



compact integrated system

hi flow
COMPACT INTEGRATED SYSTEM

what is Hiflow

HT HIFLOW is an integrated and compact heating system, ideal for satisfying and solving constant temperature control.

This innovative system is regarded as pioneer for a new concept for managing the temperature in thermoregulating machines.

The entire range of HIFLOW systems considers application in various industrial fields where thermoregulation is requested through oil and water.



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The cartridge heater is never in contact with water/oil but heats an aluminium or inox heat sink, that allows a lower working temperature than the traditional system.

The oil will last longer as no oil degradation will occur with less waste storage.

Start-up phase and temperature rise are greatly shortened with respect to the traditional system and therefore energetic consumption is also reduced.

lower temperatures
at the
surface

advantages



fast
start-up



no oil
cracking



very high precision
& stability



reduced
oil volume



high power
in small size

technical data

option description	monoflow	biflow	triflow
application guidelines			
oil	up to 300°C	up to 300°C	up to 200°C
oil High Performance	up to 350°C	up to 350°C	/
water	up to 200°C	up to 200°C	up to 180°C
power			
oil	up to 36 KW	up to 36 KW	up to 12 KW
oil High Performance	up to 36 KW	up to 36 KW	up to 12 KW
water	up to 36 KW	up to 36 KW	up to 12 KW
flow rating			
	up to 200 L/MIN	up to 150 L/MIN	up to 70 L/MIN
in/out pipe bspp*			
	1 or 1 1/4	3/4 or 1	1/2 or 3/4
controls			
thermocouples J	yes	yes	yes
PT100 sensor	yes	yes	yes
thermostat	yes	yes	yes

* other executions on request.



HT Spa - Via Conegliano, 73/B - 31058 Susegana (TV) - Italy
DOMESTIC SALES - Tel. +39 0438 454294 - vendite@htspa.it
EXPORT SALES - Tel. +39 0438 454290 - sales@htspa.it
Fax +39 0438 62788

www.htspa.it

HT Heizelemente Deutschland GmbH
Brinkeweg 18 - 33758 Schloss Holte-Stukenbrock
Tel: +49 5207 99 12 29 0 - Fax: +49 5207 99 12 29 19
info@ht-heizelemente.de

www.ht-heizelemente.de