



Comfort Home

GENERAL

COMFORT HOME ELECTRIC OFFERS A FULL LINE OF WATER PUMPING SYSTEMS TO SERVE A WIDE VARIETY OF WATER APPLICATIONS





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SUBMERSIBLE PUMP - UP

CONSTRUCTION CHARACTERISTICS

Pump Body: Plastac
 Impeller: Plastic
 Motor Shaft: 45# Steel or stainless steel
 Mechanical Seal: Ceramic – graphite
 Electric Motor: Copper winding, with thermal overload protector
 Insulation: Class F.
 Protection: IP X8.

UP



TECHNICAL DATA

No.	Model	Freq.	Power	Outlet	Q.Max	H.Max	Dimension	G/W
	Single-phase	Hz	KW	mm	m	m	mm	Kg
1	UP15A	220V/50Hz	0.1	25/20/15	50	6	230×175×315	4.3

SUBMERSIBLE PUMP - UP

CONSTRUCTION CHARACTERISTICS

Pump Body: Fiberglass reinforced technopolymer
 Impeller: General electric Noryl gfn2v technopolymer
 Motor Shaft: 45# Steel or stainless steel
 Mechanical Seal: Double type
 Electric Motor: Sealed induction motor, built in thermal overload protector.
 Insulation: Class F.
 Protection: IP 68.

UP



TECHNICAL DATA

No.	Model	Freq.	Power	Q.Max.	H.rat	Dimension	G/W
	Single-phase	Hz	kW	L/min	m	mm	Kg
1	UP35A	50	0.25	65	6	200×190×330	4.3
2	UP50A	50	0.37	150	8	200×190×350	5.8



SUBMERSIBLE PUMP - IDS(A)

CONSTRUCTION CHARACTERISTICS

- Pump Body: Stainless steel
- Motor Bracket: Stainless steel
- Impeller: Stainless steel or cast iron
- Motor Shaft: Stainless steel
- Mechanical Seal: Ceramic – graphite or Sic to graphite
- Electric Motor: Single-phase 230 V- 50 Hz with condenser and thermal overload protector built into the winding
- Insulation: Class F.
- Protection: IP X8.

IDS(A)



TECHNICAL DATA

No.	Model	Freq.	Power	Outlet Size	Max. Flow	Max. Head	Dimension	G/W
	Single-phase	Hz	kW	mm	L/min	m	mm	Kg
1	IDS50(A)	50	0.45	50	216	9	255×195×485	17
2	IDS100(A)	50	0.75	50	380	12	255×195×485	18.5

SUBMERSIBLE PUMP - SSP(A)

CONSTRUCTION CHARACTERISTICS

- Pump Body: Cast iron
- Motor Bracket: Stainless steel
- Impeller: Cast iron or nylon with technopolymer open type
- Motor Shaft: Stainless steel
- Mechanical Seal: Ceramic – graphite or Sic to graphite
- Electric Motor: Single-phase 230 V- 50 Hz with condenser and thermal overload protector built into the winding
- Insulation: Class B.
- Protection: IP X8.

SSP(A)



TECHNICAL DATA

No.	Model	Freq.	Power	Outlet Size	Max. Flow	Max. Head	Max. Diameter of	Dimension	G/W
	Single-phase	Hz	kW	mm	L/min	m	Particle(mm)	mm	Kg
1	SSP25(A)	50	0.2	50	180	7	15	400×275×195	7.8
2	SSP50(A)	50	0.4	50	250	9	15	400×275×195	9



SUBMERSIBLE PUMP - SED(A)/SEX(A)

CONSTRUCTION CHARACTERISTICS

- Pump Body: Cast iron
- Motor Bracket: Stainless steel
- Impeller: Cast iron open type
- Motor Shaft: Stainless steel
- Mechanical Seal: Ceramic – graphite or Sic to graphite
- Electric Motor: Single-phase 230 V- 50 Hz with condenser and thermal overload protector built into the winding
- Insulation: Class B.
- Protection: IP X8.

SED(A)/SEX(A)



TECHNICAL DATA

No.	Model	Freq.	Power	Outlet Size	Max. Flow	Max. Head	Max. Diameter of	Dimension	G/W
	Single-phase	Hz	kW	mm	L/min	m	Particle(mm)	mm	Kg
1	SED200(A)	50	1.5	50	450	18.5	20	590x355x250	28
2	SED300(A)	50	2.2	75	700	17	20	590x355x250	33
3	SEX200(A)	50	2.2	100	990	18.5	20	590x355x265	38

SUBMERSIBLE PUMP - SSA(A)/SSB(A)

CONSTRUCTION CHARACTERISTICS

- Pump Body: Cast iron
- Motor Bracket: Stainless steel
- Impeller: Cast iron or nylon with technopolymer open type
- Motor Shaft: Stainless steel
- Mechanical Seal: Ceramic – graphite or Sic to graphite
- Electric Motor: Single-phase 230 V- 50 Hz with condenser and thermal overload protector built into the winding
- Insulation: Class F.
- Protection: IP X8.

SSA(A)/SSB(A)



TECHNICAL DATA

No.	Model	Freq.	Power	Outlet Size	Max. Flow	Max. Head	Dimension	G/W
	Single-phase	Hz	kW	mm	L/min	m	mm	Kg
1	SSA50(A)	50	0.45	50	266	9	255x195x485	17
2	SSA100(A)	50	0.75	50	316	12	255x195x485	18.5
3	SSB200(A)	50	1.5	75	666	17	280x270x620	34.5
4	SSB300(A)	50	2.2	75	816	19	280x270x620	37.5



SUBMERSIBLE PUMP - SSB(A)

CONSTRUCTION CHARACTERISTICS

- Pump Body: Cast iron
- Motor Bracket: Stainless steel
- Impeller: Cast iron with tungsten steel material cutter
- Motor Shaft: Stainless steel
- Mechanical Seal: Ceramic – graphite
- Electric Motor: Single-phase 230 V- 50 Hz with condenser and thermal overload protector built into the winding.
- Insulation: Class F.
- Protection: IP X8.

