.8	4.80	40	79	72	68	63	52	38	25
WBW4E-20/12	12	2.0	1.50	13.8	4.80	40	95	86	82	75	62	46	30
WBW4E-30/15	15	3.0	2.20	19.8	6.90	40	119	107	101	90	75	58	36
WBW4E-30/16	16	3.0	2.20	19.8	6.90	40	127	114	107	96	80	62	38
WBW4E-30/18	18	3.0	2.20	19.8	6.90	40	143	128	121	108	90	69	43
WBW4E-40/21	21	4.0	3.00	24.3	9.00	40	161	145	138	120	101	76	49
WBW4E-50/25	25	5.0	3.70	28.0	10.60	40	193	175	166	153	123	95	65

Selection Chart - 4" (100mm) WILO Borehole Submersible Pump Sets → F Series, 1 Phase / 3 Phase @ 2800 RPM

Pump Set - Description	No. of Stage	Motor Rating		Rated Current		Discharge Dia. (mm)	Discharge (LPM)							
		HP	kW	1 Ph	3 Ph		0	50	60	75	90	110	130	150
WBW4F-10/04	4	1.0	0.75	7.5	3.25	40	33	29	28	26	23	20	13	9
WBW4F-15/06	6	1.5	1.10	10.5	4.00	40	51	45	43	41	36	30	23	13
WBW4F-20/08	8	2.0	1.50	13.8	4.80	40	66	58	56	50	46	38	28	16
WBW4F-20/10	10	2.0	1.50	13.8	4.80	40	83	73	70	63	57	48	35	20
WBW4F-30/12	12	3.0	2.20	19.8	6.90	40	101	90	86	81	72	60	47	26
WBW4F-30/15	15	3.0	2.20	19.8	6.90	40	126	112	108	101	90	75	58	33
WBW4F-40/16	16	4.0	3.00	24.3	9.00	40	132	115	111	104	94	78	60	35
WBW4F-50/20	20	5.0	3.70	28.0	10.60	40	158	139	133	124	110	94	66	40
WBW4F-50/22	22	5.0	3.70	28.0	10.60	40	174	153	146	136	121	104	73	44
WBW4F-50/25	25	5.0	3.70	28.0	10.60	40	198	174	166	155	138	119	83	50

Note: The above performance is based on mean supply voltage of 220 V / 415 V at 50 Hz and subject to change due to continuous R&D.

Conversion Table: 1 m = 3.281 ft and 1 m³/hr = 16.67 LPM = 3.67 GPM

WBW 6 inch Borehole submersible multistage pump



Technical Data:
Flow: 440 LPM
Head: 745 ft
Power: upto 10 HP

Application

- Domestic & community water supply
- Water supply to high rise building, housing complex, villas & hotels, fountains
- Farm houses, gardens and nurseries
- Drip and sprinkler irrigation
- Washing – garages, poultry farms, cattle farms, and stud farms
- Industrial applications

Standard Fetures:

- Discharge upto to 440 LPM
- Head upto 227 m (745 ft)
- Pumps from 2.2 kW (3.0 HP) upto 7.5 kW (10 HP)
- Wide voltage range available
- High quality winding wires to ensure reliability & capability to withstand wide voltage fluctuation
- Adequate bearing supports are provided at top, bottom and middle for better stability
- Top & suction bush are protected by proper sand guard arrangement
- Non return valve designed for minimum friction loss
- Water lubricated and fully rewindable motor with 2.75 m 3 core PVC flat cable along with earthing provision
- WBW6-A to F Series with in-built CI diffuser, SS impeller and SS sleeve with hard chrome plating

Selection Table

Selection Chart- 6" (150 mm) WILO Borehole Submersible Pump Sets → A to F Series, 3 Phase @ 2900 RPM

Pump Set - Description	No. of Stage	Motor Rating		Starting method	Rated Current	Discharge Dia. (mm)	Discharge (LPM)											
		HP	kW				3 Ph	0	50	75	100	130	150	175	200			
WBW6A-30/08	8	3.0	2.2	DOL	6.5	50	81	73	69	62	50	41	29	17				
WBW6B-30/06	6	3.0	2.2	DOL	6.5	50	68	60	56	46	43	35	25	13				
WBW6B-40/10	10	4.0	3.0	DOL	8.5	50	113	100	93	77	72	58	42	22				
WBW6B-50/12	12	5.0	3.7	DOL	10.0	50	136	120	112	92	86	70	50	26				
WBW6B-75/16	16	7.5	5.5	DOL	14.5	50	181	160	149	123	115	93	67	35				
WBW6B-75/16	16	7.5	5.5	S/D	14.5	50	181	160	149	123	115	93	67	35				
WBW6B-75/20	20	7.5	5.5	DOL	14.5	50	227	200	187	153	143	117	83	43				
WBW6B-75/20	20	7.5	5.5	S/D	14.5	50	227	200	187	153	143	117	83	43				
WBW6C-50/08	8	5.0	3.7	DOL	10.0	50	87	79	76	72	63	60	44	24				
WBW6C-60/10	10	6.0	4.5	DOL	12.0	50	109	99	95	90	79	75	55	30				
WBW6C-75/12	12	7.5	5.5	DOL	14.5	50	131	119	114	108	95	90	66	36				
WBW6C-75/12	12	7.5	5.5	S/D	14.5	50	131	119	114	108	95	90	66	36				
WBW6C-100/16	16	10.0	7.5	S/D	19.5	50	174	158	152	144	126	120	88	48				
WBW6E-30/04	4	3.0	2.2	DOL	6.5	50	45	41	40	37	33	27	22	14				
WBW6F-30/03	3	3.0	2.2	DOL	6.5	50	37	36	35	32	27	23	17	13				
WBW6F-50/05	5	5.0	3.7	DOL	10.0	50	62	60	58	54	46	38	29	21				
WBW6F-75/08	8	7.5	5.5	DOL	14.5	50	98	96	93	86	73	61	46	34				
WBW6F-75/08	8	7.5	5.5	S/D	14.5	50	98	96	93	86	73	61	46	34				
WBW6F-100/10	10	10.0	7.5	S/D	19.5	50	123	120	116	107	91	76	58	42				

