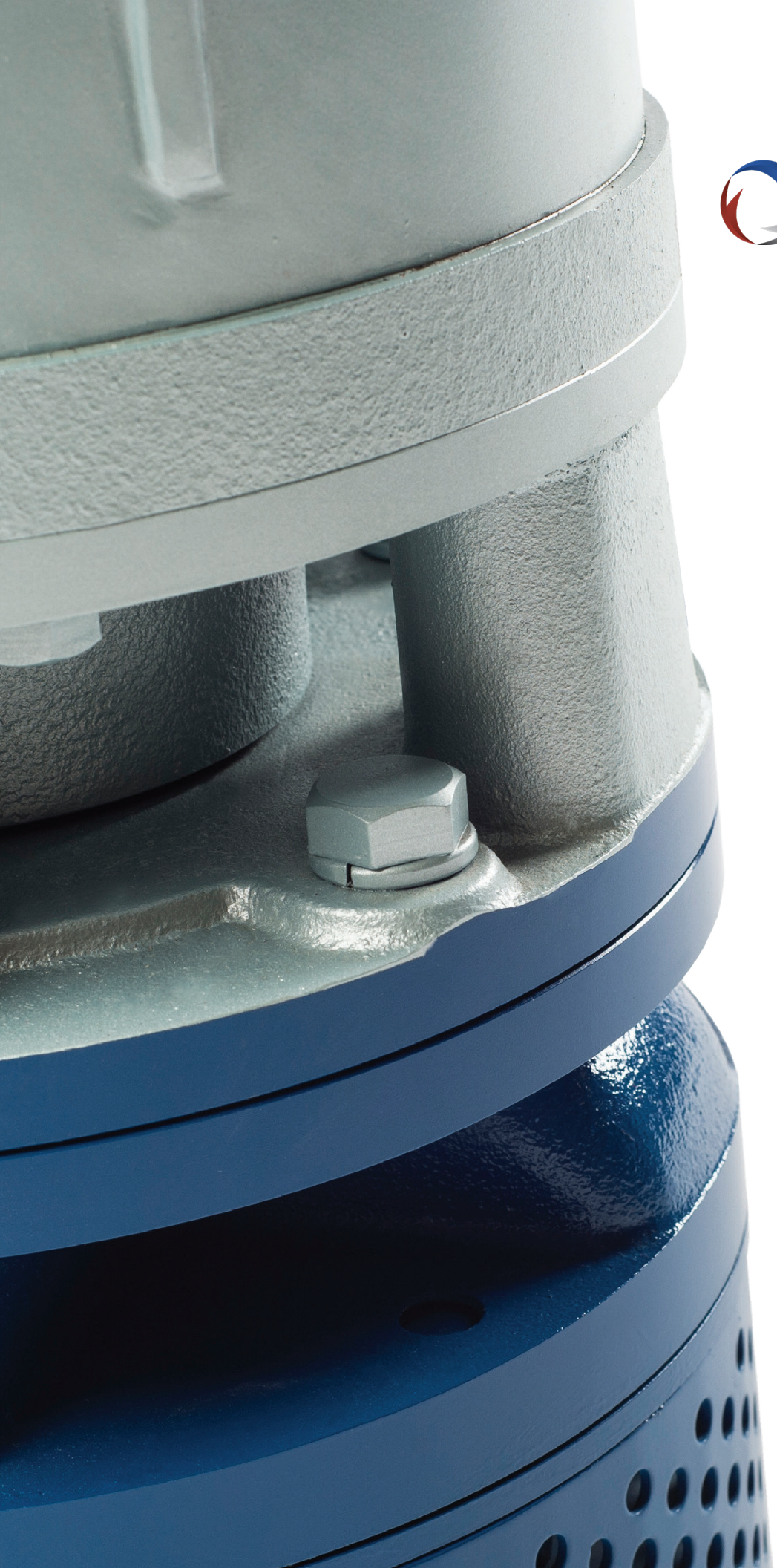

HydroTech Mining

WE SELL DEWATERING

2024 PRODUCT GUIDE

WE SELL DEWATERING

Hydrotech mining specializes in the sale, design and production of pumping and dewatering systems for the mining industry. Whether for clear water or slurry dewatering, we have a solution for you!

Hydrotech mining offers a wide array of high-performing submersible dewatering pumps and systems designed for all types of mining operations.

We are committed to finding solutions combining high performance and quality to minimize your operations costs and improve the reliability of your equipment and facilities.

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SUBMERSIBLE DEWATERING PUMPS

MAVERICK™ series

SUBMERSIBLE PUMPS

Maximum capacity:
Up to 1200 m^3/h

Maximum pressure:
Up to 235 m TDH

Designed for solid concentration:
Up to 5%

Victaulic discharge connections:
From 2" up to 14"

Rating:
0.5 HP up to 400 HP

The Maverick™Series is our line of submersible dewatering pumps designed for high head applications. Whether used in an underground operation, an open-pit mine, or a quarry, MAV pumps will keep your feet dry at all times! The wear parts are made of high chromium for improved durability and extended service life. These pumps are built to cool down completely during priming, even if the engine is entirely exposed to air; they can run dry on a continuous basis without overheating and are fitted with integrated thermal protectors.

Mav pumps can pump up to 5% solids and ensure a pressure up to 235 m TDH. The capacity of MAV pumps varies from 0.5 up to 400HP*.

