

wilo

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Household Products Brochure

Highly Efficient Solutions for Residential Building

So Smart!

MHIKE-D



MHIKE-T



MHIKE Series



So Strong!

PE Series



PD Series



So Clean!

PB-410SMA
(PB-250SEA)



PB-600MA
(PB-400EA)



PB-S250MA



High-efficiency Solutions for Residential Building

So Smart!

Top class inverter technologies from WILO can provide you an incredible smart world

So Strong!

Best quality with durability is WILO's priority and promise

So Clean!

Eco-friendly technologies from German engineering bring you a wonderful hygienic life style



Home booster pump PE-300EA / PE-301EA / PE-350MA

Features

- Energy saving : Max 20% energy saving with inverter technology
- Automatic operation : Pressure control system by sensor
- Anti-rust : Use new material with FDA approval
- Low noise : Around 40dB
- Protection & alarm function : Pump protection system operates
- LED panel : easy operation & checking the states
- 3 step speed control : Semi Inverter System

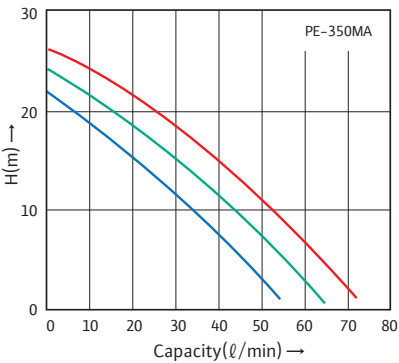
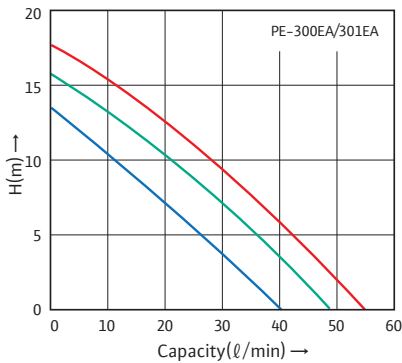
Application

- Pressure boosting for residential building, bungalow and town house
- Boosting from the roof top tank
- Pressure boosting for hot water

Technical Data

Model	Power Source (Phase/V/Hz)	Output Power (W)	Max Head (m)	Max Capacity (LPM)	Bore (mm)
PE-300EA	1/230/50	300	18	55	25
PE-301EA	1/220/50	300	18	55	25
PE-350MA	1/220/60	350	26	70	25

Performance Curve





Small drainage pump PD series

Features

- Zero water remaining : perfect dewatering with detachable rubber band
- Perfect corrosion resistance : Anti-corrosion materials applied to all Hydraulic parts
- Strong durability : Impact-resistant new material
- Drive in low level of water : excellent motor cooling system
- Good passing ability of debris : confinement improvement by new technology

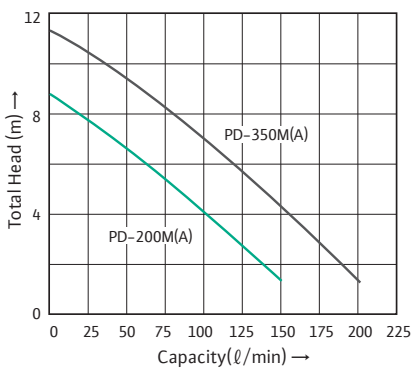
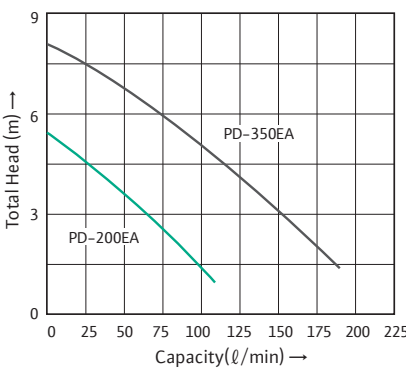
Application

- Cleaning public bath, water tank
- Building basement, drainage of handy sewage facility
- Drainage to prevent flooding for small space