WJ**Self priming jet pump****Technical Data:****Flow:** 83 LPM**Head:** 50 mts

Available in single and three phase

Application:

- Pumping water from wells
- Filling, pumping empty, transferring by pumping, irrigation and sprinkling
- As emergency pump for overflows farms.

Standard Features:

- Stainless steel pump body
- Stainless steel impeller
- High efficient motor suitable for wide voltage fluctuations
- Anti rust material
- Component parts insensitive to corrosion
- Easy to carry, install and operate

Selection Table

Pump Model	lps lpm m ³ /hr	0.0 0 0.0	0.1 8 0.5	0.3 17 1.0	0.4 25 1.5	0.6 33 2.0	0.7 42 2.5	0.8 50 3.0	1.0 58 3.5	1.1 67 4.0	1.2 75 4.5	1.4 83 5.0
WJ202	Head (m)	36	36	29	26	23	20	17	15	13	8	
WJ203		42	42	34	31	28	25	23	21	18	11	4
WJ204		48	48	41	37	34	32	29	27	25	21	13

MHIL

Multistage, non-self-priming, horizontal high-pressure centrifugal monobloc pump



Technical Data:

Flow: Upto 58 LMP / 13 m³/hr

Head: Upto 68 mts

Temp.: -15°C to +90°C

Max. Operating Pressure: 10 bar

Max. Inlet pressure: 6 bar

Available in single and three phase

Application:

Water supply and pressure boosting

- Commerce and industry
- Washing and spraying systems
- Rainwater utilisation
- Cooling and cold water circuits

Standard Features:

- Stainless steel impeller
- Wetted parts made up of stainless steel
- High efficient motor suitable for wide voltage fluctuations
- Silent in operation
- Easy to carry, install and operate

Selection Table

Pump Model	lps lpm m ³ /hr	0.0 0 0.0	0.1 8 0.5	0.3 17 1.0	0.4 25 1.5	0.6 33 2.0	0.7 42 2.5	0.5 50 3.0	1.0 58 3.5
MHIL102	Head (m)	20	19	18	16	14	11	8	8
MHIL103		29	27	26	24	21	17	13	13
MHIL104		39	38	35	32	28	23	16	16
MHIL105		50	47	44	40	34	28	20	20
MHIL106		61	57	53	47	40	32	22	22
MHIL107		67	64	59	53	45	35	24	24
MHIL108		73	70	65	59	51	41	28	28

Pump Model	lps lpm m ³ /hr	0.0 0 0.0	0.3 17 1.0	0.6 33 2.0	0.8 50 3.0	1.1 67 4.0	1.4 83 5.0	1.7 100 6.0
MHIL302	Head (m)	22	21	19	15	11	6	1
MHIL303		33	32	27	22	16	9	1
MHIL304		43	40	35	28	21	11	1
MHIL305		55	50	44	36	26	14	2
MHIL306		67	62	56	47	36	21	3
MHIL307		79	74	67	57	44	31	4

Pump Model	lps lpm m ³ /hr	0.0 0 0.0	0.3 17 1.0	0.6 33 2.0	0.8 50 3.0	1.1 67 4.0	1.4 83 5.0	1.7 100 6.0	1.9 117 7.0	2.2 133 8.0	2.5 150 9.0
MHIL502	Head (m)	22	21	20	19	17	15	13	10	7	4
MHIL503		32	31	29	27	24	21	17	13	8	2
MHIL504		44	42	40	37	34	29	25	19	12	5
MHIL505		56	54	52	49	46	41	35	28	19	8
MHIL506		68	67	64	61	56	51	44	36	25	12
MHIL507		80	78	75	71	66	61	53	44	31	15

Pump Model	lps lpm m ³ /hr	0.0 0 0	0.3 16 1	0.6 33 2	0.8 50 3	1.1 67 4	1.4 83 5	1.7 100 6	1.9 117 7	2.2 133 8	2.5 150 9	2.8 167 10	3.1 183 11	3.3 200 12	3.6 217 13	3.9 234 14	4.2 250 15
MHIL902	Head (m)	24	24	23	22	22	21	20	19	18	17	16	14	13	11	9	6
MHIL903		36	35	34	34	33	32	32	31	29	28	26	23	21	17	14	10
MHIL904		47	46	45	44	43	42	41	40	38	37	34	32	28	24	19	13
MHIL905		59	58	57	56	55	54	53	52	50	48	45	41	36	31	24	17
MHIL906		71	70	69	68	67	66	65	64	62	60	57	53	47	41	32	24

MHI

Multistage, non-self-priming, horizontal high-pressure centrifugal monobloc pump


Technical Data:
Flow: 83LPM

Head: 50 mts

Temp.: -15°C to +90°CMax.