*Csa approved

MAVERICK ™ series

3 HP AND UNDER PUMPS

MAV-21

Maximum capacity:
Up to 30 m³/h

Voltage:
Single-phase 115 volt/220 volt

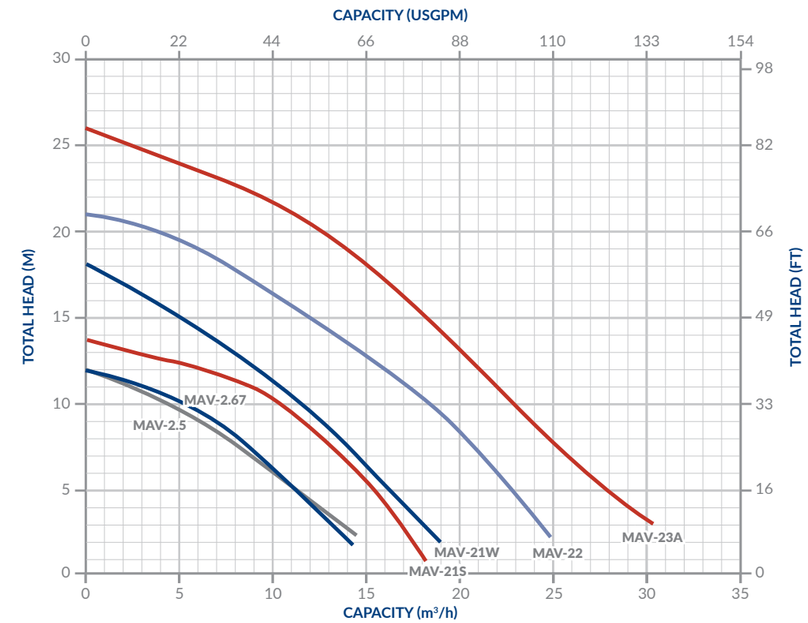
Maximum pressure:
Up to 26 m TDH

Designed for solid concentration:
Up to 5%

Victaulic discharge connections:
From 2" up to 3"

Rating:
0.5 HP up to 3 HP

Options:
Level sensor or floats



APPLICATIONS

Removal of water or slurry out of trenches, underground pits and manholes.

SPECIFICATIONS

PUMP MODELS	PUMP PERFORMANCE			PUMP DIMENSIONS			
	MOTOR OUTPUT [HP - (KW)]	TOTAL HEAD [FT - (M)]	CAPACITY [USGPM - (m³/h)]	PUMP DIAMETER [INCH - (MM)]	HEIGHT [INCH - (MM)]	WEIGHT [LBS - (KG)]	VICTAULIC DISCHARGE DIAMETER [INCH - (MM)]
MAV-2.5	0.5 (0.4)	39 (12)	62 (14)	7 (185)	13 (328)	24 (11)	2 (50)
MAV-2.67	0.67 (0.5)	39 (12)	62 (14)	7.5 (188)	12 (304)	21 (9.5)	2 (50)
MAV-21S	1 (0.8)	33 (10)	53 (12)	7.6 (194)	17 (430)	34 (15.5)	2 (50)
MAV-21W	1 (0.8)	59 (18)	82 (19)	7.5 (188)	13 (328)	29 (13)	2 (50)
MAV-22	2 (1.5)	69 (21)	108 (25)	9 (240)	23 (593)	71 (33)	2 (50)
MAV-23A	3 (2.2)	85 (26)	132 (30)	9 (240)	22 (560)	64 (29)	2 (50)

MAVERICK ™ series

DIFFUSER PUMPS

These pumps can be used conveniently because the motor cools down during operation. Fitted with cast iron or aluminum parts and accessories.

MAV-410

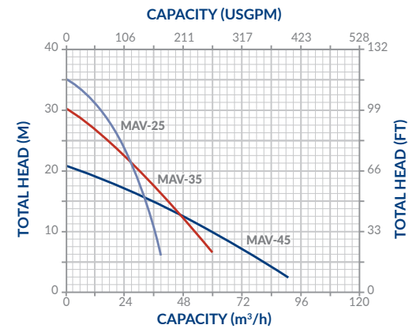
Maximum capacity:
Up to 300 m³/h

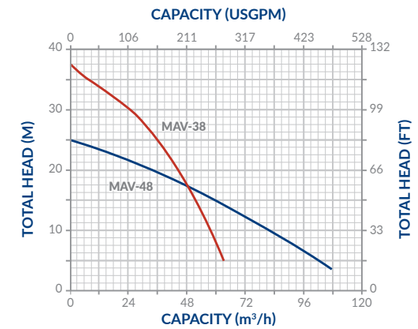
Maximum pressure:
Up to 50 m TDH

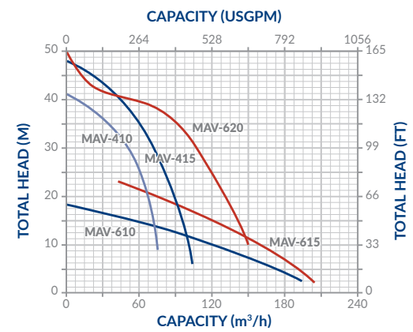
Designed for solid concentration:
Up to 5%

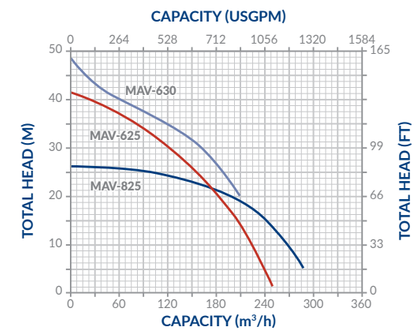
Victaulic discharge connections:
From 2" up to 8"

Rating:
5 HP up to 30 HP









APPLICATIONS

Civil engineering and construction, tunnel and caisson dewatering, narrow trenches, manholes, pit and sump dewatering.

