



Fire Pumps

Range :
Flow from 50gpm to 3000gpm
Head from 72psi to 234psi



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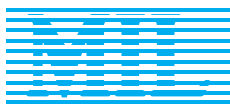
Metel Industries LLC started operations in Dubai in the year 2002. It offers services in packaging of Transfer / Booster sets for water supply, Fire Pumps UL and Non-UL, chilled water Pump sets for A/C plants with appropriate control panels as per various International Specifications . All our products are supported by in house service maintenance facility which also undertakes annual maintenance contracts for Diesel Generators, Pumps, Waste compactors and Electric Motors etc.

We have factory trained engineers and technicians and our facility is fully equipped with testing of Fire Pumps, rewinding of alternator and electric motors, wide range of spare parts and test equipment's. We are able to reach anywhere in U.A.E, within 2-3 hours maximum of receiving a call from customers.

CERTIFICATES



- Approvals: Civil Defense Abu Dhabi. Civil Defense Dubai. Civil Defense Qatar.



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EBITT END SUCTION

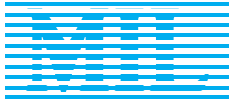
Flow (GPM)	FIRE PUMP MODEL	Approx. Speed (RPM)	Pressure (PSI)	Pressure (BAR)	Motor Rating (HP)	Engine Rating (HP)	Jockey Pump Motor Rating (HP)	Maximum Working Pressure (PSI)
50	N 32/250	3000	102	7	15	20	1	204
	N 32/250	3000	116	8	15	20	1	204
	N 32/250	3000	131	9	20	20	1	204
	N 32/250	3000	145	10	20	20	1	204
100	N 32/250	3000	102	7	20	20	1	204
	N 32/250	3000	116	8	20	20	1	204
	N 32/250	3000	131	9	25	30	1	204
	N 32/250	3000	141	9.7	25	30	1	204
150	N 32/250	3000	102	7	25	30	1	204
	N 32/250	3000	116	8	30	30	1	204
	N 32/250	3000	131	9	30	30	1	204
	N 32/250	3000	136	9.4	40	45	1	204
200	N 50/260	3000	102	7	40	45	1	217
	N 50/260	3000	116	8	40	45	1	217
	N 50/260	3000	131	9	40	45	1	217
	N 50/260	3000	138	9.51	40	45	1	217
250	N 50/260	3000	102	7	40	45	2	217
	N 50/260	3000	116	8	40	45	2	217
	N 50/260	3000	131	9	50	45	2	217
	N 50/260	3000	135	9.3	50	45	2	217
300	N 65/260	3000	94	6.5	50	45	1.5	232
	N 65/260	3000	102	7	60	60	2	232
	N 65/260	3000	116	8	60	60	2	232
	N 65/260	3000	131	9	60	60	2	232
	N 65/260	3000	138	9.5	60	60	2	232
400	N 65/260	3000	102	7	60	60	2	232
	N 65/260	3000	116	8	60	60	2	232
	N 65/260	3000	131	9	75	71	2	232
	N 65/260	3000	138	9.5	75	71	2	232
450	N 65/260	3000	87	6	60	60	1.5	232
	N 65/260	3000	102	7	75	71	2	232
	N 65/260	3000	116	8	75	71	2	232
	N 65/260	3000	131	9	75	71	2	232
	N 80/260	3000	145	10	100	83	3	232
500	N 80/250	3000	102	7	60	60	2	203
	N 80/250	3000	116	8	60	60	2	203
	N 80/250	3000	131	9	75	71	3	203
	N 80/250	3000	145	10	100	83	3	203
	N 80/315	3000	152	10.5	100	83	4	270
	N 80/315	3000	160	11	100	83	4	270
	N 80/315	3000	174	12	100	115	4	270
	N 80/315	3000	189	13	100	115	5.5	270
	N 80/315	3000	203	14	125	115	5.5	270
	N 80/315	3000	218	15	125	145	5.5	270
N 80/315	3000	234	16	150	145	5.5	270	