Operating Pressure: 10 barMax.

Inlet pressure: 6 bar

Available in single and three phase
Application:

- Pumping water from wells
- Filling, pumping empty, transferring by pumping, irrigation and sprinkling
- As emergency pump for overflows.

Standard Features:

- All pump components made up of stainless steel
- High efficient motor suitable for wide voltage fluctuations
- Silent in operation
- Light and compact construction

Selection Table

Pump Model	lps	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4	1.5	1.6
	lpm	0	8	16	25	33	42	50	58	67	75	83	91	96
	m ³ /hr	0	0	1	1	2	2	3	3	4	4	5	5	6
MHI202	Head (m)	23	22	21	20	18	17	15	13	11	8	6	3	1
MHI203		33	32	30	28	26	23	21	18	15	11	8	3	1
MHI204		45	43	41	38	36	33	29	26	22	17	13	7	4
MHI205		56	56	55	52	49	46	42	38	33	29	23	17	10
MHI206		70	68	65	62	58	54	49	44	38	31	24	15	10
Pump Model		lps	0.0	0.3	0.6	0.8	1.1	1.4	1.7	1.9	2.2	2.4		
	lpm	0	17	33	50	67	83	100	117	133	147			
	m ³ /hr	0	1	2	3	4	5	6	7	8	9			
MHI402	Head (m)	22	21	20	19	17	15	12	9	4	0			
MHI403		34	33	31	29	26	23	19	14	8	2			
MHI404		45	44	42	39	35	31	26	19	11	2			
MHI405		57	56	54	51	47	42	36	27	17	7			
MHI406		69	68	65	61	57	51	44	34	22	8			
Pump Model		lps	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.6	3.9			
	lpm	0	33	67	100	133	167	200	218	233				
	m ³ /hr	0	2	4	6	8	10	12	13	14				
MHI802	Head (m)	24	23	21	20	18	15	11	8	6				
MHI803		36	35	34	31	28	23	18	15	12				
MHI804		48	47	44	42	38	32	24	19	15				
MHI805		60	58	55	51	46	39	30	25	19				
Pump Model		m ³ /hr	0.0	5.0	10.0	15.0	20.0	25.0	27.0					
MHI1602	Head (m)	23.5	22.3	20.5	18.0	13.6	6.2	2.7						
MHI1603		35.7	33.8	30.9	26.9	20.8	10.6	5.6						
MHI1604		48.1	45.8	41.5	35.6	27.5	14.5	8.8						

TWI 5 Submersible booster



Technical Data:
Flow: upto 266 LPM
Head: upto 88 mts

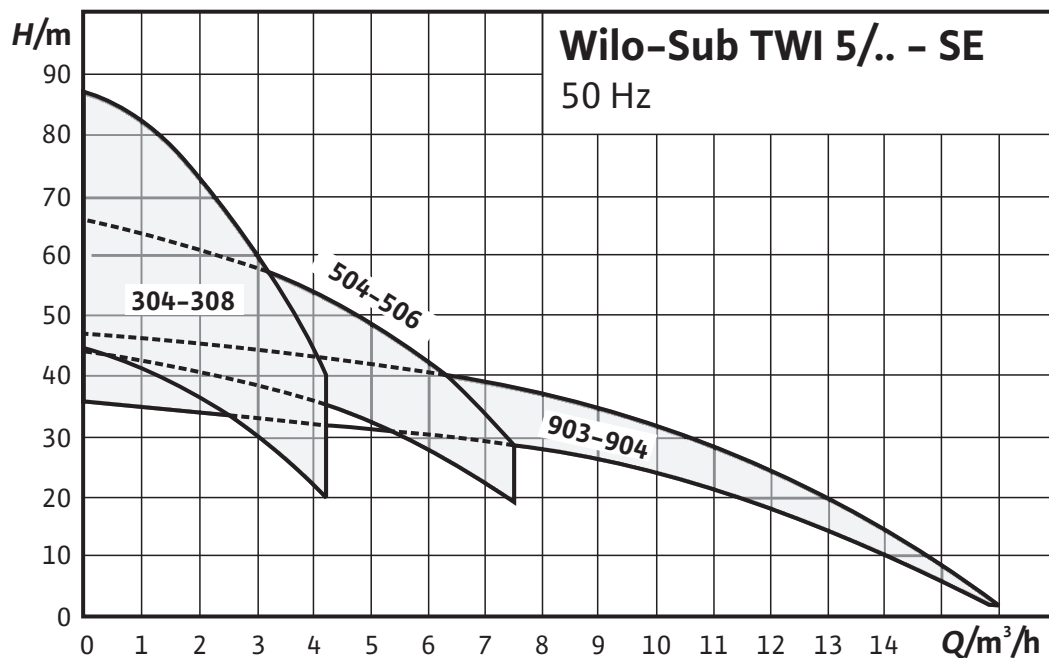
Application:
 Pumping clear water from

- Well
- Rainwater storage tanks and vessels
- Irrigation, sprinkling and pumping out clear water
- Water supply
- Rainwater utilisation