SSB(A)



TECHNICAL DATA

No.	Model	Freq.	Power	Outlet Size	Max. Flow	Max. Head	Max. Diameter of	Dimension	G/W
	Single-phase	Hz	kW	mm	L/min	m	Particle(mm)	mm	Kg
1	SSB50(A)	50	0.45	50	200	10	5	245×195×395	13.8
2	SSB100(A)	50	0.75	75	500	12	30	255×195×485	23

SUBMERSIBLE PUMP - CIS

CONSTRUCTION CHARACTERISTICS

- Pump Body: Cast iron
- Motor Bracket: Cast iron
- Impeller: Cast Iron
- Motor Shaft: Stainless steel
- Mechanical Seal: Ceramic – graphite or Sic to graphite
- Electric Motor: Single-phase 230 V - 50 Hz with condenser and thermal overload protector built into the copper winding. Three-phase 380/400 V - 50 Hz.
- Insulation: Class F.
- Protection: IP X8.

CIS



TECHNICAL DATA

No.	Model	Voltage	Power	Outlet Size	Q. rat.	H. rat.	Dimension	G.W
	Three-phase	V	kW	Inch	m ³ /h	m	Cm	kg
1	CIS150	380	1.1	2	15	9	53×22×27.5	35
2	CIS200	380	1.5	2	25	7	59×26×31.5	44
3	CIS300	380	2.2	2	25	10	59×26×31.5	50
4	CIS400	380	3	3	42	11	68×33.5×38.5	73
5	CIS750	380	4	3	50	10	68×33.5×38.5	75
6	CIS1000	380	5.5	4	65	12	75.5×36×43.5	116

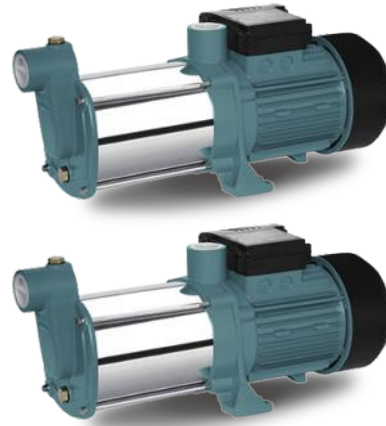


CENTRIFUGAL PUMP - MSP

CONSTRUCTION CHARACTERISTICS

- Pump Body: Cast iron.
- Pump Body Cover: Stainless steel
- Impeller: Noryl with centrifugal radial flow type.
- Motor Shaft: 45# steel or stainless steel
- Mechanical Seal: Ceramic - graphite.
- Electric Motor: 3-5CPm: Single-phase 230 V - 50 Hz with condenser and thermal overload protector built into the copper winding.
- 3-5GP: three-phase 380/400 V - 50 Hz.
- Insulation: Class B.
- Protection: IP 44.

MSP



TECHNICAL DATA

No.	Model	Power		Max.head m	Max.F		Size Inch	Suct.Max. m	Dimension (LxWxH)mm	N/W kg
		kW	HP		L/min	m ³ /h				
1	MSP75	0.6	0.8	35	90	5.4	1"x1"	8	405x215x230	8.5
2	MSP95	0.75	1	45	90	5.4	1"x1"	8	430x210x230	9.5
3	MSP120	0.9	1.25	55	90	5.4	1"x1"	8	455x210x230	10.5

SELF-PRIMING JET PUMP - JP

CONSTRUCTION CHARACTERISTICS

- Pump Body: Stainless steel
- Pump Body Cover: Stainless steel
- Impeller: Brass or PPO
- Motor Shaft: 45# Steel or stainless steel
- Mechanical Seal: Ceramic – graphite.
- Electric Motor: GJSm: single-phase 230 V- 50 Hz with condenser and thermal overload protector built into the winding .
- Insulation: Class B.
- Protection: IP 44.

JP



TECHNICAL DATA

No.	Model	Power		Max.head m	Max.F		Size Inch	Suct.Max. m	Dimension (LxWxH)mm	N/W kg
		kW	HP		L/min	m ³ /h				
1	JP50	0.4	0.5	30	40	2.4	1"x1"	9	360*200*235	6.5
2	JP75	0.6	0.8	35	45	2.6	1"x1"	9	360*200*235	7.0
3	JP100	0.8	1.1	42	60	3.5	1"x1"	9	400*230*240	10.0
4	JP150	1.1	1.5	48	68	4.0	1"x1"	9	400*230*240	11.0



SELF-PRIMING JET PUMP - JPA

CONSTRUCTION CHARACTERISTICS

- Pump Body: Stainless steel
- Pump Body Cover: Stainless steel
- Impeller: Brass or PPO
- Motor Shaft: 45# Steel or stainless steel
- Mechanical Seal: Ceramic – graphite.
- Electric Motor: GJSm: single-phase 230 V- 50 Hz with condenser and thermal overload protector built into the winding .
- Insulation: Class B.
- Protection: IP 44.

JPA



TECHNICAL DATA

No.	Model	Power		Max.head	Max.F		Size	Suct.Max.	Dimension	N/W
		kW	HP	m	L/min	m ³ /h	Inch	m	(LxWxH)mm	kg
1	JPA100	0.75	1.0	45	63	3.8	1"x1"	8	440x225x330	11.7

STANDARD CENTRIFUGAL PUMP - STX

CONSTRUCTION CHARACTERISTICS

- Pump Body: Stainless steel
- Pump Body Cover: Stainless steel
- Impeller: Brass or PPO
- Motor Shaft: 45# Steel or stainless steel
- Mechanical Seal: Ceramic – graphite.
- Electric Motor: GJSm: single-phase 230 V- 50 Hz with condenser and thermal overload protector built into the winding .
- Insulation: Class B.
- Protection: IP 44.

STX



TECHNICAL DATA

Model	Power P2 (KW)	Amps		Rated head (m)	Rated flow (m3/h)	Size		N/W Kg	Dimension mm
		220V/50Hz	380V/50Hz			Inlet	Outlet		
STX37(T)	0.25	2	0.7	12	3	G11/4	G1	7	325x190x240
STX51(T)	0.37	2.4	1	14	3	G11/4	G1	7.5	325x190x240
STX75(T)	0.55	3.8	1.4	7.5	15	G11/2	G11/2	8	430X250X325
STX100(T)	0.75	5.2	1.8	11	15	G11/2	G11/2	9	430X250X325
STX150(T)	1.1	7	2.6	14.5	18	G2	G11/2	16.3	430X250X325
STX200(T)	1.5	9.2	3.5	17	18	G2	G11/2	18	475X250X325
STX201(T)	1.5	9.2	3.5	10	30	G2	G11/2	18	475X250X325
STX300(T)	2.2	14	4.9	15	30	G2	G11/2	22	475X250X325
STX400(T)	3	-	6.3	17	30	G2	G11/2	23.4	490X250X325

