UPV

Pumping unit at variable speed
Self-priming multi-stage pumps

ELECTRICAL DATA AND PERFORMANCES

Electrical data

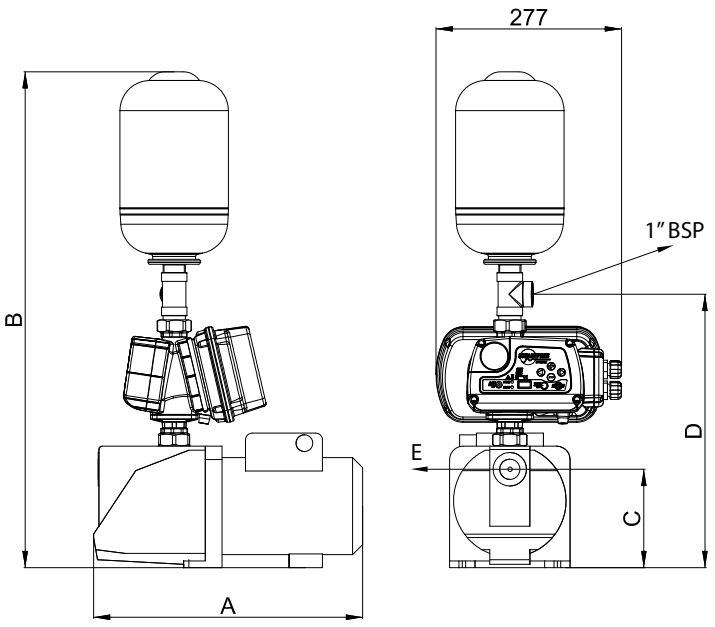
Model UPV		Unit			
Power Supply		pump model	Rated power (kW)	Absorption (A)	
1 x 230V	3 x 400V	JET	P2	1 x 230V	3 x 400V
UPV 45/80M	UPV 45/80T	JSW 12M	0.9 Kw	5,7	2,6
UPV 55/120M	UPV 55/120T	JSW 3BM	1.5 Kw	9,3	4,2
UPV 55/160M	UPV 55/160T	JSW 3AL	2.2 Kw	13,1	5,2

Performance Data

Flow Rate Q									
m3/h	0	0,6	1,2	1,8	2,4	3,6	4,8	7,2	9,6
l/min	0	10	20	30	40	60	80	120	160
Head H = m	50	46	42	39	36	31	27	-	-
	60	58	54	51	47	42	37	26	-
	62	60	57	55	53	49	45	35	29

Q = Flow H = Total manometric head

DIMENSIONS



Mod pump	A	B	C	D	E	Weight
	mm	mm	mm	mm	BSP	Kg
JSW 12M	402	741	147	409	1"	19
JSW 3BM	530	767	165	434,5	1"1/4	30
JSW 3AL	530	767	165	434,5	1"1/4	31