SPECIFICATIONS

PUMP MODELS	PUMP PERFORMANCE			PUMP DIMENSIONS			
	MOTOR OUTPUT [HP - (KW)]	TOTAL HEAD [FT - (M)]	CAPACITY [USGPM - (m³/h)]	PUMP DIAMETER [INCH - (MM)]	HEIGHT [INCH - (MM)]	WEIGHT [LBS - (KG)]	VICTAULIC DISCHARGE DIAMETER [INCH - (MM)]
MAV-25	5 (3.7)	98 (30)	53 (12)	11 (280)	27 (680)	196 (89)	2 (50)
MAV-35	5 (3.7)	66 (20)	132 (30)	11 (280)	27 (680)	180 (82)	3 (80)
MAV-45	5 (3.7)	33 (10)	264 (60)	11 (280)	28 (700)	185 (84)	4 (100)
MAV-38	8 (5.5)	92 (28)	132 (30)	11 (280)	27 (680)	180 (82)	3 (80)
MAV-48	8 (5.5)	49 (15)	264 (60)	11 (280)	28 (700)	180 (82)	4 (100)
MAV-410	10 (7.5)	89 (27)	264 (60)	15 (370)	33 (835)	260 (118)	4 (100)
MAV-610	10 (7.5)	33 (10)	528 (120)	15 (370)	34 (860)	249 (113)	6 (150)
MAV-415	15 (11)	115 (35)	264 (60)	15 (370)	31 (800)	271 (123)	4 (100)
MAV-615	15 (11)	49 (15)	528 (120)	15 (370)	32 (825)	260 (118)	6 (150)
MAV-620	20 (15)	115 (35)	396 (90)	15 (370)	34 (860)	306 (139)	6 (150)
MAV-625	25 (19)	98 (30)	528 (120)	18 (455)	36 (910)	508 (231)	6 (150)
MAV-825	25 (19)	49 (15)	1056 (240)	18 (455)	37 (950)	493 (224)	8 (200)
MAV-630	30 (22)	115 (35)	528 (120)	18 (455)	36 (910)	508 (231)	6 (150)

Also available with aluminum parts and accessories

MAVERICK ™ series

DOUBLE-STAGE PUMPS

These pumps, equipped with double-stage impellers are suitable for applications requiring high head.

MAV-315H

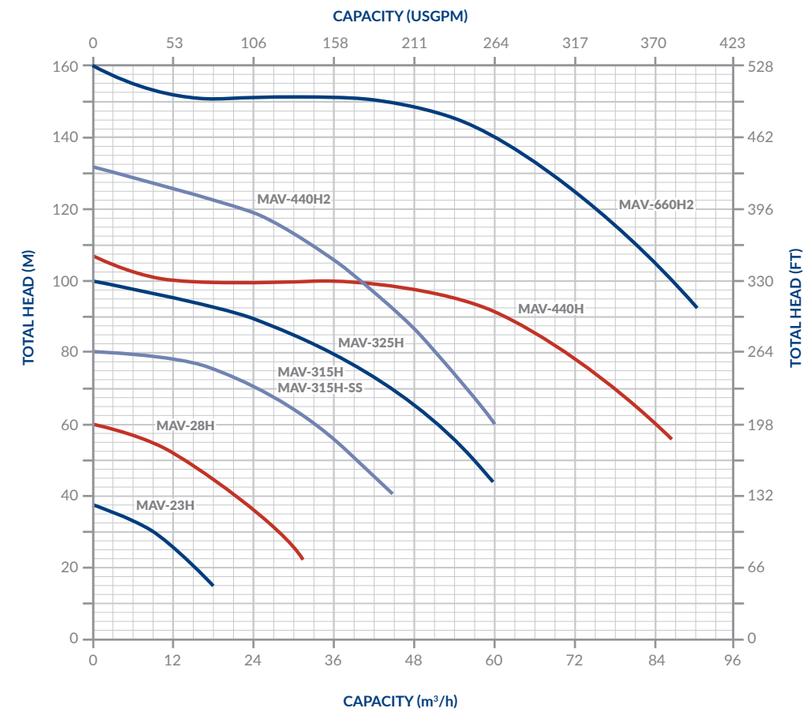
Maximum capacity:
Up to 85 m³/h

Maximum pressure:
Up to 135 m TDH

Designed for solid concentration:
Up to 5%

Victaulic discharge connections:
From 2" up to 6"

Rating:
3 HP up to 60 HP



APPLICATIONS

Underground mine dewatering, tunnel and caisson dewatering, narrow trenches, manholes, pit and sump dewatering.

SPECIFICATIONS

6 (150)	PUMP PERFORMANCE			PUMP DIMENSIONS			
	MOTOR OUTPUT [HP - (KW)]	TOTAL HEAD [FT - (M)]	CAPACITY [USGPM - (m³ /h)]	PUMP DIAMETER [INCH - (MM)]	HEIGHT [INCH - (MM)]	WEIGHT [LBS - (KG)]	VICTAULIC DISCHARGE DIAMETER [INCH - (MM)]
MAV-23H	3 (2.2)	85 (26)	53 (12)	7 (185)	28 (700)	99 (45)	2 (50)
MAV-28H	8 (5.5)	148 (45)	79 (18)	10 (250)	33 (835)	220 (100)	2 (50)
MAV-315H	15 (11)	213 (65)	132 (30)	11 (280)	37 (950)	319 (145)	3 (80)
MAV-315H-SS*	15 (11)	213 (65)	132 (30)	11 (280)	37 (950)	319 (145)	3 (80)
MAV-325H	25 (19)	279 (85)	132 (30)	13 (328)	46 (1160)	572 (260)	3 (80)
MAV-440H	40 (30)	295 (90)	264 (60)	17 (430)	49 (1240)	924 (420)	4 (100)
MAV-440H2	40 (30)	367 (112)	132 (30)	17 (430)	49 (1240)	924 (420)	4 (100)
MAV-660H2	60 (45)	443 (135)	264 (60)	21 (540)	60 (1524)	1227 (557)	6 (150)

*This pump is made of CD4MCu corrosion resistant stainless steel

MAVERICK ™ series

HIGH-HEAD CAPACITY PUMPS

These models are designed to meet high-capacity and high-head requirements in specific applications.

