

### Advantages

- High efficiency coefficient 10000 W / m<sup>2</sup> °C, 5 or 6 times more efficiency than conventional heat exchangers.
- Compact design is 1/10 according to traditional products.
- Stainless steel and / or titanium material provides durability in corrosion and pressure factors.
- The connection design of the heat exchanger destroys the pressure on it.
- Compliance with ASME Standards VIII-1.
- Compact design.
- Easy installation and durability.

The MIT pool heat exchanger body and tubes are designed to operate at 205 °C and 1.3 MPa pressure. Body AISI 316L or titanium and tubes & connections can be selected from AISI 316L or titanium materials, depending on working conditions and chlorine content.



Model	Normal Capacity		Body Diameter (mm)	Body Length (mm)	Heat Transfer Area (m <sup>2</sup> )	Swimming Pool Capacity		Body (Pool) Inlet-Outlet Connection	Tube (Hot) Inlet-Outlet Connection
	kW	kBtu/Hr				m <sup>3</sup>	USGAL		
MIT-MS-16	16	55	60	360	0,15	18	4700	1"	3/4"
MIT-MS-25	25	85	60	520	0,25	28	7300	1"	3/4"
MIT-MS-45	45	155	76	450	0,33	50	13300	1 1/2"	1"
MIT-MS-61	61	210	76	570	0,44	68	18000	1 1/2"	1 1/2"
MIT-MS-88	88	300	76	780	0,64	98	25800	2"	1 1/2"
MIT-MT-105	105	360	89	830	0,85	120	31500	2"	1 1/2"
MIT-MS-175	175	600	114	900	1,55	200	52500	2 1/2"	2"
MIT-MS-352	352	1200	133	900	2,01	400	105600	2 1/2"	2"
MIT-MS-704	704	2400	168	950	4,47	800	211200	4"	2"
MIT-MS-880	880	3000	168	1100	5,3	1000	264000	4"	2 1/2"
MIT-MS-1056	1056	3600	168	1300	6,42	1200	316800	4"	2 1/2"
MIT-MS-1320	1320	4500	219	1070	8,46	1500	396000	4"	2 1/2"
MIT-MS-1467	1467	5000	219	1120	8,87	1660	439000	4"	2 1/2"
MIT-MS-1760	1760	6000	219	1220	10,64	2000	526800	4"	2 1/2"



All of our pool heat exchangers are manufactured as AISI 316 or AISI 316Ti stainless steel.