

## C&H Services SBU



# TACTS™ 100i

*intelligent pump with Zero moving parts*

### ■ New Compact Automatic Condensate Transfer Pump

TACTS™ 100i is the latest addition to automatic condensate pumping system. This pump will now cater to steam boilers having capacities up to 1.5 Tonnes per hour.

## Features & Benefits

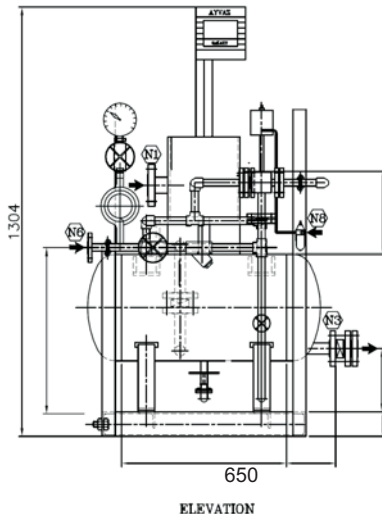
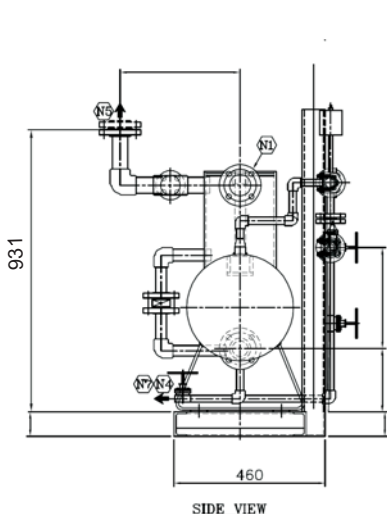
- A FIT and FORGET pump with no moving part, ensuring zero maintenance.
- Highest reliability and availability due to zero moving parts.
- High motive inlet pressure up to 10 kg/cm<sup>2</sup> of saturated steam.
- High condensate temperature return - no cavitation problem as compared to electrical pumps
- Skid mounted system - Easy to install.
- Level controller manufactured under stringent quality control to ensure safe operation.
- Weather proof IP 65 design - suitable for outdoor installations.
- A large LED display with 8 digit flow totalizer.
- Flow Totalizer designed with SMPS power supply can work with a Wide voltage between 90-270 V.



Conductivity based level controller

## Technical Specification

<b>MOC</b>	
Pump body	IS-2062 GR-B
<b>Utilities requirement</b>	
Motive Steam	2 - 10 kg/cm <sup>2</sup> g
Electricity	230 Volts, ±5% 1 phase, AC 50Hz
<b>Design specifications</b>	
Design code	ASME, BPVC Sec VIII Div 1
Design pressure - pump	11 kg/cm <sup>2</sup> g
Design temperature	187°C
Discharge volume per stroke	25 litres
Steam consumption	3 kg/1000 kg of condensate
<b>GA drawing &amp; end connection</b>	
Receiver Inlet (N1)	25 NB
Condensate outlet from pump (N3)	25 NB
Motive steam inlet (N6)	15 NB
Atmospheric vent (N5)	40 NB
Pump drain (N4)	15 NB



## Capacity chart

Total lift/back pressure (kg/cm <sup>2</sup> g)	Operating inlet motive pressure (kg/cm <sup>2</sup> g)								
	2	3	4	5	6	7	8	9	10
0.5	600	650	680						
1	550	625	640	670	700	720	740	760	775
1.5		600	620	645	665	690	720	745	750
2		570	600	625	630	650	680	700	725
3			580	600	605	625	640	670	690
4					580	600	620	640	650

Note : all figures are in litres / hr (LPH)

For more information, please get in touch with your nearest Thermax Representative. You can also mail us at [info.c&hservices@thermaxindia.com](mailto:info.c&hservices@thermaxindia.com) visit us at: [www.thermaxindia.com](http://www.thermaxindia.com)

In view of our constant endeavour to improve the quality of our products, we reserve the right to alter or change specifications without prior notice. All photographs shown in this publication are representative in purpose, and to be used for reference only. For actual details and specifications, please refer to Thermax offer document.



**THERMAX**

Sustainable Solutions in Energy & Environment

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