Maximum capacity:
Up to 960 m³/h

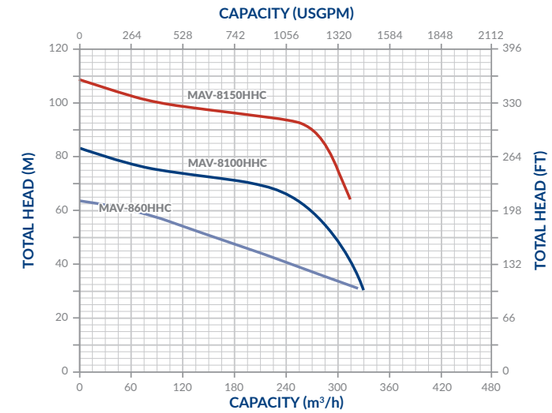
Maximum pressure:
Up to 110 m TDH

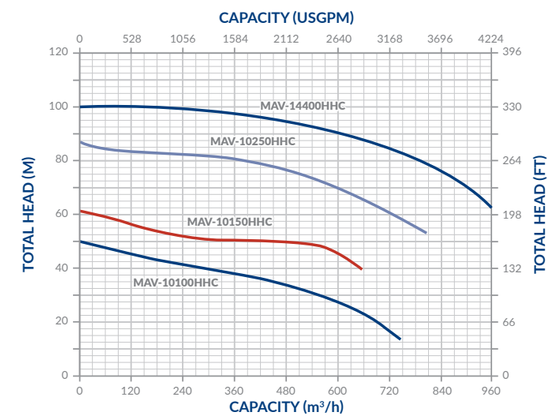
Designed for solid concentration:
Up to 5%

Victaulic discharge connections:
From 8" up to 10"

Rating:
50 HP up to 400 HP

MAV-10250HHC





APPLICATIONS

Open pit mine dewatering, tunnel and caisson dewatering, narrow trenches, manholes, pit and sump dewatering.

SPECIFICATIONS

PUMP MODELS	PUMP PERFORMANCE			PUMP DIMENSIONS			
	MOTOR OUTPUT [HP - (KW)]	TOTAL HEAD [FT - (M)]	CAPACITY [USGPM - (m³ /h)]	PUMP DIAMETER [INCH - (MM)]	HEIGHT [INCH - (MM)]	WEIGHT [LBS - (KG)]	VICTAULIC DISCHARGE DIAMETER [INCH - (MM)]
MAV-860HHC	60 (45)	131 (40)	1056 (240)	21 (540)	52 (1315)	1122 (510)	8 (200)
MAV-8100HHC	100 (75)	197 (60)	1188 (270)	23 (593)	61 (1550)	2134 (970)	8 (200)
MAV-10100HHC	100 (75)	108 (33)	2218 (504)	27 (680)	63 (1590)	2134 (970)	10 (250)
MAV-8150HHC	150 (110)	295 (90)	1188 (270)	23 (593)	61 (1550)	2376 (1080)	8 (200)
MAV-10150HHC	150 (110)	164 (50)	2218 (504)	27 (680)	63 (1590)	2200 (1000)	10 (250)
MAV-10250HHC	250 (185)	230 (70)	2640 (600)	29 (735)	75 (1900)	3190 (1450)	10 (250)
MAV-14400HHC	400 (300)	230 (70)	3960 (900)	40 (1022)	109 (2758)	9900 (4500)	14 (350)

MAVERICK ™ series

HIGH CAPACITY PUMPS

Suitable for dewatering large volumes of water, easy to handle and efficient in performance

MAV-830HC

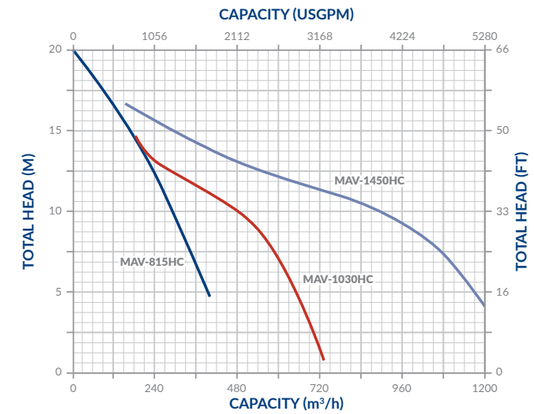
Maximum capacity:
Up to 1 200 m³/h

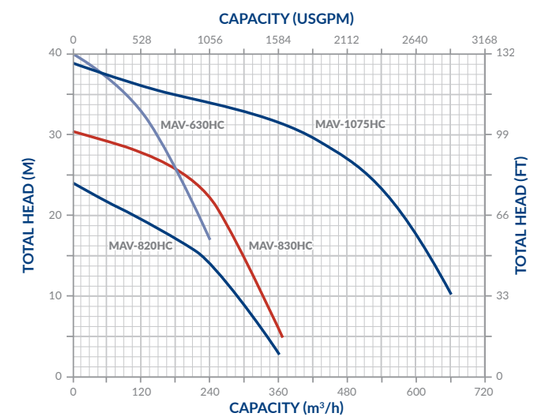
Maximum pressure:
Up to 40 m TDH

Designed for solid concentration:
Up to 5%

Victaulic discharge connections:
From 6" up to 14"

Rating:
15 HP up to 75 HP





APPLICATIONS

Drainage out of sumps, open pits, quarries, tunnels, reclaiming operations, power station constructions and waste.