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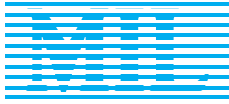
Flow (GPM)	FIRE PUMP MODEL	Approx. Speed (RPM)	Pressure (PSI)	Pressure (BAR)	Motor Rating (HP)	Engine Rating (HP)	Jockey Pump Motor Rating (HP)	Maximum Working Pressure (PSI)
750	N 100/250	3000	87	6	100	83	2	189
	N 100/250	3000	102	7	100	115	2	189
	N 100/250	3000	116	8	100	115	2	189
	N 100/250	3000	131	9	125	115	3	189
	N 100/315	3000	145	10	125	115	3	247
	N 100/315	3000	160	11	125	115	3	247
	N 100/315	3000	174	12	150	145	4	247
	N 100/315	3000	189	13	150	145	4	247
	N 100/315	3000	203	14	175	175	4	247
	N 125/315	3000	218	15	175	175	4	247
1000	N 100/250	3000	73	5	75	71	1.5	189
	N 100/250	3000	87	6	100	83	2	189
	N 100/250	3000	102	7	100	115	2	189
	N 100/250	3000	116	8	125	115	2	189
	N 100/250	3000	131	9	150	145	3	189
	N 100/250	3000	140	9.65	150	145	3	189
	N 100/330	3000	177	12	200	175	4	290
	N 100/330	3000	189	13	200	216	4	290
	N 100/330	3000	203	14	200	216	5.5	290
	N 100/330	3000	212	15	250	216	5.5	290
1250	N 125/330	3000	157	11	200	216	4	259
	N 125/330	3000	174	12	250	216	4	259
	N 125/330	3000	189	13	250	275	4	259
	N 125/330	3000	203	14	250	275	4	259
	N 125/330	3000	220	15	300	275	5.5	259
1500	N 125/330	3000	153	11	250	275	4	259
	N 125/330	3000	174	12	300	275	5.5	259
	N 125/330	3000	189	13	350	TBD	5.5	259
	N 125/330	3000	203	14	350	TBD	7.5	259
	N 125/330	3000	219	15	350	TBD	7.5	259
2000	N 150/330	3000	183	13	315 KW	TBD	5.5	321
	N 150/330	3000	203	14	355 KW	TBD	5.5	321
	N 150/330	3000	216	15	355 KW	TBD	7.5	321



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EBITT SPLIT CASE

Flow (GPM)	Pump Model	Approx . Speed (RPM)	Pressure (PSI)	Pressure (BAR)	Motor Rating (HP)	Engine Rating (HP)	Motor Rating (HP)	Maximum Working Pressure (PSI)
500	SCP100/250	3000	112	8	60	60	2	232
	SCP100/250	3000	116	8	60	71	3	232
	SCP100/250	3000	131	9	75	71	3	232
	SCP100/250	3000	145	10	100	83	3	232
	SCP100/250	3000	160	11	100	83	3	232
	SCP100/250	3000	167	12	100	83	3	232
750	SCP100/250	3000	106	7.3	100	115	3	232
	SCP100/250	3000	106	7.3	100	115	3	232
	SCP100/250	3000	131	9.0	125	115	3	232
	SCP100/250	3000	145	10.0	125	145	3	232
	SCP100/250	3000	160	11.0	150	145	4	232
	SCP100/250	3000	167	11.5	150	145	4	232
1000	SCP100/250	3000	102	7	100	115	3	232
	SCP100/250	3000	116	8	125	115	3	232
	SCP100/250	3000	131	9	150	145	4	232
	SCP100/250	3000	145	10	150	145	4	232
	SCP100/250	3000	160	11	200	175	5.5	232
	SCP125/300	3000	174	12	250	216	5.5	290
1250	SCP125/30	3000	116	8.0	150	145	3	290
	SCP125/30	3000	131	9.0	200	175	4	290
	SCP125/30	3000	145	10.0	200	216	4	290
	SCP125/30	3000	160	11.0	250	216	5.5	290
	SCP125/30	3000	174	12.0	250	275	5.5	290
1500	SCP125/30	3000	102	7	150	145	3	290
	SCP125/30	3000	116	8	200	175	4	290
	SCP125/30	3000	131	9	200	216	4	290
	SCP125/30	3000	145	10	250	216	5.5	290
	SCP125/30	3000	160	11	250	275	5.5	290
	SCP125/30	3000	174	12	300	275	5.5	290
2000	SCP4 150/630	1500	124	9	185 KW	179	4	246
	SCP4 150/630	1500	145	10	200 KW	224	4	246
	SCP4 150/630	1500	160	11	250 KW	224	4	246
	SCP4 150/630	1500	174	12	250 KW	287	5.5	246
	SCP4 150/630	1500	189	13	315 KW	287	5.5	246
	SCP4 150/630	1500	203	14	315 KW	287	7.5	246
	SCP4 150/630	1500	218	15	315 KW	336	7.5	246
	SCP4 150/630	1500	222	15	355 KW	336	7.5	246
2500	SCP4 150/630F	1500	188	13	315 KW	287	7.5	290
	SCP4 150/630F	1500	203	14	355 KW	336	7.5	290
	SCP4 150/630F	1500	211	15	355 KW	336	7.5	290
3000	SCP4 150/630F	1500	182	13	400 KW	390	10	290
	SCP4 150/630F	1500	203	14	400 KW	522	10	290
	SCP4 150/630F	1500	213	15	450 KW	522	10	290