Standard Features:

- Easy installation and commissioning thanks to ready-to-plug delivery including all accessories
- Thermal motor protection
- Pump (housing, stages, impellers) made entirely of stainless steel
- The self-cooling motor also enables the provision outside the water

Selection Table



PB Inline booster



Technical Data:

Flow: upto 80 LPM

Head: upto 19 mts

Power: upto 400 Watt

Application:

- Pressure boosting water transfer from roof tank to tap
- Wobbler
- Silent operation

Standard Features:

- Automatic/manual operation
- Easy to carry, install and operate Motor built with Thermal Protector for safety
- Rust-proof casting by electric coating

PW Peripheral in line booster



Technical Data:

Flow: 40 LPM

Head: 45 mts

Application:

- Boosting water pressure at taps and showers
- Water supply for household use
- Water transfer for small machines and instruments
- Sprinkler systems
- Gardening and car washing

Standard Features:

- Self priming function
- Automatic operation
- Thermal protector to avoid motor burn out
- Efficient cooling for motor by specially designed cooling fan
- Easy to carry, install and operate

Selection Table

Pump Model	LPM	0	5	10	15	20	25	30	35	40	45	50	55	60	65	75
PB88		9	9	8	7	16	14	3	1							
PB200		15	15	14	13	13	12	10	9	8	5	4	1			
PB400		20	19	18	17	16	15	15	13	12	11	10	9	8	2	1
PW122	Head (m)	30	24	19	13	9	4									
PW252		43	39	35	31	26	22	18	13	9	4					

FWJ/HWJ

Single pump booster



Technical Data:
Flow: upto 80 LPM
Head: upto 46 mts

Application:
 Water transfer in
 → Bungalows / farm houses
 → Apartments / hostels

Standard Features:

- Stainless steel pump body
- Stainless steel impeller
- Available with hydro pneumatic tank / electronic control for automatic operation
- High efficient motor suitable for wide voltage fluctuations
- Anti rust material
- Component parts insensitive to corrosion
- Easy to carry, install and operate

Selection Table

Pump Model	Motor Rated Power			Connection		Flow Range	Head Range	Pressure Range bar
	kW	HP	Voltage	Suction	Discharge	m ³ /hr	m	
FWJ 202-EM-FC2	0.65	0.75	1 ~ 230 V, 50 Hz.	1"	1"	0.5 - 4.5	37.5 - 10.2	1.5
FWJ 203-EM-FC2	0.75	1.00	1 ~ 230 V, 50 Hz.	1"	1"	0.5 - 4.5	37.5 - 10.2	1.5
HWJ 202-EM-20	0.65	0.75	1 ~ 230 V, 50 Hz.	1"	1"	0.5 - 4.5	37.5 - 10.2	1.8 - 3.0
HWJ 203-EM-20	0.75	1.00	1 ~ 230 V, 50 Hz.	1"	1"	0.5 - 4.5	37.5 - 10.2	1.8 - 3.0

Technical Specifications of single pump boosters FWJ/HWJ are with fluid control and pressure switch

HMHIL / FMHIL

Single pump booster



Technical Data:
Flow: upto 215 LPM
Head: upto 62 mts

Application:
 Water transfer in
 → Bungalows / farm houses
 → Apartments / hostels
 → Wobbler
 → Silent in Operation

Standard Features:

- Stainless steel impeller
- Wetted parts made up of stainless steel
- Available with hydro pneumatic tank / electronic control for automatic operation
- High efficient motor suitable for wide voltage fluctuations
- Silent in operation
- Easy to carry, install and operate