UPV variable speed pumping units, single phase / three phase

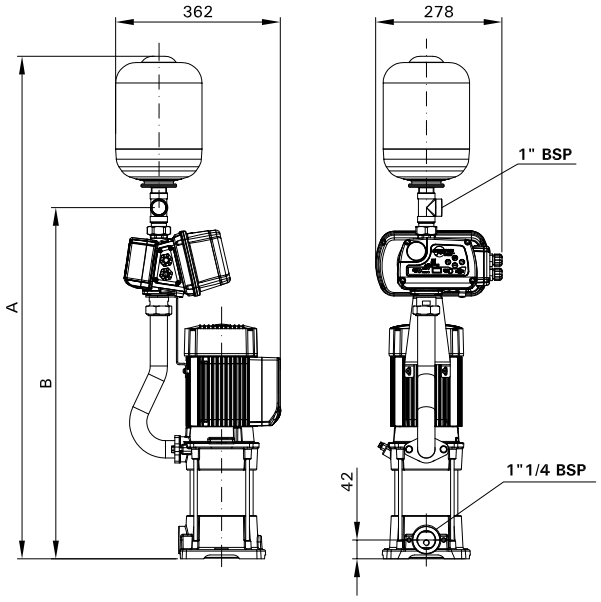
ELECTRICAL DATA AND PERFORMANCES

Electrical data | **Performance Data**

Model UPV		Unit				Flow rate Q											
Power Supply		pump model	Rated power (kW)	Absorption (A)		mc/h	0	0,6	1,2	2,4	3,6	4,8	6	7,2	8,4	9,6	10,8
1 x 230V	3 x 400V	-	P2	1 x 230V	3 x 400V	l/min	0	10	20	40	60	80	100	120	140	160	180
UPV 50/80M	UPV 50/80T	MK 3/4	0,75	5,0	2,0	Head H = m	50,0	49,0	47,0	42,5	35,0	25,0	-	-	-	-	-
UPV 60/80M	UPV 60/80T	MK 3/5	0,75	6,0	2,4		62,0	60,0	58,5	52,5	43,5	30,0	-	-	-	-	-
UPV 75/80M	UPV 75/80T	MK 3/6	1,1	6,5	2,8		75,0	73,0	70,0	62,5	51,5	36,0	-	-	-	-	-
UPV 85/80M	UPV 85/80T	MK 3/7	1,1	7,0	3,0		88,0	85,0	81,5	73,0	59,5	42,0	-	-	-	-	-
UPV 100/80M	UPV 100/80T	MK 3/8	1,5	9,0	3,2		100,0	98,0	94,0	85,0	70,5	50,0	-	-	-	-	-
UPV 50/120M	UPV 50/120T	MK 5/4	1,1	6,5	2,8		53,0	-	51,0	48,0	45,0	40,0	29,0	18,0	-	-	-
UPV 65/120M	UPV 65/120T	MK 5/5	1,5	8,5	3,0		67,0	-	64,0	61,0	57,5	51,0	38,5	25,0	-	-	-
UPV 75/120M	UPV 75/120T	MK 5/6	1,8	9,5	3,5		80,0	-	77,0	74,0	70,0	61,0	46,0	30,0	-	-	-
UPV 85/120M	UPV 85/120T	MK 5/7	2,2	10,5	4,5		87,0	-	84,0	80,0	75,0	64,5	48,5	33,0	-	-	-
UPV 100/120M	UPV 100/120T	MK 5/8	2,2	11,5	5,0		103,0	-	99,0	93,0	85,0	74,5	55,5	36,0	-	-	-
UPV 55/180M	UPV 55/180T	MK 8/4	1,5	8,5	3,0		56,0	-	-	54,0	52,0	50,0	43,0	35,0	27,0	18,0	7,0
UPV 70/180M	UPV 70/180T	MK 8/5	1,8	9,5	3,5		70,0	-	-	67,5	66,0	63,0	55,0	46,0	36,0	24,0	10,0
UPV 85/180M	UPV 85/180T	MK 8/6	2,2	11,5	5,0		86,0	-	-	82,0	78,0	74,0	65,0	54,0	42,0	29,0	12,0

Q = Flow H = Total manometric head

DIMENSIONS



Mod pump	A	B	Exp. Vessel	Weight
	mm	mm	l	Kg
MK 3/4	1057	725	5	23
MK 3/5	1081	749	5	24
MK 3/6	1105	773	5	25
MK 3/7	1129	797	5	25
MK 3/8	1153	821	5	26
MK 5/4	1058	725	8	26
MK 5/5	1082	749	8	28
MK 5/6	1106	773	8	29
MK 5/7	1130	797	8	31
MK 5/8	1154	821	8	33
MK 8/4	1058	725	8	31
MK 8/5	1082	749	8	32
MK 8/6	1106	773	8	34

UPV variable speed pumping units, single phase / three phase

ELECTRICAL DATA AND PERFORMANCES

Electrical data

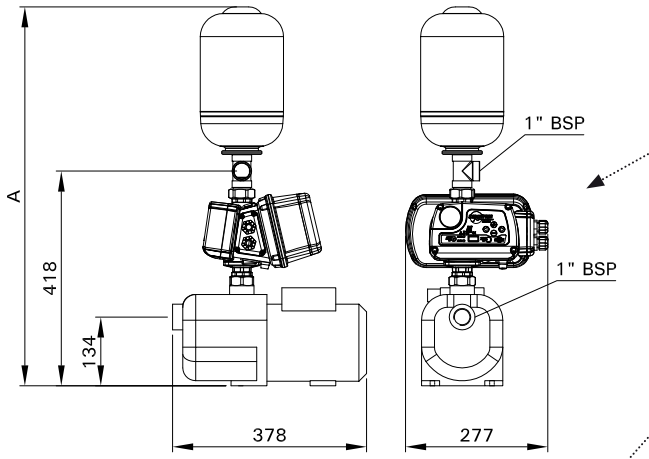
Model UPV		Unit			
Power Supply		pump model	Rated power (kW)	Absorption (A)	
1 x 230V	**3 x 400V**	**PluriJet**	**P2**	**1 x 230V**	**3 x 400V**
UPV 40/130M	**UPV 40/130T**	PLJ 4/100	0,75	6,0	2,6
UPV 60/130M-OS	**UPV 60/130T-OS**	PLJ 4/100 OS	1.1 Kw	9,0	3,9
UPV 80/80M	**UPV 80/80T**	PLJ 5/90	1.1 Kw	8,5	3,3
UPV 45/130M	**UPV 45/130T**	PLJ 3/130	1.1 Kw	8,5	3,3
UPV 90/80M	**UPV 90/80T**	PLJ 6/90	1.5 Kw	10,5	4,7
UPV 65/130M	**UPV 65/130T**	PLJ 4/130	1.5 Kw	10,5	4,9
UPV 80/130M	**UPV 80/130T**	PLJ 5/130	1.8 Kw	11,4	5
UPV 95/130M	**UPV 95/130T**	PLJ 6/130	2.2 Kw	13,7	6
UPV 45/200M	**UPV 45/200T**	PLJ 3/200	1.1 Kw	8,5	3,3
UPV 60/200M	**UPV 60/200T**	PLJ 4/200	1.5 Kw	10,5	4,7
UPV 75/200M	**UPV 75/200T**	PLJ 5/200	1.8 Kw	11,4	5
UPV 85/200M	**UPV 85/200T**	PLJ 6/200	2.2 Kw	13,7	6