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Jockey Pumps:-

Jockey pumps are of type of Vertical Multistage/Peripheral pumps which are used to compensate small leakages in fire protection system and automatically maintain the stand by pressure. Generally jockey pumps are designed to 1% of total capacity of fire pump.



Fuel Tanks for Diesel Engine:-

MIL uses its own Fuel tanks made in own factory in Dubai, UAE. Fuel tanks are designed and compliance with NFPA20 standard. Fuel tanks are used from 50GPM to 3000GPM capacity pumps.



CRV:-

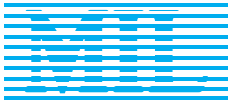
Casing Relief Valve generally used for electric fire pump to release the extra pressure generated. Pressure can be adjusted according to the pump curve. Casing relief valves are FM approved and UL listed.



Pressure Relief Valve (PRV):-

The Pressure Relief Valves is designed specifically to automatically relieve excess pressure in fire protection pumping systems. Pilot controlled, it maintains constant system pressure at the pump discharge within very close limits as demands change.

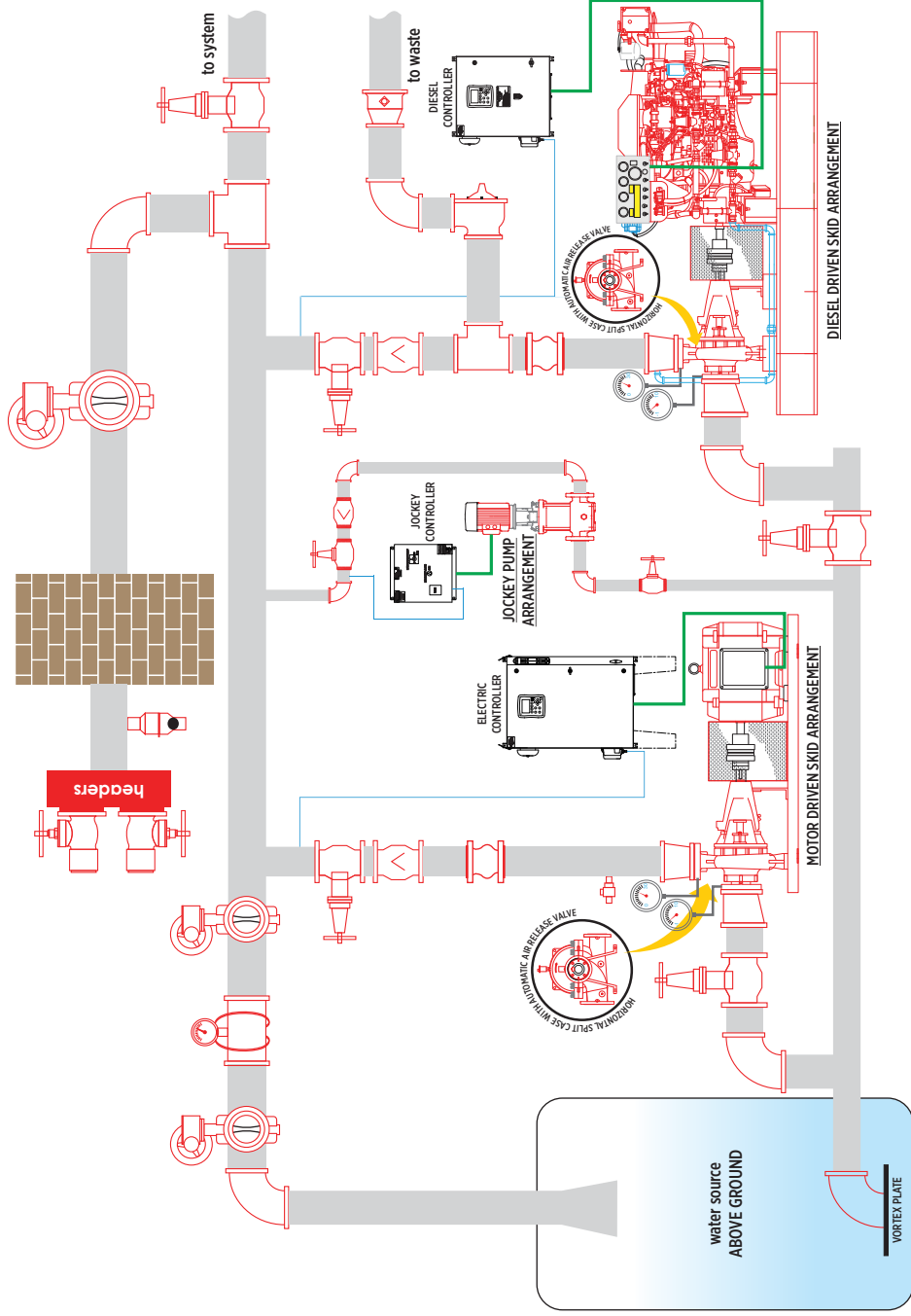