Technical Data

Model	Power Source (Phase/V/Hz)	Output Power (W)	Max Head (m)	Max Capacity (LPM)	Discharge (mm)
PD-180E(A)	1 / 220/ 50	180	5.5	100	1 1/4" ø20,25,32mm
PD-300E(A)		300	7.5	160	1 1/4" ø25,32mm
PD-200M(A)	1 / 220/ 60	200	9	150	1 1/4" ø20,25,32mm
PD-350M(A)		350	11	200	1 1/4" ø25,32mm

Performance Curve





Inverter pump MHIKE series

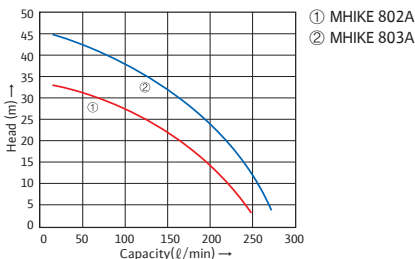
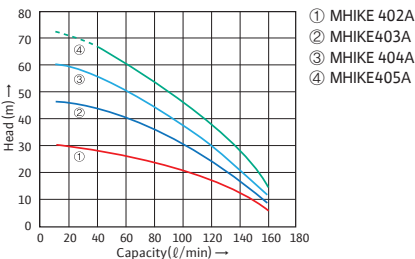
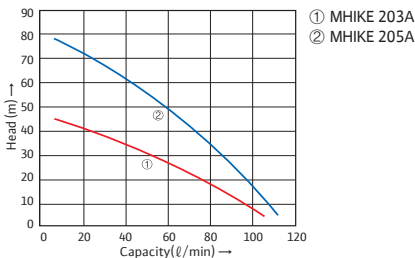
Features

- Energy saving :
 - Max 80% of saving energy with VFD
- Various protection functions :
 - Excellent protection functions work always
- Easy installation :
 - Available to do the various-direction pipe work adjustable for the installation conditions
- Easy maintenance & Repair :
 - By re-starting automatically when the cause of error is solved
- Low noise level & vibration :
 - Sustain the excellent applicable condition with good design

Application

- Water supply
- Building, School, Hotel, etc
- Water system with stable water pressure
- Sprinkler

Performance Curve



Technical Data

Model	Motor Power (kW)	Power Source (Phase/V/Hz)	Inverter Power (W)	Working Pressure (bar)	Max Capacity (LPM)	Bore (mm)	
						Suc	Dis
MHIKE-203A	0.75	1/220,230/50	750	2	100	25	25
MHIKE-402A	0.75	1/220,230/50	750	2	150	30	25
MHIKE-205A	1.1	1/220,230/50	1500	4	100	25	25
MHIKE-403A	1.1	1/220,230/50	1500	2	150	30	25
MHIKE-404A	1.5	1/220,230/50	1500	4	150	30	25
MHIKE-802A	1.5	1/220,230/50	1500	2	267	40	30
MHIKE-405A	1.85	1/220,230/50	2200	4	150	30	25
MHIKE-803A	1.85	1/220,230/50	2200	2	267	40	30



Inverter pump MHIKE-D series

Features

- Pump load distribution : Ensure the excellent product lifetime by sharing pump load equally in the automatic operation by turns
- Dry running protection : Prevent the pump from operating without water by constant detection function
- Operation by skipping the faulty pump : Although one of pumps is failed to operate, the other pump continuously operate so that it prevents from the sudden water supply interrupt
- Warm-up function : If the pump is not used for a quite some time, it operates periodically at the minimum speed so that it enables the pump to keep optimal and smooth operating as well as to detect whether the pump has a problem

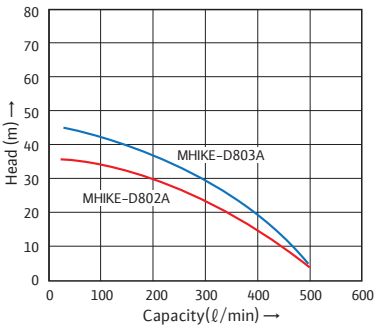
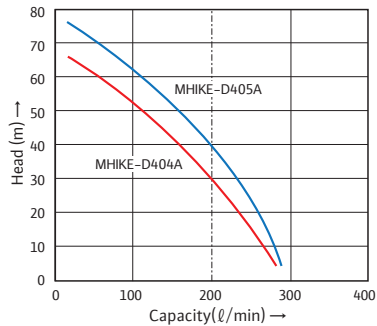
Application

