

# 01 Universal water and oil temperature control units up to 90°C/150°C

Product	Unit	TT-180	TT-181	TT-188	TT-168 E   H
<b>Temperature range</b>					
Water	°C	90	90	90	90
Oil	°C	150	150	150	150
<b>Heat transfer medium</b>					
		water/oil	water/oil	water/oil	water/oil
Filling amount max.	l	7	7	7	20
<b>Heating capacity</b>					
Water	kW	9	9	9	12
Oil	kW	3	3	3	6
<b>Cooling system</b> indirect					
<b>Tubular heat exchanger</b>					
	kW	35	35	35	45
at flow temperature	°C	90	90	90	90
<b>Pump system</b> see diagram					
<b>Typ E:</b> 60 l/min; max. 4.0 bar; motor 0.75 kW		●	●	●	●
<b>Typ H:</b> 60 l/min; max. 7.0 bar; motor 1.50 kW					●
Suction capacity vacuum	mWS	-	8	8	8
<b>Controller</b> MP-888					
Temperature sensor					FeKo Type J
<b>Connections</b>					
Medium		1/2" BS	1/2" BS	1/2" BS	1/2" BS
Cooling water		3/8" BS	3/8" BS	3/8" BS	3/8" BS
<b>Dimensions</b> incl. castors LxWxH					
	mm	670x260x650	670x260x650	670x260x650	710x325x785
<b>Weight</b> empty approx.					
	kg	55	55	55	67
<b>Colour</b> silver grey RAL 7001					

<b>Functions</b>					
Flow control		-	-	●	●
Leakstopper device		-	●	●	●
Mould drain		-	●	●	●
Temperature regulation at the consumer		-	-	-	●
Time-limited water refill		-	-	-	●
Interface controller		-	-	○	○
Automatic refill		●	●	●	●
Level control		●	●	●	●
Visual fault indications		●	●	●	●
Acoustic warning		●	●	●	●
Pressure regulation		-	-	-	-

● standard

○ optional

- not possible