

**Pre-dimensioned
and space-saving**

**Available in stock,
short time delivery**

**Only one article number
is required!**



SHUNTOMATIC® ordering guide

Standardized shunt units for cooling and heating

TTM Shuntomatic® is a wide range of Swedish-made shunt units that are fully pre-dimensioned for plug-and-play installation. The shunt units are designed with a pressure-independent control valve (PICV) which always provides correct regulation even if system pressure changes.

The shunt units are rotatable and equipped with wall brackets. Thanks to its low weight TTM Shuntomatic® MINI can be suspended in the existing piping.

TTM Shuntomatic® shunt units are environmentally assessed.

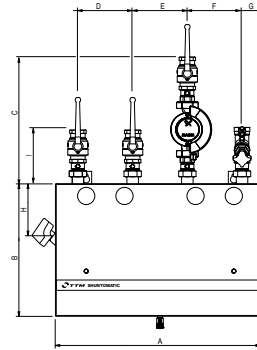
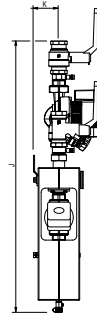
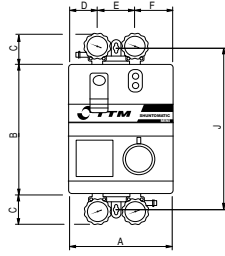
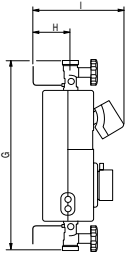


SHUNTOMATIC®
All in one shunt

Ordering guide on next page ▶

TTM Energiprodukter AB

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Dimensions:
TTM Shuntomatic® DN15 – DN50

Dimensions: TTM Shuntomatic® MINI

Model	MINI	DN15 LF	DN15 HF	DN25	DN32	DN50
A	273	480	480	480	750	845
B	360	340	340	340	485	610
C	85	180 + pump	180 + pump	180 + pump	285 + pump	305 + pump
D	73	120	120	120	200	225
E	100	120	120	120	200	240
F	100	120	120	120	200	225
G	530	60	60	60	75	85
H	90	100	100	100	182	210
I	275	<180	<180	<180	<200	<245
J	470 c/c wall mount	580 + pump	580 + pump	580 + pump	800 + pump	980 + pump
K	-	93	93	93	93	112
Weigh. appr. kg	8.5	17	17	17	50	60

Max. pressure: 1.0 MPa and temperature range: +5 - +110 °C.

Dimensions refer to the standard version. Some variations may occur with other equipment. All dimensions are in mm.

Shunt unit Heating	Connection internal (mm)	Flow range				Min. avail. pressure (kPa)		Max. load pressure drop sec (kPa)		Max. effect (kW) at ΔT 30°C (kPa)	Pump option (kW)	Power (W)	Rated current (A)	Voltage (V)	Art. no.
		l/s		l/h		min	max	min	max						
V MINI 1	Ø25	0.010	0.017	35	60	17.0	20.0	50	47	1.2 – 2.1	Standard	40	0.4	1x230	513360
											Communication*	85	0.8	1x230	513377
V MINI 2	Ø25	0.017	0.031	60	110	17.0	20.0	53	50	2.1 – 3.8	Standard	40	0.4	1x230	513384
											Communication*	85	0.8	1x230	513391
V MINI 3	Ø25	0.028	0.050	100	180	17.0	21.0	55	52	3.5 – 6.3	Standard	40	0.4	1x230	513407
											Communication*	85	0.8	1x230	513414
V MINI 4	Ø25	0.050	0.106	180	380	18.0	22.5	54	51	6.3 – 13	Standard	40	0.4	1x230	513421
											Communication*	85	0.8	1x230	513438
V MINI 5	Ø25	0.106	0.236	380	850	20.0	25.5	52	49	13 – 30	Standard	40	0.4	1x230	513445
											Communication*	85	0.8	1x230	513452
V MINI 6	Ø25	0.192	0.369	690	1330	20.0	25.5	52	49	24 – 46	Standard	40	0.4	1x230	513469
											Communication*	85	0.8	1x230	513476
Shuntomatic® V	DN15LF	0.008	0.056	30	200	15.0	16.0	52	45	1.0 – 7.0	Standard	40	0.4	1x230	516699
											Communication*	100	1	1x230	516705
Shuntomatic® V	DN15HF	0.028	0.160	100	575	15.0	19.5	52	43	3.5 – 20	Standard	40	0.4	1x230	517023
											Communication*	100	1	1x230	516712
Shuntomatic® V	DN25	0.078	0.347	280	1250	15.5	25.5	52	36	10 – 44	Standard	40	0.4	1x230	516729
											Communication*	100	1	1x230	516736
Shuntomatic® V	DN32	0.222	0.986	800	3550	18.5	29.5	68	55	28 – 124	Standard	120	1	1x230	516941
											Communication*	120	1	1x230	516958
Shuntomatic® V	DN50	0.625	2.639	2250	9500	10.5	29.5	110	42	78 – 331	Standard	305	1.3	1x230	516965
											Communication*	305	1.3	1x230	516972

Shunt unit Cooling	Connection internal (mm)	Flow range				Min. avail. pressure (kPa)		Max. load pressure drop sec (kPa)		Max. effect (kW) at ΔT 5°C (kPa)	Pump option (kW)	Power (W)	Rated current (A)	Voltage (V)	Art. no.
		l/s		l/h		min	max	min	max						
Shuntomatic® K	DN15LF	0.008	0.056	30	200	15.0	16.0	52	45	0.2 – 1.2	Standard	40	0.4	1x230	516743
											Communication*	100	1	1x230	516750
Shuntomatic® K	DN15HF	0.028	0.160	100	575	15.0	19.5	52	43	0.6 – 3.3	Standard	40	0.4	1x230	516767
											Communication*	100	1	1x230	516774
Shuntomatic® K	DN25	0.078	0.347	280	1250	15.5	25.5	52	35	1.6 – 7.3	Standard	40	0.4	1x230	516781
											Communication*	100	1	1x230	516798
Shuntomatic® K	DN32	0.222	0.986	800	3550	18.5	29.5	68	54	4.6 – 21	Standard	120	1	1x230	516989
											Communication*	120	1	1x230	516996
Shuntomatic® K	DN50	0.625	2.639	2250	9500	10.5	29.5	110	41	13 – 55	Standard	305	1.3	1x230	517009
											Communication*	305	1.3	1x230	517016

TTM Shuntomatic® is dimensioned for fresh water.

*) Prepared for start, stop and alarm. DN32 and DN50 also have operation indication.

Option	Art. no.
Floor stand	506195

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