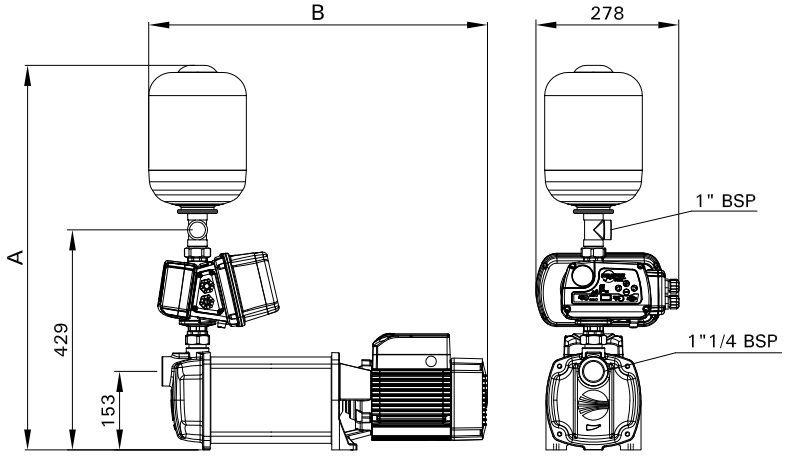
Performance Data

Flow rate Q												
mc/h	0,0	0,3	0,6	1,2	2,4	3,6	4,8	6,0	7,8	9,6	10,8	12,0
l/min	**0**	**5**	**10**	**20**	**40**	**60**	**80**	**100**	**130**	**160**	**180**	**200**
Head H = m	46,0	45,0	44,0	42,0	38,0	33,0	26,0	16,0	1,0	-	-	-
	57,5	56,5	55,0	53,0	48,0	44,0	36,0	27,0	11,0	-	-	-
	76,0	76,0	73,5	70,0	60,5	47,0	33,0	-	-	-	-	-
	49,0	49,0	48,5	47,5	45,0	42,5	38,5	31,0	20,0	-	-	-
	93,0	93,0	90,5	86,0	74,5	59,5	43,0	-	-	-	-	-
	65,0	65,0	64,0	63,0	60,0	56,0	50,0	41,0	27,0	-	-	-
	81,0	81,0	80,5	79,0	75,0	70,0	62,5	52,0	35,0	-	-	-
	97,0	97,0	96,5	94,5	90,0	83,0	74,5	62,5	42,0	-	-	-
	44,0	43,5	43,5	43,0	42,0	40,5	38,0	33,0	26,0	18,0	10,0	3,0
	58,0	57,5	57,5	57,0	55,0	52,5	49,5	43,0	35,0	25,0	16,0	7,0
	73,0	72,0	71,5	71,0	69,0	65,5	62,0	55,0	45,0	33,0	22,0	12,0
	87,0	86,0	85,5	85,0	82,0	78,0	73,0	65,0	54,0	40,0	28,0	16,0

Q = Flow H = Total manometric head

DIMENSIONS





Mod pump PluriJet	A	B	Exp. Vessel	Weight
	mm	mm	l	Kg
PLJ 4/100	734	-	5	18,2
PLJ 4/100 OS	741	-	8	18,2
PLJ 5/90	742	654	5	30,3
PLJ 6/90	742	685	5	33,3
PLJ 3/130	749	597	8	28,4
PLJ 4/130	749	628	8	31,4
PLJ 5/130	749	660	8	33,4
PLJ 6/130	749	691	8	34,3
PLJ 3/200	749	597	8	28,4
PLJ 4/200	749	628	8	31,4
PLJ 5/200	749	660	8	33,4
PLJ 6/200	749	691	8	34,3