Selection Table

Pump Model	Motor Rate Power			Connection		Flow Range	Head Range	Pressure Range bar
	kW	HP	Voltage	Suction	Discharge	m ³ /hr	m	
F/H MHIL 102-EM-20	0.55	0.75	1 ~ 230 V, 50 Hz.	1"	1"	0.5 - 3	18.4 - 07.9	1.2 - 1.8
F/H MHIL 103-EM-20	0.55	0.75	1 ~ 230 V, 50 Hz.	1"	1"	0.5 - 3	27.1 - 12.2	1.8 - 2.8
F/H MHIL 104-EM-20	0.55	0.75	1 ~ 230 V, 50 Hz.	1"	1"	0.5 - 3	36.9 - 16.1	2.2 - 3.5
F/H MHIL 105-EM-20	0.55	0.75	1 ~ 230 V, 50 Hz.	1"	1"	0.5 - 3	46.7 - 18.9	2.8 - 4.2
F/H MHIL 106-EM-20	0.55	0.75	1 ~ 230 V, 50 Hz.	1"	1"	0.5 - 3	56.5 - 21.7	3.2 - 4.5
F/H MHIL 302-EM-20	0.55	0.75	1 ~ 230 V, 50 Hz.	1"	1"	0.4 - 5	21.5 - 06.3	1.2 - 1.8
F/H MHIL 303-EM-20	0.55	0.75	1 ~ 230 V, 50 Hz.	1"	1"	0.4 - 5	31.7 - 08.9	1.8 - 2.8
F/H MHIL 304-EM-20	0.55	0.75	1 ~ 230 V, 50 Hz.	1"	1"	0.4 - 5	42.0 - 11.0	2.2 - 3.5
F/H MHIL 305-EM-20	0.75	1.00	1 ~ 230 V, 50 Hz.	1"	1"	0.4 - 5	52.3 - 14.3	2.8 - 4.2
F/H MHIL 306-EM-20	1.10	1.50	1 ~ 230 V, 50 Hz.	1"	1"	0.4 - 5	64.6 - 20.6	3.2 - 4.5
F/H MHIL 502-EM-20	0.55	0.75	1 ~ 230 V, 50 Hz.	1"	1"	0.5 - 8	21.5 - 07.2	1.2 - 1.8
F/H MHIL 503-EM-20	0.55	0.75	1 ~ 230 V, 50 Hz.	1"	1"	0.5 - 8	31.4 - 07.8	1.8 - 2.8
F/H MHIL 504-EM-20	0.75	1.00	1 ~ 230 V, 50 Hz.	1"	1"	0.5 - 8	42.5 - 12.0	2.2 - 3.5
F/H MHIL 505-EM-20	1.10	1.50	1 ~ 230 V, 50 Hz.	1"	1"	0.5 - 8	55.2 - 19.6	2.8 - 4.2
F/H MHIL 506-EM-20	1.50	2.00	1 ~ 230 V, 50 Hz.	1"	1"	0.5 - 8	67.5 - 25.0	3.2 - 4.5
F/H MHIL 902-EM-20	0.75	1.00	1 ~ 230 V, 50 Hz.	1"	1"	0.8 - 13	21.4 - 09.8	1.2 - 1.8
F/H MHIL 903-EM-20	1.10	1.50	1 ~ 230 V, 50 Hz.	1"	1"	0.8 - 13	33.2 - 15.2	1.8 - 2.8
F/H MHIL 904-EM-20	1.50	2.00	1 ~ 230 V, 50 Hz.	1"	1"	0.8 - 13	45.2 - 20.8	2.2 - 3.5

Technical Specifications of single pump boosters FMHIL/HMHIL are with fluid control and pressure switch

VMHIL / VMHI

Domestic booster with VFD



Technical Data:

Flow: 10 m³/hr
Head: 65 m

Application:

The pressure boosting pump with variable frequency drive is used to maintain the constant pressure in water supplies of

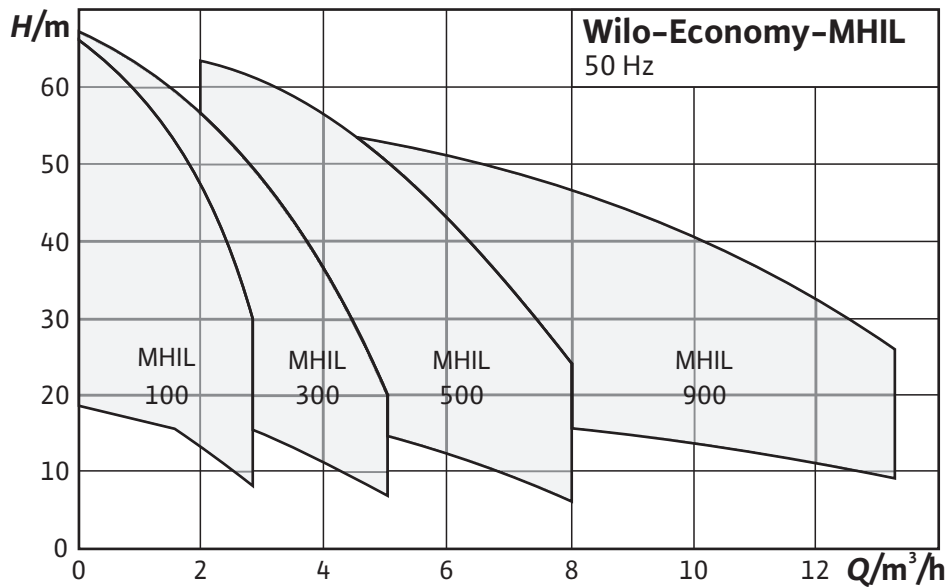
- Residential buildings
- Hotels
- Hospitals
- Water supply and distribution from a sump or a tank

Standard Features:

