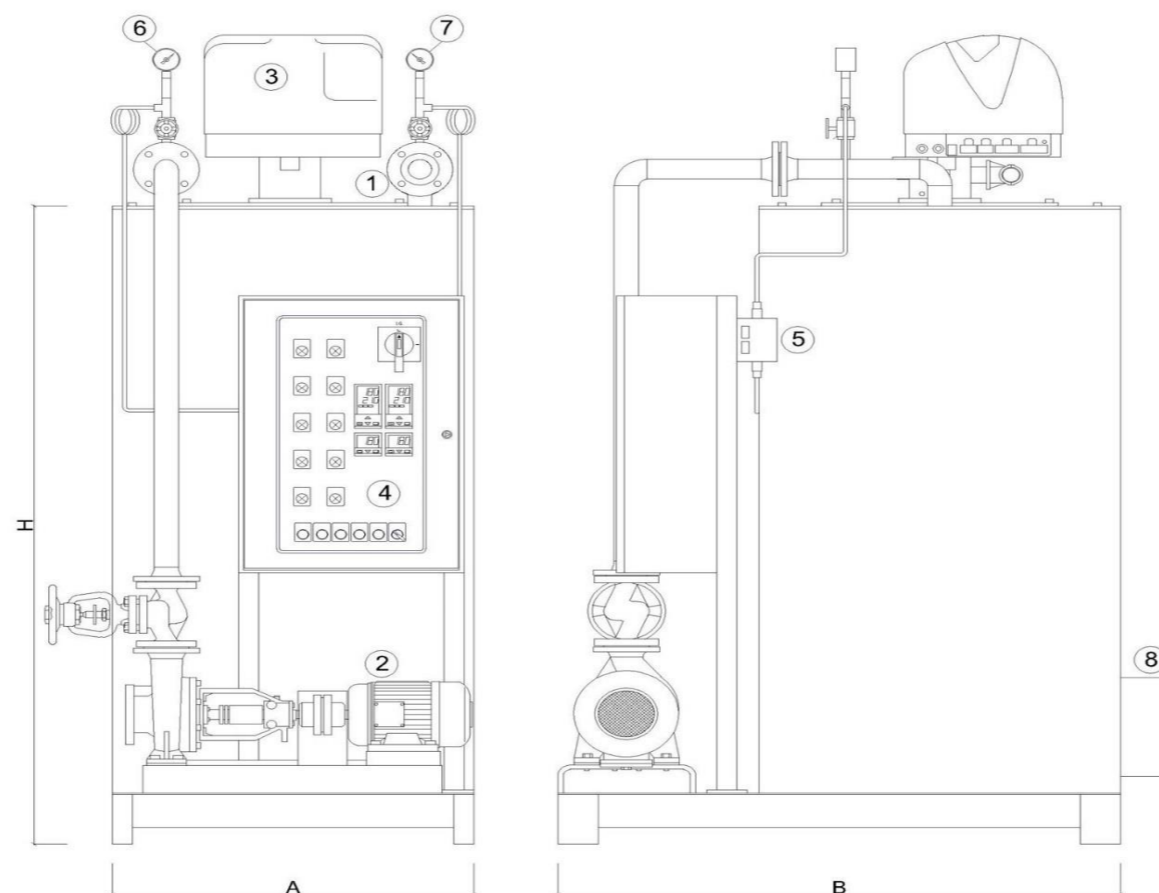


Thermal Oil Heater Vertical Model

'Economical & High Quality'



1	Oil output
2	Oil pump
3	Burner
4	Electrical Panel
5	Differential pressostat
6	Input oil gauge
7	Output oil gauge
8	Chimney

"VERTICAL" TEKNIK MODEL - Main Data														
Heat Capacity / Output	[Mcal/h]	100	200	300	400	500	600	800	1000	1200	1500	2000	2500	3000
		[kW]	116	233	349	465	582	698	930	1163	1396	1744	2326	2915
FLOW @ Δt=40K	[m³/h]	5	10	15	20	25	30	40	50	60	75	100	125	150
PRESSURE / PUMP	[bar]	3,5	5	5	5	5	5	5	5	5	5	5	5	5
Δp / HEATER	[bar]	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	2	2	2
FLANGE	[DN]	25	32	32	40	50	50	50	65	80	80	100	100	100
LENGHT B	[mm]	1300	1400	1400	1400	1600	1600	1700	1700	1800	1800	2000	2200	2200
WIDTH A	[mm]	800	900	900	900	1000	1050	1200	1200	1400	1400	1800	2000	2000
HEIGHT H (EX. BURNER)	[mm]	1500	1500	1800	2000	2100	2300	2600	2800	3000	3300	3100	3400	3600
FLUE GAS OUTLET Ø	[mm]	160	220	260	300	320	350	400	350	400	450	500	550	550
WEIGHT (EMPTY)	[kg]	700	950	1100	1250	1400	1600	2200	2400	2600	3100	3300	3500	4000
TEMPERATURES	Normal outgoing temperature of the thermal fluid from the heaters is max. 280°C. Standard design is the fluid returning 40°C lower (Δt=40K)													
PRESSURE IN SYSTEM	The system is considered as an open and atmospheric and without any pressure exposed to the expansion tank.													
THERMAL FLUID	The thermal fluid (heat transfer fluid / HTF) should preferable be of the brand ABCO NF or an equal non-fouling, non-toxid fluid type.													
APPROVAL / CERTIFICATE	The heaters design follow DIN 4754 and is thus designed for 10 bar. PED 97/23 CE applies for these heaters and is approved accordingly with CE.													

The above data are based on the economical standard TEKNIK model. Other customised models in special designs are available at: www.thermal-oil-heater.eu

Disclaimer : The above data are subject to changes without any notice and are for guidance only, without any responsibility to AB&CO