Model	Power P2 (KW)	Amps		Rated head (m)	Rated flow (m3/h)	Size		N/W Kg	Dimension mm
		220V/50Hz	380V/50Hz			Inlet	Outlet		
STX37(T)	0.25	2	0.7	9	2.4	G11/4	G1	6.5	290X185X245
STX50(T)	0.37	2.4	1	9	3.6	G11/4	G1	7	290X185X245
STX51(T)	0.37	2.4	1	6.5	4.8	G11/4	G1	7.5	325X190X240
STX75(T)	0.55	3.8	1.4	7	12	G11/2	G11/2	8	390X230X300
STX100(T)	0.75	5.2	1.8	7	12	G11/2	G11/2	9	390X230X300
STX101(T)	0.75	5.2	1.8	10	12	G11/2	G11/2	9.2	390X230X300
STX151(T)	1	6.2	2.4	10	12	G11/2	G11/2	11	390X230X300
STX150(T)	1.1	7	2.6	7.8	18	G2	G2	16	430X250X325
STX200(T)	1.5	9.2	3.5	10.5	18	G2	G2	17.4	430X250X325
STX300(T)	2.2	14	4.9	11	30	G21/2	G2	22	475X250X325
STX400(T)	3	-	6.3	15	30	G21/2	G2	23	490X250X325



STANDARD CENTRIFUGAL PUMP - STP

CONSTRUCTION CHARACTERISTICS

- Pump Body: Stainless steel
- Pump Body Cover: Stainless steel
- Impeller: Brass or PPO
- Motor Shaft: 45# Steel or stainless steel
- Mechanical Seal: Ceramic – graphite.
- Electric Motor: GJSm: single-phase 230 V- 50 Hz with condenser and thermal overload protector built into the winding .
- Insulation: Class B.
- Protection: IP 44.

JPA



TECHNICAL DATA

Model	Power P2 (KW)	Amps		Rated head (m)	Rated flow (m3/h)	Size		N/W Kg	Dimension mm
		220V/50Hz	380V/50Hz			Inlet	Outlet		
STP37(T)	0.25	2	0.7	9	3	G11/4	G1	6.3	295x185x255
STP50(T)	0.37	2.4	1	11	3	G11/4	G1	7	295x185x255
STP51(T)	0.37	2.4	1	13	4.2	G11/4	G1	7.5	295x185x255
STP76(T)	0.55	3.8	1.4	12	5	G11/4	G1	8	295x185x255
STP75(T)	0.55	3.8	1.4	14	4.2	G11/4	G1	9.4	360x245x280
STP100(T)	0.75	5.2	1.8	19	4.2	G11/4	G1	10.6	360x245x280
STP152(T)	1	6.2	2.4	22	4.2	G11/4	G1	11.2	360x245x280
STP101(T)	0.75	5.2	1.8	14	7.2	G11/4	G1	10.3	360x245x280
STP150(T)	1.1	7	2.6	17	7.2	G11/4	G1	15.6	285x245x280
SPT200(T)	1.5	9.2	3.5	22	7.2	G11/4	G1	17	420x260x295
STP250(T)	1.85	13	4.1	25	7.2	G11/4	G1	18.5	420x260x295
STP151(T)	1	7	2.6	15	9	G11/2	G1	16	385x245x280
SPT201(T)	1.5	9.2	3.5	20	10	G11/2	G1	19.1	420x260x295
SPT202(T)	1.5	9.2	3.5	20	10	G11/2	G1	18.5	395x260x295
STP251(T)	1.85	13	4.1	21	12	G11/2	G1	21.3	420x260x295
STP252(T)	1.85	13	4.1	21	12	G11/2	G1	20.5	410x260x295
STP253(T)	1.85	13	4.1	14	22	G2	G11/2	21.5	420x260x295

SWIMMING POOL PUMP - PSP

CONSTRUCTION CHARACTERISTICS

- Pump Body: Polypropylene
- Ejector Foot: Polypropylene
- Diffusre: Polypropylene
- Impeller: PPO
- Motor Shaft: Stainless steel 304
- Mechanical Seal: Sic – graphite.
- Electric Motor: Two poles, single-phase 230V - 50Hz with condenser and thermal overload protector built into the copper winding.
- Insulation: Class F.
- Protection: IP 44.

STX



TECHNICAL DATA

No.	Model	Power		V		P1(KW)		Max.head m	Max.F		Max.liquid temperature(°C)
		Kw	Hp	1~	3~	1~	3~		L/min	m³/h	
1	PSP50	0.37	0.5	220	380	0.68	0.65	12.5	215	12.9	40
2	PSP75	0.55	0.75	220	380	0.95	0.91	15.2	265	15.9	40
3	PSP100	0.75	1	220	380	1.15	1.1	17	290	17.4	40
4	PSP150	1.1	1.5	220	380	1.8	1.7	19	340	20.4	40
No.	Model	Power		V		P1(KW)		Max.head m	Max.F		Max.liquid temperature(°C)
		Kw	Hp	1~	3~	1~	3~		L/min	m³/h	
1	PSP151	1.1	1.5	220	380	1.9	1.9	17	500	30	40
2	PSP200	1.5	2	220	380	2.2	2.2	19	550	33	40
3	PSP300	2.2	3	220	380	2.8	2.8	21.5	550	33	40



STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP - MIC

APPLICATION

1. Air-conditioning system
2. Water treatment
3. Pressure boosting for the water on processing line.
4. Heating and cooling water on industrial processing line
5. Air freshen, moistening equipment (soft water)
6. Water supply and pressure boosting (drinking water, weak Chlorine water)
7. Fertilization/metering system
8. Aquaculture
9. Convey thin, clean, non-flammable and non-explosive liquid without solid granules and fibers

MIC



TECHNICAL DATA

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	0.6	1.0	1.5	1.8	2.0	2.4	3.0	Weight (kg)
	220V/50Hz	380V/50Hz										
1	MCIS102	MCIS102T	0.25	H(m)	14	13.5	12	11	10	8.5	5	5.7
2	MCIS103	MCIS103T	0.25		22	21	20	18	16	15	9.5	6
3	MCIS104	MCIS104T	0.25		28	27	24.5	23	21	19	13	6.5
4	MCIS105	MCIS105T	0.37		35	33	30	28	25	22	15	7.3
5	MCIS106	MCIS106T	0.37		40	37	34	31	28	25	17	7.8