SPECIFICATIONS

PUMP MODELS	PUMP PERFORMANCE			PUMP DIMENSIONS			
	MOTOR OUTPUT [HP - (KW)]	TOTAL HEAD [FT - (M)]	CAPACITY [USGPM - (m³ /h)]	PUMP DIAMETER [INCH - (MM)]	HEIGHT [INCH - (MM)]	WEIGHT [LBS - (KG)]	VICTAULIC DISCHARGE DIAMETER [INCH - (MM)]
MAV-815HC	15 (11)	33 (10)	1056 (240)	18 (455)	37 (950)	389 (177)	8 (200)
MAV-820HC	20 (15)	46 (14)	1056 (240)	18 (455)	38 (975)	499 (227)	6 (150)
MAV-630HC	30 (22)	108 (33)	528 (120)	21 (540)	44 (1130)	946 (430)	8 (200)
MAV-830HC	30 (22)	72 (22)	1056 (240)	21 (540)	46 (1160)	968 (440)	8 (200)
MAV-1030HC	30 (22)	33 (10)	2112 (480)	21 (540)	43 (1085)	968 (440)	10 (250)
MAV-1450HC	50 (37)	33 (10)	3696 (840)	26 (670)	58 (1474)	1540 (700)	14 (350)
MAV-1075HC	75 (55)	89 (27)	2112 (480)	26 (670)	56 (1435)	1606 (730)	10 (250)

MAVERICK ™ series

SUPER HIGH HEAD PUMPS

Super high head dewatering is possible with only one pump (head up to 235 m). The structure of these pumps is simple and easy to maintain.

MAV-660HH

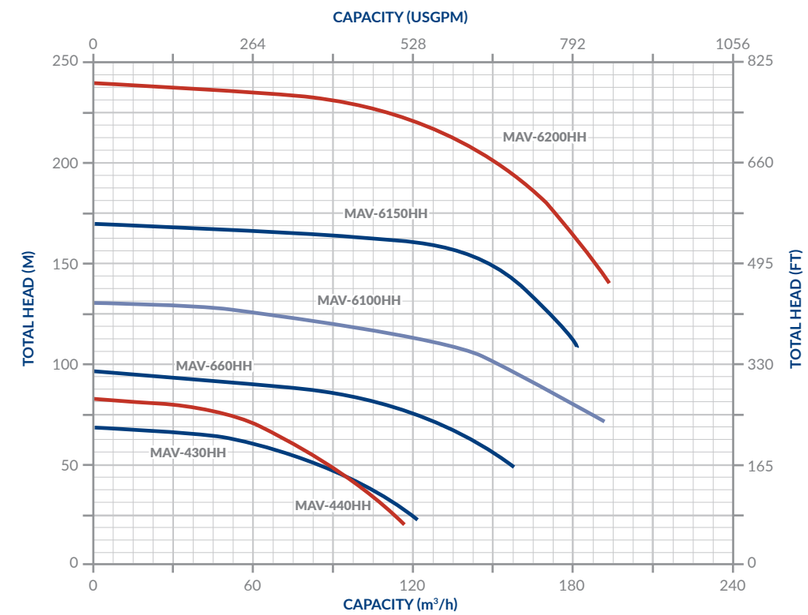
Maximum capacity:
Up to 195 m³/h

Maximum pressure:
Up to 235 m TDH

Designed for solid concentration:
Up to 5%

Victaulic discharge connections:
From 4" up to 6"

Rating:
30 HP up to 200 HP



APPLICATIONS

Drainage out of sumps, open pits, quarries, tunnels, reclaiming operations, power station constructions and waste.

SPECIFICATIONS

PUMP MODELS	PUMP PERFORMANCE			PUMP DIMENSIONS			
	MOTOR OUTPUT [HP - (KW)]	TOTAL HEAD [FT - (M)]	CAPACITY [USGPM - (m³ /h)]	PUMP DIAMETER [INCH - (MM)]	HEIGHT [INCH - (MM)]	WEIGHT [LBS - (KG)]	VICTAULIC DISCHARGE DIAMETER [INCH - (MM)]
MAV-430HH	30 (22)	197 (60)	264 (60)	18 (455)	38 (975)	616 (280)	4 (100)
MAV-440HH	40 (30)	230 (70)	264 (60)	17 (430)	44 (1130)	836 (380)	4 (100)
MAV-660HH	60 (45)	295 (90)	264 (60)	21 (540)	52 (1315)	1067 (485)	6 (150)
MAV-6100HH	100 (75)	394 (120)	396 (90)	23 (593)	61 (1550)	2156 (980)	6 (150)
MAV-6150HH	150 (110)	525 (160)	528 (120)	23 (593)	61 (1550)	2376 (1080)	6 (150)
MAV-6200HH	200 (150)	656 (200)	660 (150)	22 (560)	69 (1760)	2750 (1250)	6 (150)

MAVERICK ™ series

STAINLESS STEEL PUMPS

Every part likely to come into contact with liquid is made of non-corrosive material. Packing is made of fluoric rubber that is highly resistant to chemicals and heat. These submersible pumps have been developed to meet industry requirements for handling chemicals, metal or mine water.