- Horizontal multistage stainless steel centrifugal pump with electric motor
- Factory assembled system supplied with pressure tank for ready to use Control panel with built in VFD, built in PLC and PID functions along with pressure transmitter for precise water pressure
- Built in over voltage, under voltage, short circuit motor overload and dry run protection with float
- Easy to install and operate

Selection Table

Refer Page No. 18 for MHIL / Page No. 14 for MHI



MHIL / MHI - BC

Horizontal twin pump booster



Technical Data:
Flow: upto 430 LPM
Head: upto 65 mts

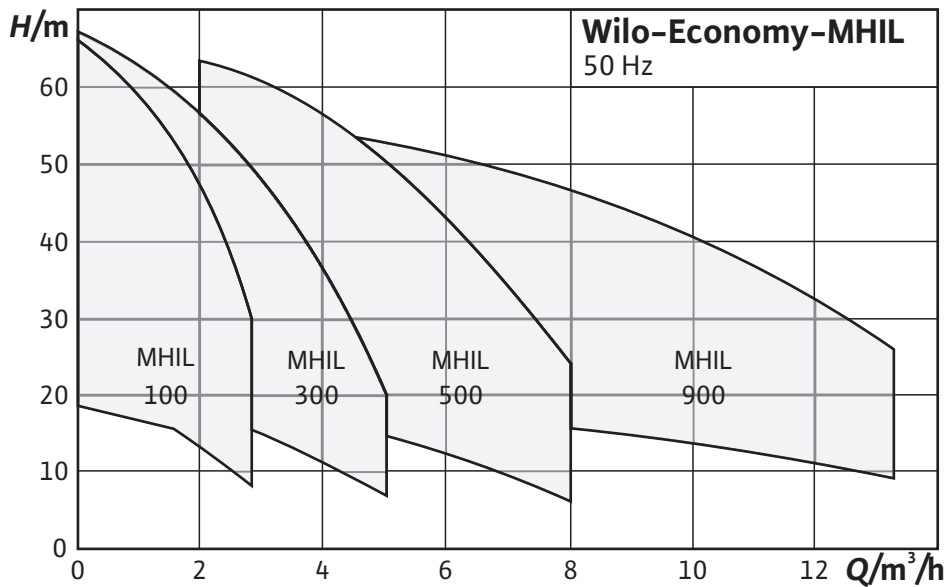
Application:
 Pressure boosting in
 → Bungalows
 → Farm houses
 → Apartments and
 → Hotels

Standard Features:

- Horizontal multistage stainless steel centrifugal pump with electric motor
- Factory assembled system along with control panel supplied for ready to use
- Automatic pump cascading and alteration
- Built in over voltage, under voltage, short circuit motor overload and dry run protection with float
- Easy to install and operate

Selection Table

Refer Page No. 18 for MHIL / Page No. 14 for MHI



De-watering Pump

FAS / FAC



Technical Data:

Flow: upto 1000 LPM

Head: upto 30 mts

Solid passage: upto 16 mms

Application:

- Dewatering from residential buildings
- Commercial buildings
- Industry
- Hospitals

Material of construction

Motor body: Stainless Steel

Pump body: Cast Iron

Impeller: Cast Iron

Standard Features:

- Attached float switch (A-model) enables easy operation
- Robust high efficiency motor
- Stainless steel motor body with IP 68 protection
- AC thermal motor protection
- Integrated motor control for current overload and high temperature
- Easy to carry and handle

Selection Table

Pump Model	Power Rating		Phase	Sync. Speed (rpm)	Pipe Size (mm) Del.	Free passage (mm)	Total Head (m)										
	kW	HP					3	5	8	10	15	20	25	30			
FAS 50/15	0.75	1.0	1,3	2800	50	10	Discharge in LPM	330	300	235	180	20					
FAS 80/21	1.5	2.0	1,3	2800	80	11		680	630	530	480	300	100				
FAS 50/30	2.2	3.0	1,3	2800	50	11			525	480	465	380	300	190	25		
FAS 80/26	2.2	3.0	1,3	2800	80	11		765	740	640	570	445	270				
FAS 100/21	2.2	3.0	1,3	2800	100	11		1000	920	780	690	400	100				
FAC 80/28*	3.7	5.0	3	2800	80	15					1160	940	640	260			
FAC 100/33*	5.5	7.5	3	2800	100	15		1700	1660	1520	1480	1200	950	720	450		

* FAC 80 & 100 - Motor housing is in cast iron

De-watering (Polypropylene Pump)

TMW


Technical Data:
Flow: upto 220 LPM

Head: upto 10 mts

Solid passage: upto 10 mm

Application:

- Dewatering of waste water in basements, sumps, bungalows
- Flood control
- Dewatering at construction sites.