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	0.6	1.0	1.5	1.8	2.0	2.4	3.0	3.6	4.2	Weight (kg)
	220V/50Hz	380V/50Hz												
1	MCIS202	MCIS202T	0.25	H(m)	19.5	19	18	17	16	15	13	10	6	5.7
2	MCIS203	MCIS203T	0.37		28	27	26	25	24	23	19	14	8.5	6
3	MCIS204	MCIS204T	0.55		16.5	34.5	33.6	33	32	31	25	18	11	6.5
4	MCIS205	MCIS205T	0.55		45	42	41	40.5	40	38	31	22	13	7.3

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	0.5	1.0	1.5	2.0	2.5	3.0	3.5	Weight (kg)
	220V/50Hz	380V/50Hz										
1	MIC202	MIC202T	0.37	H(m)	19	18	16	14	13	11	10	8
2	MIC203	MIC203T	0.37		28	27	24	21	20	17	14	8.5
3	MIC204	MIC204T	0.55		36	35	32	29	26	23	17	9.5
4	MIC205	MIC205T	0.55		46	43	40	35	33	28	22	11
5	MIC206	MIC206T	0.75		54	50	48	42	38	32	25	12

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	2	3	4	5	6	7	Weight (kg)
	220V/50Hz	380V/50Hz									
1	MIC402	MIC402T	0.55	H(m)	18	16	15	13	10	7	9.7
2	MIC403	MIC403T	0.75		27	25	22	19	15	10	11
3	MIC404	MIC404T	0.75		36	33	30	26	20	14	11.5
4	MIC405	MIC405T	1		44	41	38	32	26	20	12.5
5	MIC406	MIC406T	1.1		53	50	45	40	33	24	13.5

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	4	5	6	7	8	9	10	Weight (kg)
	220V/50Hz	380V/50Hz										
1	MCI801	MCI801T	0.55	H(m)	15	14	13	12.5	12	9	8	10.5
2	MCI815	MCI815T	0.75		25	23	22	21	20	14	12	12
3	MCI802	MCI802T	1		30	29	27	25	24	21	16	14
4	MCI803	MCI803T	1.5		43	40	38	34	27	25	20	17
5	MCI813	MCI813T	1.85		50	46	44	40	36	30	26	21.5
6	MCI835	MCI835T	2.2		56	51	48	44	43	35	28	23
7	MCI804	MCI804T	2.2		65	57.5	57	50	48	42	34	24

**STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP - MIC****TECHNICAL DATA**

No.	Model		Power kW	Q(m ³ /h)		4	6	8	10	12	14	16	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)								
1	MCI810B	MCI810BT	0.55			11	10	9	8	7	6	5	10
2	MCI820B	MCI820BT	0.75			22	20	19	18	13	11	8	11.5
3	MCI830B	MCI830BT	1.1			31	29	26	24	20	16	11	13
4	MCI840B	MCI840BT	1.5			41	39	37	33	28	23	17	16
5	MCI850B	MCI850BT	2.2			51	49	46.5	42	37	30	23	25

No.	Model		Power kW	Q(m ³ /h)		6	7	8	9	10	11	12	13	14	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)										
1	MCI1210	MCI1210T	1			19	18	17.5	16	15.5	14	13.5	12	10.5	12
2	MCI1215	MCI1215T	1.5			28	27	26	25	24	22	20	18	15	13.5
3	MCI1220	MCI1220T	1.85			38	36	35	32	31	29	28	24	20	21
4	MCI1225	MCI1225T	2.2			47	45	43	41.5	39	36	33.5	30.5	27	24
5	MCI1230	MCI1230T	3			53.5	52	50	47.5	45	42	39	35	30	27

No.	Model		Power kW	Q(m ³ /h)		7	8	9	10	11	12	13	14	15	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)										
1	MCI1210B	MCI1210BT	0.75			12	11.5	11	10.5	10	9.5	9	8	7	12
2	MCI1220B	MCI1220BT	1.1			23	22.5	22	20.5	20.5	19.5	18.5	17	15.5	13.5
3	MCI1230B	MCI1230BT	1.85			35	34.5	33.5	32.5	31	29.5	28	26	23.5	21
4	MCI1240B	MCI1240BT	2.2			47	46	45	43.5	41.5	39.5	37.5	35	31.5	24
5	MCI1250B	MCI1250BT	3			60	58	56.5	55	52.5	50	47	44	40	27

No.	Model		Power kW	Q(m ³ /h)		7	8	9	10	11	12	13	14	15	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)										
1	MCI1610	MCI1610T	1			12	11.5	11	10.5	10	9	8	7	6	13.5
2	MCI1620	MCI1620T	1.5			24	23	22	21	20	19	16	14	12	17
3	MCI1630	MCI1630T	2.2			38	36	34	33	30	28	26	23	20	23

No.	Model		Power kW	Q(m ³ /h)		10	12	14	16	18	20	22	24	26	28	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)											
1	MCI2010	MCI2010T	1			13	13	12	12	11	11	10	9	8.5	7.5	20
2	MCI2020	MCI2020T	1.85			25	24	23	22	21	20	18	16	14	12	22
3	MCI2030	MCI2030T	3			39	38	36	35	33	31.5	30	27	24	21	25



STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP - HMI

APPLICATION

1. Air-conditioning system
2. Water treatment
3. Pressure boosting for the water on processing line.
4. Heating and cooling water on industrial processing line
5. Air freshen, moistening equipment (soft water)
6. Water supply and pressure boosting (drinking water, weak Chlorine water)
7. Fertilization/metering system
8. Aquaculture
9. Convey thin, clean, non-flammable and non-explosive liquid without solid granules and fibers

HMI



TECHNICAL DATA

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	0.6	1.0	1.5	1.8	2.0	2.4	3.0	Weight (kg)
	220V/50Hz	380V/50Hz			H(m)							
1	HMI102	HMI102T	0.25	H(m)	14	13.5	12	11	10	8.5	5	5.7
2	HMI103	HMI103T	0.25		22	21	20	18	16	15	9.5	6
3	HMI104	HMI104T	0.25		28	27	24.5	23	21	19	13	6.5
4	HMI105	HMI105T	0.37		35	33	30	28	25	22	15	7.3
5	HMI106	HMI106T	0.37		40	37	34	31	28	25	17	7.8

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	0.6	1.0	1.5	1.8	2.0	2.4	3.0	3.6	4.2	Weight (kg)
	220V/50Hz	380V/50Hz			H(m)									
1	HMI202	HMI202T	0.25	H(m)	19.5	19	18	17	16	15	13	10	6	5.5
2	HMI203	HMI203T	0.37		28	27	26	25	24	23	19	14	8.5	6
3	HMI204	HMI204T	0.55		16.5	34.5	33.6	33	32	31	25	18	11	6.5
4	HMI205	HMI205T	0.55		45	42	41	40.5	40	38	31	22	13	7