- where needed bigger capacity than MHIKE series
- Building, School, Hotel, etc
- Town house, Villa, small commercial building

Technical Data

Model	Motor Power (kW)	Power Source (Phase/V/Hz)	Inverter Power (W)	Working Pressure (bar)	Max Capacity (LPM)	Bore (mm)	
						Suc	Dis
MHIKE-D 404A	1.5 x 2	1 / 220 / 50 or 60	1.5 x 2	4	300	50	50
MHIKE-D 802A				2	500	65	65
MHIKE-D 405A	1.85 x 2		2.2 x 2	4	300	50	50
MHIKE-D 803A				2	500	65	65

Performance Curve





Inverter pump MHIKE-T series

Features

- Pump load distribution : Ensure the excellent product lifetime by sharing pump load equally in the automatic operation by turns.
- Friction loss Compensation Function : Considering low flow friction loses, automatically changes partial pressure low flow to prevent unnecessary pressure losses for energy-saving
- Inverter alternating cycle : If one inverter drives over the setting time, the other pump will automatically switched to drive, this can prevent overload of a particular pump.
- Dry running protection : Prevent the pump from operating without water by constant Detection function
- Operation by skipping the faulty pump : Although one of pumps is failed to operate, the other pump continuously operate so that it prevents from the sudden water supply interrupt.
- Easy Control Panel : Easily check the system settings and system status on front display screen.

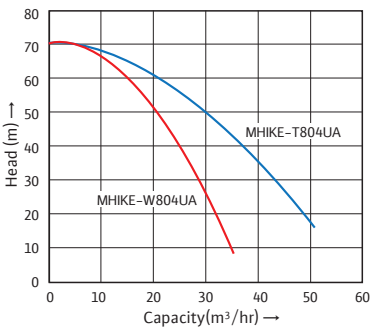
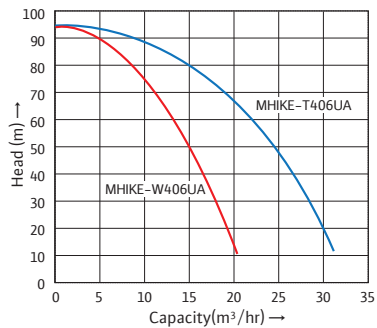
Application

- where needed bigger capacity than MHIKE series
- Building, School, Hotel, etc
- Town house, Villa, small commercial building

Technical Data

Model	Output (kW)	Setting Pre. (kgf/cm ²)	Fre-quency (Hz)	Capacity (ℓ/min) (at operating pre.)	Max.Capacity (ℓ/min)	Max.Head (m)	Piping Size	Remark
MHIKE-W406UA	2.2 x 2	7	60	180	350	92	50A	Socket type
MHIKE-W804UA	2.5 x 2	5		360	600	68	65A	
MHIKE-T406UA	2.2 x 3	7		270	530	92	65A	Flange type
MHIKE-T804UA	2.5 x 3	5		540	850	68	80A	

Performance Curve





Down ward pressure booster pump PB-series

Features

- Low noise level : Using centrifugal impeller
- Constant pressure level : Adjust more advanced flow sensor
- Anti-rust : Through electric coating of casing, it is able to control rust
- Hot water application : It can be used up to 80°C
- Long lifetime : 60% reduced on-off pressure switch working ensures double lifetime

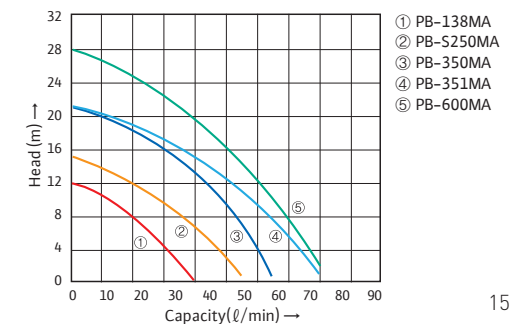
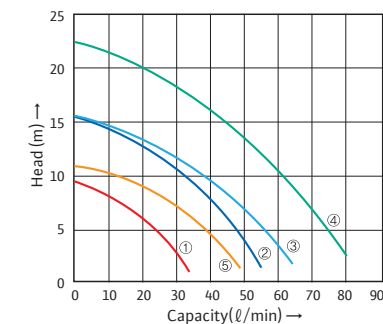
Application