Standard Features:

- Constantly clean pump sump due to patented integrated turbulator (TMW)
- Minimal residual water level of 2 mm (TMR)
- For aggressive fluids (HD version)
- With float switch (A version)
- Incl. hose connection and 10 m cable

PD 300


Technical Data:
Flow: 160 LPM

Head: 7.5 mts

Application:

- Clean public bath, water tanks
- Building basement, drainage of handy sewage facility
- Drainage to prevent flooding for small places

Standard Features:

- Lower residual water level
- Smaller motor size
- Auto control by pressure sensor
- Anti rust material
- Component parts insensitive to corrosion

Selection Table

Pump Model	Power Rating		Phase	Sync. Speed (rpm)	Pipe Size (mm)	Free passage (mm)	Total Head (m)								
	kW	HP					0	2	3	4	5	6	8	9	
PD 300	0.37	0.50	1	2800	32	10	Discharge in LPM		170	160	125	100	70		
TMW 32/11	0.55	0.75	1	2800	32	10		240	215	200	180	165	150	100	70

Sewage pump

STS/TC



Technical Data:
Flow: 1500 LPM
Head: 32 mts
Solid passage: upto 65 mts

Material of construction
Motor body: Stainless Steel
Pump body: Cast Iron
Impeller: Cast Iron

Application:

- Sewage disposal from residential buildings
- Commercial buildings
- Industry
- Small hospitals

Standard Features:

- Attached float switch (A-model) enables easy operation
- Robust pump with high efficiency
- Dry motor construction with sealing chamber
- Stainless steel motor body with IP 68 protection
- AC thermal motor protection
- Integrated motor control for current overload and high temperature
- Easy to carry and handle

Selection Table

Pump Model	Power Rating		Phase	Sync. Speed (rpm)	Pipe Size (mm) Del.	Free passage (mm)	Total Head (m)									
	kW	HP					3	5	8	10	12	15	18	30		
STS 50/10	0.37	0.5	1,3	2800	50	35	280	210	100	20						
TC 40/10*	0.60	0.8	1	2800	40	40	330	305	280	250	225	150	100	35		
PDV-S750*	0.75	1.0	1,3	2800	50	40	290	240	115	20						
STS 50/13	0.75	1.0	1,3	2800	50	35	350	300	200	130	60					
STS 50/15	0.75	1.0	1,3	2800	50	35	420	370	260	180	100					
STS 80/12	0.75	1.0	1,3	2800	80	35	480	380	230	100						
STS 80/18	1.50	2.0	1,3	2800	80	35	720	650	550	440	200					
STS 80/20	2.20	3.0	1,3	2800	80	35	920	850	700	600	300					
FAC 80F/24.66/37*	3.70	5.0	3	2800	80	35		1050	920	840	620	220				

* TC 40/10 – Impeller is made up of resin

* PDV-S750 – Impeller is made up of stainless steel

* FAC 80 – Motor housing is in cast iron

MTS Cutter pump



Technical Data:

Flow: upto 266 LPM

Head: upto 38 mts

Solid passage: upto 10 mm

Application:

- Sewage from residential buildings
- Commercial buildings
- Industry
- Small hospitals

Standard Features:

- Equipped with macerator (cutter) to cut hard solids of domestic and commercial waste
- High operational reliability
- Energy efficient design for low operating cost Corrosion-resistant stainless steel motor
- Explosion protection as standard for all 3 phase motors

Selection Table

Pump Model	lps lpm m ³ /hr	0.0 0 0	0.6 34 2	1.1 67 4	1.7 100 6	2.2 133 8	2.8 167 10	3.3 200 12	3.6 217 13
MTS40/21	H(m)	21	18	15	13	11	9	7	6
MTS40/24		24	21	18	16	14	12	10	8
MTS40/27		26	23	21	19	17	15	13	11
MTS40/31		31	28	27	25	23	21	19	17
MTS40/35		35	31	29	27	26	24	22	20
MTS40/39		39	35	33	31	29	27	24	22

STAR Z TT

Hot water circulation pump



Application:

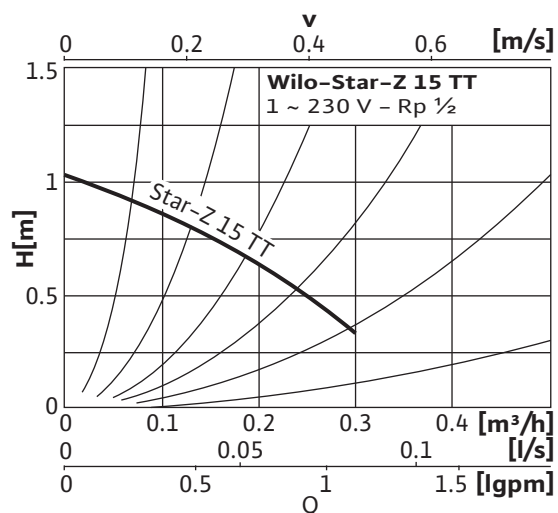
Taps and showers for

- Residential buildings
- Commercial buildings
- Small hospitals

Standard Features:

- Brass housing pump with integrated timer and temperature control
- 3 programmable switch-on and switch-off times
- Plug n Play “Red button technology press and turn”
- Display with symbolic language
- In built NRV and ball shut off valve
- Silent operation
- Operating water temperature 20°C to 65°C (max)
- Energy efficient and user friendly operating concept
- Maintenance free
- Std. thermal insulation shell
- Rp ½ inner thread for easy installation
- Integrated temperature sensor to detect return line temperature
- Anti blocking function