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	1.0	1.5	2.0	2.5	3.0	3.5	Weight (kg)
	220V/50Hz	380V/50Hz			H(m)						
1	HMI202	HMI202T	0.37	H(m)	18	16	14	13	11	10	7.5
2	HMI203	HMI203T	0.37		27	24	21	20	17	14	8
3	HMI204	HMI204T	0.55		35	32	29	26	23	17	9
4	HMI205	HMI205T	0.55		43	40	35	33	28	22	10
5	HMI206	HMI206T	0.75		50	48	42	38	32	25	11

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	2.0	3.0	4.0	5.0	6.0	7.0	Weight (kg)
	220V/50Hz	380V/50Hz			H(m)						
1	HMI402	HMI402T	0.37	H(m)	18	16	15	13	10	7	7.5
2	HMI403	HMI403T	0.37		27	25	22	19	15	10	8
3	HMI404	HMI404T	0.55		36	33	30	26	20	14	9
4	HMI405	HMI405T	0.55		44	41	38	32	26	20	10
5	HMI406	HMI406T	0.75		53	50	45	40	33	24	11

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	4	5	6	7	8	9	10	Weight (kg)
	220V/50Hz	380V/50Hz			H(m)							
1	HMI801	HMI801T	0.55	H(m)	15	14	13	12.5	12	9	8	12
2	HMI815	HMI815T	0.75		25	23	22	21	20	14	12	14
3	HMI802	HMI802T	1		32	28	27	25	24	21	17	17
4	HMI803	HMI803T	1.5		43	40	38	34	27	25	20	19
5	HMI813	HMI813T	1.85		50	46	44	40	36	30	26	24
6	HMI835	HMI835T	2.2		56	51	48	44	43	35	28	25
7	HMI804	HMI804T	2.2		65	57.5	57	50	48	42	34	26



STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP - HMI

TECHNICAL DATA

No.	Model		Power kW	Q(m ³ /h)		4	5	6	7	8	9	10	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)								
1	HMI810B	HMI810BT	0.55			11	10	9	8	7	6	5	13
2	HMI820B	HMI820BT	0.75			22	20	19	18	13	11	8	14
3	HMI830B	HMI830BT	1.1			31	29	26	24	20	16	11	18
4	HMI840B	HMI840BT	1.5			41	39	37	33	28	23	17	19
5	HMI850B	HMI850BT	2.2			51	49	46.5	42	37	30	23	27
6	HMI860B	HMI860BT	3			62	58	52	48	42	36	30	30

No.	Model		Power kW	Q(m ³ /h)		6	7	8	9	10	11	12	13	14	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)										
1	HMI1210	HMI1210T	0.75			19	18	17.5	16	15.5	14	13.5	12	10.5	13
2	HMI1215	HMI1215T	1.1			28	27	26	25	24	22	20	18	15	15
3	HMI1220	HMI1220T	1.85			38	36	35	32	31	29	28	24	20	23
4	HMI1225	HMI1225T	2.2			47	45	43	41.5	39	36	33.5	30.5	27	25
5	HMI1230	HMI1230T	3			53.5	52	50	47.5	45	42	39	35	30	27

No.	Model		Power kW	Q(m ³ /h)		7	8	9	10	11	12	13	14	15	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)										
1	HMI1210B	HMI1210BT	0.75			12	11.5	11	10.5	10	9.5	9	8	7	12
2	HMI1220B	HMI1220BT	1.1			23	22.5	22	20.5	20.5	19.5	18.5	17	15.5	14
3	HMI1230B	HMI1230BT	1.85			35	34.5	33.5	32.5	31	29.5	28	26	23.5	25
4	HMI1240B	HMI1240BT	2.2			47	46	45	43.5	41.5	39.5	37.5	35	31.5	27
5	HMI1250B	HMI1250BT	3			60	58	56.5	55	52.5	50	47	44	40	30

No.	Model		Power kW	Q(m ³ /h)		8	10	12	14	16	18	20	22	24	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)										
1	HMI1610	HMI1610T	1			12	11.5	11	10.5	10	9	8	7	6	12
2	HMI1620	HMI1620T	1.5			24	23	22	21	20	19	16	14	12	18
3	HMI1630	HMI1630T	2.2			38	36	34	33	30	28	26	23	20	25
4	HMI1640	HMI1640T	3			50	48	46	44	40	38	36	32	28	28

No.	Model		Power kW	Q(m ³ /h)		10	12	14	16	18	20	22	24	26	28	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)											
1	HMI2010	HMI2010T	1			13	12.5	12	11.5	11	10.5	10	9	8.5	7.5	12
2	HMI2020	HMI2020T	1.85			25	24	23	22	21	20	18	16	14	12	18
3	HMI2030	HMI2030T	3			39	38	36	35	33	31.5	30	27	24	21	25
4	HMI2040	HMI2040T	4			50	48	46	44	42	40	36	32	28	24	28



STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP - HM

APPLICATION

1. Air-conditioning system
2. Water treatment
3. Pressure boosting for the water on processing line.
4. Heating and cooling water on industrial processing line
5. Air freshen, moistening equipment (soft water)
6. Water supply and pressure boosting (drinking water, weak Chlorine water)
7. Fertilization/metering system
8. Aquaculture
9. Convey thin, clean, non-flammable and non-explosive liquid without solid granules and fibers

HM



TECHNICAL DATA

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	0.6	1.0	1.5	1.8	2.0	2.4	3.0	Weight (kg)
	220V/50Hz	380V/50Hz										
1	HMS102	HMS102T	0.25	H(m)	14	13.5	12	11	10	8.5	5	5.7
2	HMS103	HMS103T	0.25		22	21	20	18	16	15	9.5	6
3	HMS104	HMS104T	0.25		28	27	24.5	23	21	19	13	6.5
4	HMS105	HMS105T	0.37		35	33	30	28	25	22	15	7.3
5	HMS106	HMS106T	0.37		40	37	34	31	28	25	17	7.8

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	0.6	1.0	1.5	1.8	2.0	2.4	3.0	3.6	4.2	Weight (kg)
	220V/50Hz	380V/50Hz												
1	HMS202	HMS202T	0.25	H(m)	19.5	19	18	17	16	15	13	10	6	6
2	HMS203	HMS203T	0.37		28	27	26	25	24	23	19	14	8.5	6.5
3	HMS204	HMS204T	0.55		16.5	34.5	33.6	33	32	31	25	18	11	7
4	HMS205	HMS205T	0.55		45	42	41	40.5	40	38	31	22	13	7.5