MAV-410SS

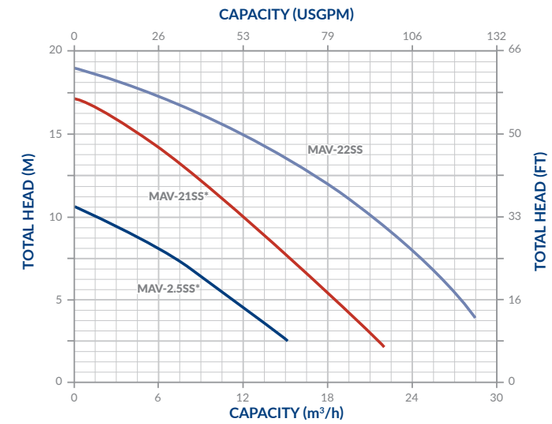
Maximum capacity:
Up to 100 m³/h

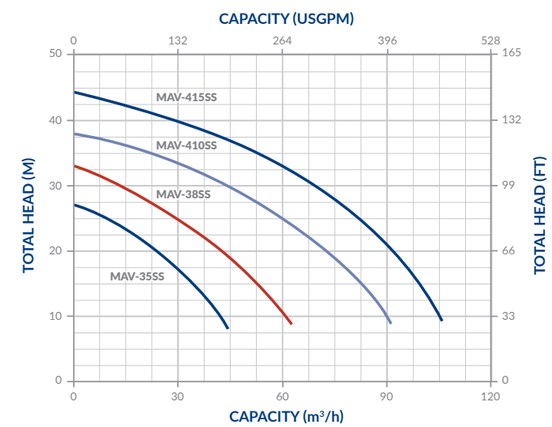
Maximum pressure:
Up to 45 m TDH

Designed for solid concentration:
Up to 5%

Victaulic discharge connections:
From 2" up to 4"

Rating:
0.5 HP up to 15 HP





APPLICATIONS

Easily withstand corrosive liquid in mine water and paper mills.

SPECIFICATIONS

PUMP MODELS	PUMP PERFORMANCE			PUMP DIMENSIONS			
	MOTOR OUTPUT [HP - (KW)]	TOTAL HEAD [FT - (M)]	CAPACITY [USGPM - (m³/h)]	PUMP DIAMETER [INCH - (MM)]	HEIGHT [INCH - (MM)]	WEIGHT [LBS - (KG)]	VICTAULIC DISCHARGE DIAMETER [INCH - (MM)]
MAV-2.5SS*	0.5 (0.4)	26 (8)	26 (6)	10 (250)	16 (398)	51 (23)	2 (50)
MAV-21SS*	1 (0.8)	33 (10)	53 (12)	10 (250)	16 (398)	53 (24)	2 (50)
MAV-22SS	2 (1.5)	49 (15)	53 (12)	8 (200)	19 (470)	81 (37)	2 (50)
MAV-35SS	5 (3.7)	56 (17)	132 (30)	12 (304)	25 (625)	202 (92)	3 (80)
MAV-38SS	8 (5.5)	82 (25)	132 (30)	12 (304)	25 (625)	216 (98)	3 (80)
MAV-410SS	10 (7.5)	82 (25)	264 (60)	14 (350)	28 (700)	279 (127)	4 (100)
MAV-415SS	15 (11)	108 (33)	264 (60)	14 (350)	29 (735)	301 (137)	4 (100)

*Single phase 115v

SUBMERSIBLE AGITATOR SLUDGE PUMPS

RIPTIDE™ series

SUBMERSIBLE AGITATOR PUMPS

Maximum capacity:
Up to 960 m^3/h

Maximum pressure:
Up to 40 m TDH

Designed for solid concentration:
Up to 40%

Victaulic discharge connections:
Up to 12"

Rating:
3 HP up to 150 HP

The Riptide™ Series consists of sturdy submersible agitator pumps. Whether for use in an underground mine or during dredging operations, RIP pumps combine sturdiness and reliability for efficient cleaning of sumps. The wear parts are made of high chromium for improved durability and extended service life. They are designed with a wider space between the impeller vanes for easier movement of water with a high concentration of solids. All models come with integrated thermal protectors and can pump up to 40% solids per weight and ensure a pressure up to 40 m TDH. The capacity of RIP pumps ranges from 3 up to 150 HP.

*Csa approved

RIPTIDE ™ series

AGITATOR PUMPS AND VORTEX AGITATOR PUMPS

Efficient in stirring up with an agitator and pumping sand and gravel.

Maximum capacity:
Up to 330 m³/h

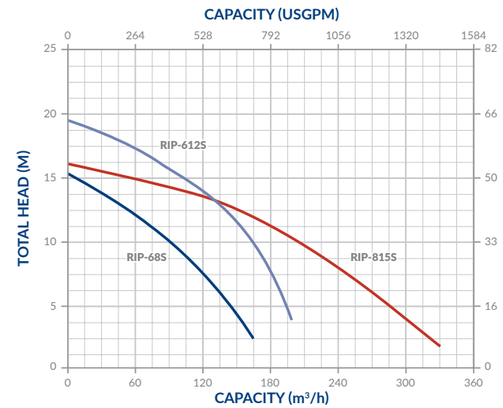
Maximum pressure:
Up to 25 m TDH

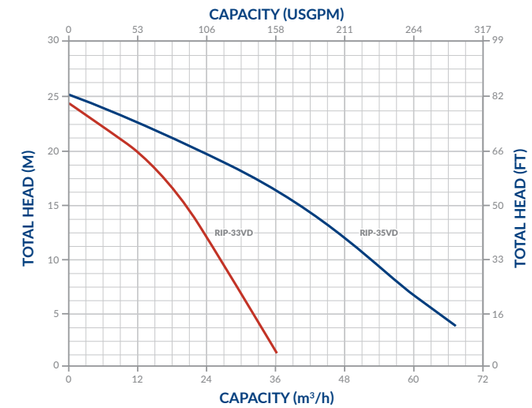
Designed for solid concentration:
Up to 20%

Victaulic discharge connections:
From 3" up to 8"

Rating:
3 HP up to 15 HP

RIP-35VD





APPLICATIONS

Drainage out of pit, mining and dredging work.