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ACCESSORIES AND ARRANGEMENTS



LEGEND OF ACCESSORIES	
	ECCENTRIC REDUCER
	CONCENTRIC REDUCER
	GATE VALVE OS&Y
	CHECK VALVE
	FLEXIBLE JOINT
	ELBOW
	TEE
	COMPOUND PRESSURE GAUGE
	DISCHARGE PRESSURE GAUGE
	CASING RELIEF VALVE
	FLOW METER
	DRIP BALL VALVE
	BUTTERFLY VALVE <small>GATE VALVE OS&Y CAN BE USED OPTIONALLY</small>
	GATE VALVE
	WASTE CONE
	MAIN RELIEF VALVE
	HOSE VALVE
	ELECTRIC CONNECTION
	RAW WATER COOLANT LINE
	PIPES
	SENSING LINE



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FACILITIES MANAGEMENT



Maintenance of Domestic or Industrial water pump, Diesel Generator Sets, Solid or Liquid Waste Compacting equipments.

Manufacture and Repair of Electric Control Panels.

Repair and Overhauling of a wide variety of Pumps, Diesel Engines and Motors.

Commissioning of equipments such as Electric Motors, Diesel Engines, Alternators, Pumps and Waste Compactors.

Service and Repair of Electro-Hydraulic Waste Compactors.

Rewinding of Alternators and Motors

Dynamic balancing of Impellers, Rotors and other Rotating Parts.

In house testing of LV/ AC Motors, Centrifugal Pumps, Engines, Panels and Waste Compactors.