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	1.0	1.5	2.0	2.5	3.0	3.5	Weight (kg)
	220V/50Hz	380V/50Hz									
1	HM202	HM202T	0.37	H(m)	18	16	14	13	11	10	8.5
2	HM203	HM203T	0.37		27	24	21	20	17	14	9
3	HM204	HM204T	0.55		35	32	29	26	23	17	9.5
4	HM205	HM205T	0.55		43	40	35	33	28	22	10
5	HM206	HM206T	0.75		50	48	42	38	32	25	10.5

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	2.0	3.0	4.0	5.0	6.0	7.0	Weight (kg)
	220V/50Hz	380V/50Hz									
1	HM402	HM42T	0.55	H(m)	18	16	15	13	10	7	9
2	HM403	HM43T	0.75		27	25	22	19	15	10	10
3	HM404	HM44T	0.75		36	33	30	26	20	14	10.5
4	HM405	HM45T	1		44	41	38	32	26	20	11
5	HM406	HM46T	1.1		53	50	45	40	33	24	12

No.	Model		Power kW	Q(m ³ /h) Q(l/min)	4	5	6	7	8	9	10	Weight (kg)
	220V/50Hz	380V/50Hz										
1	HM801	HM801T	0.55	H(m)	15	14	13	12.5	12	9	8	13
2	HM815	HM815T	0.75		25	23	22	21	20	14	12	15
3	HM802	HM802T	1		32	29	27	25	24	21	17	18
4	HM803	HM803T	1.5		43	40	38	34	27	25	20	20
5	HM813	HM813T	1.85		50	46	44	40	36	30	26	25
6	HM835	HM835T	2.2		56	51	48	44	43	35	28	30
7	HM804	HM804T	2.2		65	57.5	57	50	48	42	34	31



STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP - HM

TECHNICAL DATA

No.	Model		Power kW	Q(m ³ /h)		4	6	8	10	12	14	16	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)								
1	HM810B	HM810BT	0.55	H(m)	11	10	9	8	7	6	5	14	
2	HM820B	HM820BT	0.75		22	20	19	18	13	11	8	15	
3	HM830B	HM830BT	1.1		31	29	26	24	20	16	11	19	
4	HM840B	HM840BT	1.5		41	39	37	33	28	23	17	20	
5	HM850B	HM850BT	2.2		51	49	46.5	42	37	30	23	28	
6	HM860B	HM860BT	3		62	58	52	48	42	36	30	29	

No.	Model		Power kW	Q(m ³ /h)		7	8	9	10	11	12	13	14	15	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)										
1	HM1210	HM1210T	1	H(m)	12	11.5	11	10.5	10	9.5	9	8	7	13	
2	HM1215	HM1215T	1.5		23	22.5	22	20.5	20.5	19.5	18.5	17	15.5	15	
3	HM1220	HM1220T	1.85		35	34.5	33.5	32.5	31	29.5	28	26	23.5	26	
4	HM1225	HM1225T	2.2		47	46	45	43.5	41.5	39.5	37.5	35	31.5	28	
5	HM1230	HM1230T	3		60	58	56.5	55	52.5	50	47	44	40	31	

No.	Model		Power kW	Q(m ³ /h)		7	8	9	10	11	12	13	14	15	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)										
1	HM1210B	HM1210BT	0.75	H(m)	12	11.5	11	10.5	10	9.5	9	8	7	13	
2	HM1220B	HM1220BT	1.1		23	22.5	22	20.5	20.5	19.5	18.5	17	15.5	15	
3	HM1230B	HM1230BT	1.85		35	34.5	33.5	32.5	31	29.5	28	26	23.5	26	
4	HM1240B	HM1240BT	2.2		47	46	45	43.5	41.5	39.5	37.5	35	31.5	28	
5	HM1250B	HM1250BT	3		60	58	56.5	55	52.5	50	47	44	40	31	

No.	Model		Power kW	Q(m ³ /h)		7	8	9	10	11	12	13	14	15	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)										
1	HM1610	HM1610T	1	H(m)	12	11.5	11	10.5	10	9	9	7	6	12	
2	HM1620	HM1620T	1.5		24	23	22	21	20	19	16	14	12	18	
3	HM1630	HM1630T	1.85		38	36	34	33	30	28	26	23	20	25	
4	HM1640	HM1640T	2.2		50	48	46	44	40	38	36	32	38	28	

No.	Model		Power kW	Q(m ³ /h)		10	12	14	16	18	20	22	24	26	28	Weight (kg)
	220V/50Hz	380V/50Hz		Q(l/min)	H(m)											
1	HM2010	HM2010T	1	H(m)	13	12.5	12	11.5	11	10.5	10	9	8.5	7.5	14	
2	HM2020	HM2020T	1.85		25	24	23	22	21	20	18	16	14	12	24	
3	HM2030	HM2030T	3		39	38	36	35	33	31.5	30	27	24	21	28	
4	HM2040	HM2040T	4		50	48	46	44	42	40	36	32	28	24	33	



STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP - VM

CONSTRUCTION CHARACTERISTICS

1. Air-conditioning system
2. Water treatment
3. Pressure boosting for the water on processing line.
4. Heating and cooling water on industrial processing line
5. Air freshen, moistening equipment (soft water)
6. Water supply and pressure boosting (drinking water, weak HMI orine water)
7. Fertilization/metering system
8. Aquaculture
9. Convey thin, clean, non-flammable and non-explosive liquid without solid granules and fibers

VM



TECHNICAL DATA

No.	Model	Power	Q(m ³ /h)	1	1.2	1.6	2	2.4	2.8	3.2	3.5	N.W.(kg)
1	VM202	0.37	H(m)	17	16	15	13	12	11	9	7	21
2	VM203	0.37		26	25	23	20	19	17	14	11	21
3	VM204	0.55		35	34	32	27	25	24	19	15	23
4	VM205	0.55		44	42	39	35	32	29	23	19	23
5	VM206	0.75		51	50	48	42	38	34	28	22	27
6	VM207	0.75		61	59	55	50	45	39	33	26	27
7	VM209	1.1		78	76	71	65	59	52	43	35	30
8	VM211	1.1		95	92	86	79	70	61	51	41	31
9	VM213	1.5		113	111	103	94	86	75	62	49	35
10	VM215	1.5		130	126	119	108	96	86	69	56	36
11	VM218	2.2		156	152	143	130	116	103	86	71	40
12	VM222	2.2		192	187	175	160	143	125	105	85	42
13	VM226	3		227	223	209	190	174	153	125	105	47
14	VM414	3		132	122	118	108	97	85	64	44	45