- Down ward water booster for small house
- Low water pressure area in apartment from the roof top water tank

Technical Data

Model	Power Source (Phase/V/Hz)	Output Power (W)	Max Head (m)	Capacity (LPM)	Bore (mm)
PB-138MA	1/220/60	135	12	40(Ht=0.5m)	15(1/2") or 20(3/4")
PB-S250MA		250	15	55(Ht=0.5m)	20(3/4")
PB-350MA		350	21	65(Ht=0.5m)	15(1/2") or 20(3/4")
PB-351MA		350	21	80(Ht=0.5m)	25(1")
PB-600MA		600	28	80(Ht=0.5m)	32(1 1/4")
PB-088EA	1/220/50	60	9	35(Ht=0.5m)	15(1/2") or 20(3/4")
PB-S125EA		125	11	42(Ht=0.5m)	20(3/4")
PB-200EA		200	15	50(Ht=0.5m)	15(1/2") or 20(3/4")
PB-201EA		200	15	65(Ht=0.5m)	25(1")
PB-400EA		400	20	75(Ht=0.5m)	32(1 1/4")

Performance Curve



Up ward pressure booster pump PB-series

Features

- Low noise level : Using centrifugal impeller
- Constant pressure level : Adjust more advanced flow sensor
- Anti-rust : Through electric coating of casing, it is able to control rust
- Hot water application : It can be used up to 60°C

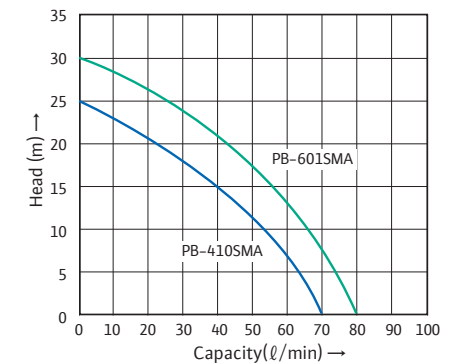
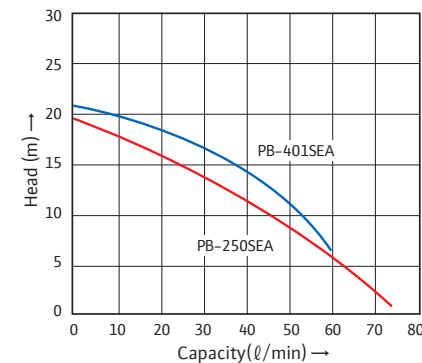
Application

- Booster water pump
- Town house, bungalow, Villa
- booster for Solar heating system Town house, Villa, small commercial building

Technical Data

Model	Power Source (Phase/V/Hz)	Output Power (W)	Max Head (m)	Capacity (LPM)	Bore (mm)
PB-410SMA	1/220/60	400	25	50(Ht=12m)	25(1")
PB-601SMA		600	32	65(Ht=12m)	32(1 1/4")
PB-250SEA	1/220/50	250	18	35(Ht=12m)	25(1")
PB-401SEA		400	21	45(Ht=12m)	32(1 1/4")

Performance Curve



PB-410SMA(PB-250SEA)

PB-601SMA(PB-401SEA)



New advanced Deep well pump PC-300EA /PC-301EA

Features

- Self-priming & Automatic operation
- Safety design for Motor built with Thermal Protector
- Sanitary normal tank coated with Anti-rust paint
- No need for a foot valve at the end of suction pipe

Application

- Draw water with a jet as deep as 24m from the ground surface
- Water supply for Household usage

Technical Data

Model	Power Source (Phase/V/Hz)	Output Power (W)	Max Head (m)	Capacity (LPM)	Bore (mm)
PC-300EA (Double jet)	1 / 220/50	300	36(Hs=24m)	16(Ht=36m)	25(1")
PC-301EA (Single Jet)	1 / 220/50	300	30(Hs=18m)	12(Ht=30m)	25(1")

Performance Curve