SPECIFICATIONS - AGITATOR PUMPS

PUMP MODELS	PUMP PERFORMANCE				PUMP DIMENSIONS			
	MOTOR OUTPUT [HP - (KW)]	TOTAL HEAD [FT - (M)]	CAPACITY [USGPM - (m³/h)]	MAX SOLID THROUGH [INCH - (MM)]	PUMP DIAMETER [INCH - (MM)]	HEIGHT [INCH - (MM)]	WEIGHT [LBS - (KG)]	VICTAULIC DISCHARGE DIAMETER [INCH - (MM)]
RIP-68S	8 (5.5)	33 (10)	396 (90)	0.8 (20)	18 (455)	30 (750)	273 (124)	6 (150)
RIP-612S	12 (9)	46 (14)	528 (120)	0.8 (20)	22 (560)	32 (825)	396 (180)	6 (150)
RIP-815S	15 (11)	26 (8)	1056 (240)	0.8 (20)	22 (560)	33 (835)	440 (200)	8 (200)

SPECIFICATIONS - VORTEX AGITATOR PUMPS

PUMP MODELS	PUMP PERFORMANCE				PUMP DIMENSIONS			
	MOTOR OUTPUT [HP - (KW)]	TOTAL HEAD [FT - (M)]	CAPACITY [USGPM - (m³/h)]	MAX SOLID THROUGH [INCH - (MM)]	PUMP DIAMETER [INCH - (MM)]	HEIGHT [INCH - (MM)]	WEIGHT [LBS - (KG)]	VICTAULIC DISCHARGE DIAMETER [INCH - (MM)]
RIP-33VD	3 (2.2)	33 (10)	106 (24)	0.5 (13)	12 (304)	22 (560)	64 (29)	3 (80)
RIP-35VD	5 (3.7)	49 (15)	132 (30)	0.5 (13)	13 (328)	30 (750)	99 (45)	3 (80)

RIPTIDE ™ series

HEAVY DUTY AGITATOR SAND PUMPS

These pumps are fitted with an agitator and designed for extensive and strong stirring applications.

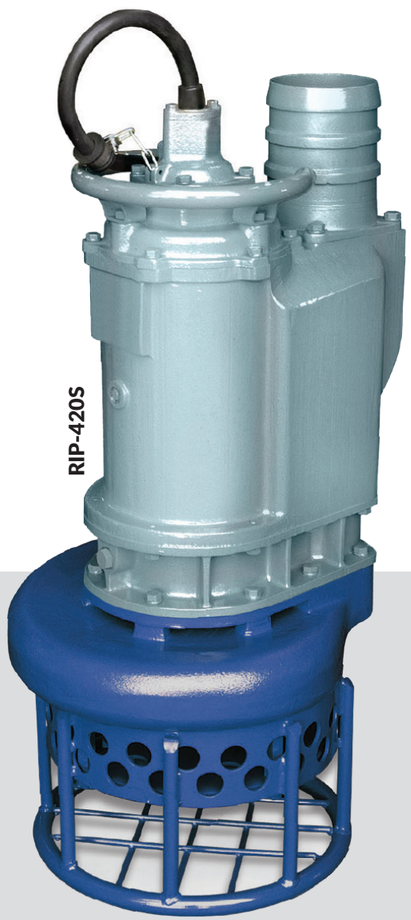
Maximum capacity:
Up to 360 m³/h

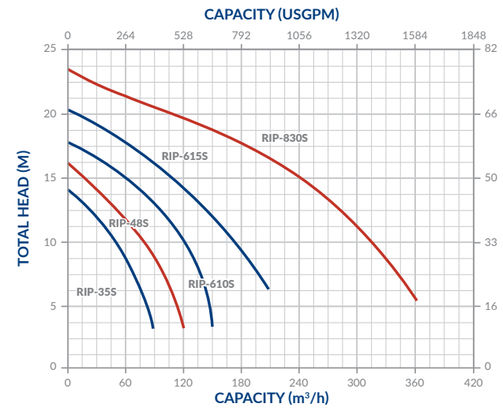
Maximum pressure:
Up to 40 m TDH

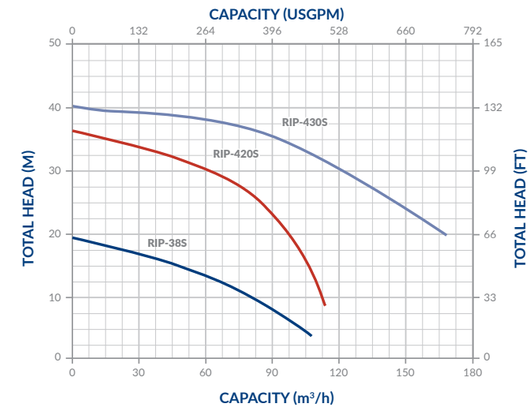
Designed for solid concentration:
Up to 40%

Victaulic discharge connections:
From 3" up to 8"

Rating:
5 HP up to 30 HP







APPLICATIONS

Underground sump, sedimentation basin dredging, pumping and drainage of liquid with solids.