No.	Model	Power	Q(m ³ /h)	1.5	2	3	4	5	6	7	8	N.W.(kg)
1	VM402	0.37	H(m)	18	17	16	14	12	9	7	5	22
2	VM403	0.55		27	26	25	22	19	17	12	9	24
3	VM404	0.75		37	35	33	20	26	23	18	12	27
4	VM405	1.1		46	44	42	38	33	30	22	16	30
5	VM406	1.1		56	52	50	45	39	35	26	18	31
6	VM407	1.5		64	61	59	53	46	41	31	22	34
7	VM408	1.5		72	70	68	61	53	48	36	25	35
8	VM410	2.2		93	87	84	77	68	59	45	31	38
9	VM412	2.2		111	105	101	93	82	72	55	38	40
10	VM414	3		132	122	118	108	97	85	64	44	45
11	VM416	3		148	140	136	124	111	97	74	51	46
12	VM419	4		178	166	163	147	132	117	88	62	52
13	VM422	4		205	194	186	170	154	132	102	73	54

**STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP - VM****TECHNICAL DATA**

No.	Model	Power	Q(m ³ /h)	5	6	7	8	9	10	11	12	N.W.(kg)	
1	VM802	0.75	H(m)	20	19	18	16	15	14	13	12	36	
2	VM803	1.1		30	29	28	25	24	23	22	19	39	
3	VM804	1.5		40	39	38	34	32	31	29	26	43	
4	VM805	2.2		51	49	47	43	41	40	36	33	47	
5	VM806	2.2		60	58	56	51	49	47	43	39	48	
6	VM808	3		81	78	76	70	66	63	58	52	54	
7	VM810	4		101	97	94	87	83	77	72	65	61	
8	VM811	4		111	107	103	96	91	85	79	71	62	
9	VM812	5.5		122	117	113	105	102	94	87	78	80	
10	VM814	5.5		142	136	132	122	119	109	101	91	82	
11	VM816	5.5		162	156	151	140	136	126	116	104	85	
12	VM818	7.5		182	175	170	157	153	141	130	117	91	
13	VM822	7.5		203	195	189	175	170	157	145	130	93	
No.	Model	Power	Q(m ³ /h)	8	10	12	14	16	18	20	22	N.W.(kg)	
1	VM1602	2.2	H(m)	28	27	26	25	22	21	19	17	45	
2	VM1603	3		42	41	39	37	34	32	29	26	50	
3	VM1604	4		56	54	52	50	46	44	38	34	56	
4	VM1605	5.5		69	68	65	62	57	54	48	43	75	
5	VM1606	5.5		83	81	78	75	69	64	58	52	77	
6	VM1607	7.5		97	95	92	87	80	75	68	61	82	
7	VM1608	7.5		111	108	105	100	92	86	77	70	84	
8	VM1610	11		139	136	131	125	115	108	97	87	165	
9	VM1612	11		167	163	157	150	138	129	116	105	165	
10	VM1614	15		194	190	184	175	161	151	136	122	181	
11	VM1616	15		222	217	210	200	184	173	155	140	184	
No.	Model	Power	Q(m ³ /h)	14	16	18	20	22	24	26	28	30	N.W.(kg)
1	VM2002	2.2	H(m)	26	25	24	22	21	20	18	15	13	45
2	VM2003	4		39	38	37	34	32	30	27	24	21	55
3	VM2004	5.5		52	51	49	45	43	40	37	33	29	73
4	VM2005	5.5		64	62	60	56	54	51	45	40	35	75
5	VM2006	7.5		77	75	73	68	66	61	55	49	43	81
6	VM2007	7.5		91	89	86	80	75	70	65	58	53	83
7	VM2008	11		105	102	99	92	86	81	75	67	60	162
8	VM2010	11		131	128	124	115	111	102	95	85	78	165
9	VM2012	15		158	154	149	138	130	123	114	102	92	179
10	VM2014	15		185	180	174	161	152	144	133	119	104	182
11	VM2017	18.5		225	219	212	196	185	175	162	145	125	201

**STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP - VM****TECHNICAL DATA**

No.	Model	Power	Q(m ³ /h)	16	20	24	28	32	36	40	N.W (kg)
1	VM3202	4	H(m)	36	34	32	29	27	23	18	85
2	VM3203	5.5		54	51	48	44	39	35	27	95
3	VM3204	7.5		72	68	65	59	53	47	37	105
4	VM3205	11		90	86	81	74	67	59	47	175
5	VM3206	11		108	102	97	90	81	72	57	180
6	VM3207	15		126	120	113	105	95	84	67	190
7	VM3208	15		144	137	129	120	109	97	76	195
8	VM3209	18.5		162	154	146	136	123	109	86	220
9	VM3210	18.5		180	171	162	151	137	121	96	225
10	VM3211	22		198	188	178	166	151	134	105	260
11	VM3212	30		216	205	194	182	165	146	115	265
12	VM3213	30		234	222	211	197	179	158	125	330
13	VM3214	30		252	239	227	212	193	171	135	335
14	VM3215	30		270	256	243	227	206	183	144	340
No.	Model	Power	Q(m ³ /h)	25	30	35	40	45	50	55	N.W.(kg)
1	VM4502	7.5	H(m)	48	46	44	42	39	35	31	45
2	VM4503	11		71	69	66	63	58	53	47	55
3	VM4504	15		95	92	88	84	77	71	62	73
4	VM4505	18.5		118	115	110	105	97	89	78	75
5	VM4506	22		142	138	132	125	116	107	93	81
6	VM4507	30		165	161	154	146	135	125	109	83
7	VM4508	30		189	184	176	167	154	143	124	162
8	VM4509	37		212	207	198	188	174	161	140	165
9	VM4510	37		236	230	220	209	193	179	155	179
10	VM4511	45		259	253	242	230	213	197	171	182
11	VM4512	45		283	276	264	251	233	215	186	201
No.	Model	Power	Q(m ³ /h)	30	40	50	60	64	70	80	N.W (kg)
1	VM6402	11	H(m)	53	51	47	43	39	37	30	150
2	VM6403	18.5		80	76	71	65	60	56	46	180
3	VM6404	22		107	101	94	87	81	75	61	270
4	VM6405	30		135	128	119	109	103	94	78	330
5	VM6406	37		164	156	144	132	124	114	95	370
6	VM6407	45		193	184	170	155	146	135	112	450
7	VM6408	45		220	211	195	179	168	156	130	460



VARIABLE FREQUENCY PUMP - VCI/VCM

CONSTRUCTION CHARACTERISTICS

The VCI/VCM series pumps are designed for water supply and pressure boosting in residential, commercial and light industrial applications where low or inadequate water pressure exists. It is suitable for boosting pressure from underground or surface water supplies.