Selection Table



Star RS 15/6, RS 25/6, RS 25/8 Circulator



Technical Data:

Flow:

Head:

Application:

- Solar System, Heat Pumps system
- Industrial use
- Cold water systems & air-condition system

Standard Features:

- Wet motor pump
- Silent operation
- Low power consumption
- 3 pre-selectable speed stage for power adjustment
- Terminal box position rotatable 3h; 6h; 9h; 12h
- Electrical connection possible on both sides of the terminal box

Selection Table

Specifications	RS 15/6	RS 25/6	RS 25/8
Power Source	230 volts, single phase, 50 hz		
Fluid temperature	-10 deg C to 110 deg C		
Total Head (m) High/Med/Low	6/5/4	6/5/4	7.5/7/5
Max Flow (LPM) High/Med/Low	64/48/40	64/48/40	90/60/40
Inlet (mm)	15	25	25
Outlet (mm)	15	25	25
O/P Power P2 (W)	39	39	37
Protection class	IP 42	IP 42	IP 42
Max pressure	10 bar		
Casing	Cast Iron		
Impeller	Plastic		
Shaft	Stainless Steel		
Weight (kg)	2.1	2.4	3.8

RLTC**Wilco Return Line Temperature Controller****Application:**

- Apartment
- Hotels & resort
- Commercial establishment

Standard Features :

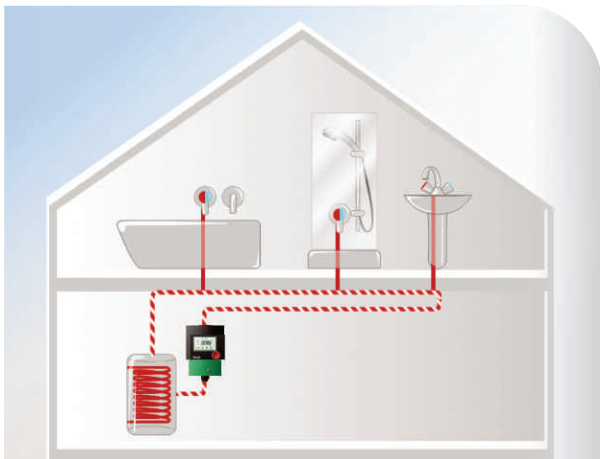
- Hot water circulator pump.
- Wall mounted IP 54 ABS enclosures
- Input Power Supply 230VAC±10%,50Hz 5A.
- Out Put Power Supply SPDT 230VAC, 10A resistive
- Ambient Temperature 0 to 40°C.
- Relative Humidity 95% non-condensing.
- Auto-off-Manual Switch.
- Temperature controller with 7 Segment digital display and keys.
- Thermocouple/RTD (PT100) Sensor.
- Programmable Real time digital timer with LCD display.

DTC**Wilco Differential Temperature Controller****Application:**

- Solar application

Standard Features :

- Hot water circulator pump.
- Wall mounted IP 54 ABS enclosures
- Input Power Supply 230VAC±10%,50Hz 5A.
- Out Put Power Supply SPDT 230VAC, 10A max resistive
- Ambient Temperature 0 to 40°C.
- Relative Humidity 85% non-condensing.
- Auto-off-Manual Switch.
- Differential Temperature controller with 7 Segment digital display and keys.
- Two Thermocouple/NTC Sensor.
- Programmable Real time digital timer with LCD display (only in advanced version)



Our Other Products



**Mini
(WP Mini)**



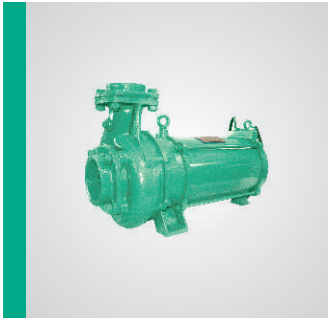
Supreme 05



**Monobloc Pump
(MPM)**



**Openwell (Single Phase) Pump
(WPO)**



**Openwell (Three Phase) Pump
(MPO)**



**Monobloc Mud Pump
(MNCM)**



**Mud Pump
(MNC)**



**Self priming jet pump
(WJ)**



**Inline Booster
(PB Series)**



**Peripheral in line booster
(PW)**



**Peripheral in line booster
(FWJ / HWJ)**



**Single pump booster
(HMHIL/FMHIL)**



**Domestic booster with VFD
(VMHIL)**



**Horizontal twin pump booster
(MHIL - BC)**



**Submersible booster
(TWI 5)**



**Portable de-watering Pump
(PD)**



**De-watering pump (SS/CI)
(FAS)**



**Portable de-watering Pump
(TMW)**



**Sewage pump (SS/CI)
(STS / TC)**



**Cutter Pump
(MTS)**



Pioneering for You

WILO Mather and Platt Pumps Pvt. Ltd.
Mumbai Pune Road,
Chinchwad, Pune – 411 019,
Maharashtra (India)

T +91 20 27442100
F +91 20 27442111
Service Toll Free: 1800 266 8866

www.matherplatt.com / www.wilo.in
sales@matherplatt.com

www.facebook.com/WiloIndia

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