SPECIFICATIONS

PUMP MODELS	PUMP PERFORMANCE				PUMP DIMENSIONS			
	MOTOR OUTPUT [HP - (KW)]	TOTAL HEAD [FT - (M)]	CAPACITY [USGPM - (m³/h)]	MAX SOLID THROUGH [INCH - (MM)]	PUMP DIAMETER [INCH - (MM)]	HEIGHT [INCH - (MM)]	WEIGHT [LBS - (KG)]	VICTAULIC DISCHARGE DIAMETER [INCH - (MM)]
RIP-35S	5 (3.7)	33 (10)	211 (48)	0.9 (22)	16 (398)	32 (825)	242 (110)	3 (80)
RIP-38S	8 (5.5)	49 (15)	211 (48)	0.9 (22)	16 (398)	32 (825)	262 (119)	3 (80)
RIP-48S	8 (5.5)	33 (10)	343 (78)	1 (25)	16 (398)	32 (825)	262 (119)	4 (100)
RIP-610S	10 (7.5)	33 (10)	528 (120)	1.4 (35)	21 (540)	33 (835)	440 (200)	6 (150)
RIP-615S	15 (11)	46 (14)	528 (120)	1.4 (35)	21 (540)	40 (1022)	528 (240)	6 (150)
RIP-420S	20 (15)	88 (27)	343 (78)	0.7 (18)	21 (540)	51 (1300)	770 (350)	4 (100)
RIP-430S	30 (22)	115 (35)	396 (90)	0.7 (18)	21 (540)	53 (1350)	924 (420)	4 (100)
RIP-830S	30 (22)	49 (15)	1056 (240)	1.6 (40)	25 (625)	46 (1160)	781 (355)	8 (200)

RIPTIDE ™ series

SUPER HEAVY DUTY AGITATOR SAND PUMPS

These slurry pumps can handle hard solids (up to 80 mm for large models). They are an excellent choice for dredging, mining as well as sand and gravel removal work.

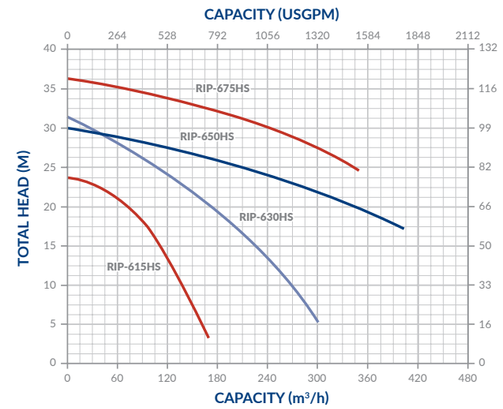
Maximum capacity:
Up to 960 m³/h

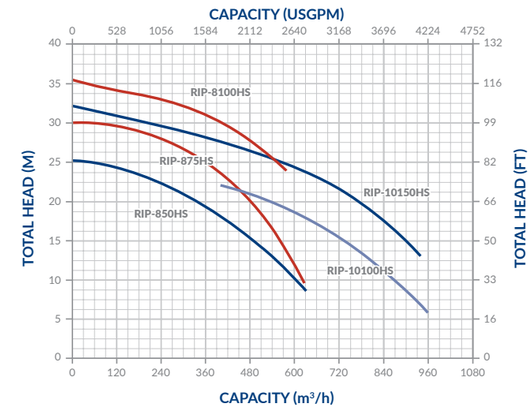
Maximum pressure:
Up to 36 m TDH

Designed for solid concentration:
Up to 40%

Victaulic discharge connections:
From 6" up to 10"

Rating:
15 HP up to 150 HP





APPLICATIONS

Removal of water or slurry out of trenches, agitation and pumping soil water. Pumping and dredging of liquid with solids.

SPECIFICATIONS

PUMP MODELS	PUMP PERFORMANCE				PUMP DIMENSIONS			
	MOTOR OUTPUT [HP - (KW)]	TOTAL HEAD [FT - (M)]	CAPACITY [USGPM - (m³/h]	MAX SOLID THROUGH [INCH - (MM)]	PUMP DIAMETER [INCH - (MM)]	HEIGHT [INCH - (MM)]	WEIGHT [LBS - (KG)]	VICTAULIC DISCHARGE DIAMETER [INCH - (MM)]
RIP-615HS	15 (11)	56 (17)	528 (120)	1.4 (35)	19 (470)	40 (1022)	528 (240)	6 (150)
RIP-630HS	30 (22)	59 (18)	845 (192)	1.6 (40)	33 (835)	53 (1350)	1562 (710)	6 (150)
RIP-650HS	50 (37)	82 (25)	845 (192)	2.4 (60)	37 (950)	63 (1590)	2046 (930)	6 (150)
RIP-850HS	50 (37)	62 (19)	1584 (360)	2.4 (60)	42 (1055)	63 (1590)	2145 (975)	8 (200)
RIP-675HS	75 (55)	102 (31)	845 (192)	2.4 (60)	37 (950)	66 (1675)	2167 (985)	6 (150)
RIP-875HS	75 (55)	82 (25)	1584 (360)	2.4 (60)	42 (1055)	66 (1675)	2365 (1075)	8 (200)
RIP-8100HS	100 (75)	102 (31)	1584 (360)	2.4 (60)	47 (1195)	74 (1890)	N/A	8 (200)
RIP-10100HS	100 (75)	49 (15)	3168 (720)	3 (80)	48 (1230)	80 (2020)	N/A	10 (250)
RIP-10150HS	150 (110)	72 (22)	3168 (720)	3 (80)	48 (1230)	81 (2050)	N/A	10 (250)

Also available with aluminum parts and accessories

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