VCI/VCM



TECHNICAL DATA

Model	Power		Q(m ³ /h)	1.0	1.5	2.0	2.5	3.0	3.5
	kW	HP							
VCI/VCM220	0.37	0.55	H(m)	18	16	14	13	11	10
VCI/VCM203	0.37	0.55		27	24	21	20	17	14
VCI/VCM240	0.55	0.75		35	32	29	26	23	17
VCI/VCM250	0.55	0.75		43	40	35	33	28	22
VCI/VCM260	0.75	1		50	48	42	38	32	25

Model	Power		Q(m ³ /h)	2	3	4	5	6	7
	kW	HP							
VCI/VCM420	0.55	0.75	H(m)	18	16	15	13	10	7
VCI/VCM430	0.75	1		27	25	22	19	15	10
VCI/VCM404	0.75	1		36	33	30	26	20	14
VCI/VCM406	1.1	1.5		53	50	45	40	33	24

Model	Power		Q(m ³ /h)	4	5	6	7	8	9	10	11	12	13	14	15	16	
	kW	HP															
VCI/VCM810	0.55	0.75	H(m)	11		10		9		8		7		6		5	
VCI/VCM820	0.75	1		22		20		19		18		13		11		8	
VCI/VCM830	1.1	1.5		31		29		26		24		20		16		11	
VCI/VCM803	1.5	2		43	40	38	34	27	25	20							
VCI/VCM804	1.5	2		41		39		37		33		28		23		17	
VCI/VCM805	2.2	3		51		49		46.5		42		37		30		23	
VCI/VCM1210	0.75	1					12	11.5	11	10.5	10	9.5	9	8	7	6	
VCI/VCM1220	1.1	1.5					23	22.5	22	20.5	20.5	19.5	18.5	17	15.5	13	
VCI/VCM1230	1.85	2.5					35	34.5	33.5	32.5	31	29.5	28	26	23.5	20	
VCI/VCM1240	2.2	3					47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5	
VCI/VCM1250	3	4					60	58	56.5	55	52.5	50	47	44	40	35	

Model	Power		Q(m ³ /h)	8	10	12	14	16	18	20	22	24	26	28
	kW	HP												
VCI/VCM1610	1	1.35	H(m)	12	11.5	11	10.5	10	9	8	7	6		
VCI/VCM1620	1.5	2		24	23	22	21	20	19	16	14	12		
VCI/VCM1630	2.2	3		38	36	34	33	30	28	26	23	20		
VCI/VCM2010	1	1.35			13	12.5	12	11.5	11	10.5	10	9	8.5	7.5
VCI/VCM2020	1.85	2.5			25	24	23	22	21	20	18	16	14	12
VCI/VCM2030	3	4			39	38	36	35	33	31.5	30	27	24	21



PERMANENT MAGNETIC VARIABLE FREQUENCY PUMP - VPM

>> VPM



>> PRODUCT FEATURES

1. The system uses rare earth permanent magnet synchronous motor, ultra-high energy efficiency and ultra-low power consumption.
2. Low to 1W standby power design, so that the energy-saving technology can be fully presented.
3. Adopt the world's most cutting-edge motor non-inductive driving technology to fully realized zero maintenance of motor system.
4. Full comply with the high design standards and manufacturing requirements for product safety and environmental protection in the European Union and the United States.
5. The impeller adopts enhanced PPO, with copper insert structure to make it more rugged and durable.
6. The rotor shaft adopts stainless steel welding technology to ensure that the water parts never rust.
7. The integrated pressure tank core diaphragm uses IIR material to improve the gas tightness.
8. The human-computer interface of the Digital display and the most easily operated fool-type design, enable the system to communicate with users without obstacles.
9. Adopt the pressure sensors of world-class brands to improve the reliability of the system.
10. The system is intergrated with the reverse stop valve structure, so that the internal pressure can be persisted under the condition of non-water use in the pipe network system.
11. Constant pressure control system specially designed for the family, which is fully realized the constant water pressure so that users have the perfect water using experience.

>> TECHNICAL DATA

Model	Power		Max.head m	Max.F	
	kW	HP		L/min	m ³ /h
VPM203	0.55	0.75	24	33	2
VPM204	0.75	1.0	32	33	2
VPM402	0.55	0.75	18	66	4
VPM403	0.75	1.0	27	66	4



VARIABLE-FREQUENCY PUMP - VSD

>> VSD

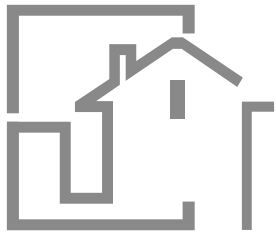


>> PRODUCT FEATURES

1. The variable-frequency water supply system can reliably achieve high energy efficiency, lower power consumption and ultra-quiet.
2. Low to 1W standby power design, so that the energy-saving technology can be fully presented.
3. Full comply with the high design standards and manufacturing requirements for product safety and environmental protection in the European Union and the United States.
4. The impeller adopts enhanced PPO, with copper insert structure to make it more rugged and durable.
5. The rotor shaft adopts stainless steel welding technology to ensure that the water parts never rust.
6. Using PB system diaphragm pressure tank and check valve, making system running more secure and reliable.
7. The human-computer interface of the Digital display and the most easily operated fool-type design, enable the system to communicate with users without obstacles.
8. Adopt the pressure sensors of world-class brands to improve the reliability of the system.
9. Constant pressure control system specially designed for the family, which is fully realized the constant water pressure so that users have the perfect water using experience.

>> TECHNICAL DATA

Model	Power		Max.head	Max.F	
	kW	HP	m	L/min	m ³ /h
VSD203	0.55	0.75	24	33	2
VSD204	0.75	1.0	32	33	2
VSD402	0.55	0.75	18	66	4
VSD403	0.75	1.0	27	66	4



Comfort Home



COMFORT HOME ELECTRIC OFFERS A FULL LINE OF
WATER PUMPING SYSTEMS TO SERVE A WIDE VARIETY
OF WATER APPLICATIONS

