



ایمن تیار  
I.T.E

# IMEN

# TIAR



**WITH IMEN TIAR THERE IS NO CHANCE FOR FIRE**

# HYDRANTS

## Type 1 :

### Dry barrel pillar Hydrants:

These type of hydrants are usually used where there is a chance the temperature goes below freezing.



TR-PH-D1

Desc./Model	TR-PH-D1	TR-PH-D2	TR-PH-D3
Ref.standard	AWWA-C502	AWWA-C502	
Main valve	51/4" or 6 "	4" or 5 1/4"	2"
Inlet . Connection	6" or 8"	4 " or 6"	2 1/2 "
Hose nozzle (2 1/2") No .	1,2,3,4	1,2,3,4	1
Pumper Connection (inch)	4,41/2,5	4,41/2,5	----
Monitor Connection (if need )	4"	4"	-
Max. working pre.	17.5 barg	17.5 barg	12barg
Benefits:	<ul style="list-style-type: none"> <li>• easy maintenance</li> <li>• easy open &amp; close</li> <li>• corrosion resistance self drain</li> </ul>		

## Type 2:

### Wet barrel pillar hydrants

these type of hydrants are usually used where the temperature remains above freezing.



TR-PH-W2

Desc./ Model	TR-PH-W1	TR-PH-W2	TR-PH-W3
Ref.stanndard	AWWA-C503	AWWA-C503	AWWA-C503
inlet connection (inch)	6	6	4 or 6
Hose nozzle (2 1/2") No .	1,2,3,4	2	1,2,3,4
Pumper Connection (inch)	4,41/2,5	4,4 1/2,5	4,4 1/2,5
Monitor Connection (if need )	4	-	3 Or 4
Body material	Cast Iron	Cast Iron	Carbon Steel
Max. working pre.	17.5 barg	17.5 barg	20 barg

## Type 3 :

### underground hydrants



TR-UH1

Desc./ Model	TR-UH1	TR-UH 2
Ref. Standard	BS750 - type2	BS750 - type2
Inlet connection size	3	3,4
Outlet connection	2 1/2" BSRT	2 1/2" BSRT
Lower barrel	----	Yes

# VALVES

## Gate Valves :

Desc ./Model	TR-GT1	TR-GT2	TR-GT3	TR-GT4	TR-GT5	TR-GT6	TR-GT 7
Type	OS&Y	OS&Y	NRS	NRS	NRS	RS	OS&Y
Inlet type & size	Flange 3	Thread 2 1/2	Flange 3	Thread 2 1/2	s.p flange 2 1/2	Thread 2 1/2	Flange3
Outlet type	BS 336	BS 336	BS 336	BS 336	BS 336	BS 336	Thread 2 1/2
Max. working pre.	16 barg	16 barg	16 barg	16 barg	16 barg	16 barg	16 barg
Body material	Gun metal	Gun metal	Gun metal	Gun metal	Gun metal	Gun metal	Gun metal



TR-GT4



TR-GT5



TR-GT1



TR-GT6

## Globe Valves:

Desc./Model	TR-SG 1	TR-SG 2	TR-SG 3	TR-SG 4	TR-SA1
Outlet type	Horizontal	Horizontal	Bib - noise	Bib - noise	Angle
Inlet type & (size)	Flange 3	Thread 2 1/2	Flange 3	Thread 2 1/2	Thread1,1 1/2,2,2 1/2
Outlet type	BS - 336	BS - 336	BS - 336	BS - 336	Thread1,1 1/2,2,2 1/2
Max. working pre.	14 barg	14 barg	14 barg	14 barg	12 barg
Body material	Gun metal	Gun metal	Gun metal	Gun metal	Brass



TR-SG 2



TR-SA1



TR-SG 3

## POST INDICATOR VALVE



TR-PIV2

Desc./Model	TR-PIV1	TR-PIV2	TR-PIV3
Type	UnderGround	UnderGround	Wall
Barrel type	Fix	Telescoping	Fix
Valve type	Gate or Butterfly	Gate or Butterfly	Gate or Butterfly
Valve size (inch)	4 , 6 , 8 , 10 , 12	4 , 6 , 8 , 10 , 12	4 , 6 , 8 , 10 , 12
Valve material	Ductile Cast Iron	Ductile Cast Iron	Ductile Cast Iron
Max W.P	16 barg	16 barg	16 barg

## FOAM EQUIPMENTS

### In Line - Inductor



TR-ILI450

Desc ./Model	TR-ILI225	TR-ILI450	TR-ILI900
Capacity (LPM)	225	450	900
Induction rate	1-6 %	1-6 %	1-6 %
Intel & Outlet	BS-336/storz	BS-336/storz	BS-336/storz
Working pressure	4 -10 barg	4 -10 barg	4 -10 barg
Body material	Al-Alloy/Gun metal	Al-Alloy/Gun metal	Al-Alloy/Gun metal

### Foam Nozzle :

Desc ./Model	TR-FN225	TR-FN450	TR-FN900
Capacity (LPM)	225	450	900
Intel	BS - 336 / Storz	BS - 336 / Storz	BS - 336 / Storz
Working pressure	4-10 barg	4-10 barg	4-10 barg
Body material	Al - Alloy	Al - Alloy	Al - Alloy
Throw (m)	20	21	24

TR-FN450



# MONITORS

Desc ./Model	TR-MW1	TR-MW2	TR-MW3	TR-MW4	TR-MW5	TR-MW6	TR-MFW1
Type	Portable	Fix	Fix	Fix	Fix	Fix	Fix or Trailer
Service	Water	Water/Foam	Water/Foam	Water/Foam	Water/Foam	Water/Foam	Water & Foam
Operating System	Single wheel	Double wheel	Handle	Handle	Handle	Chain	Double wheel
Inlet size (Inch)	2 x 2 1/2	4	4	4	3, 4	4	4
Body material	AL ALLOY	G M or/DCI	G M or/DCI	G M or/DCI	C.S or S.S	G M or/DCI	G M or/DCI
Capacity (LPM)	900 - 3800	900 - 3800	900 - 3800	900 - 3800	900 - 3800	Water:1900 Foam:1300 -3600	900 - 3800
Rotation	Full 360	Full 360	Full 360	Full 360	Full 360	Full 360	Full 360
Elevation	+30 to + 70	-20 to + 80	-30 to + 85	-20 to + 80	-20 to + 85	-20 to + 80	-20 to + 70
Horizontal Rang	40 - 50 m	40 - 50 m	40 - 50 m	40 - 50 m	40 - 50 m	40 - 50 m	40 - 50 m

TR-MW5



TR-MW1



TR-MW3



TR-MW2



TR-MFW1



# OTHER EQUIPMENT



**Monitor Nozzle  
(TR - NM1)**



**Divider breeching  
(TR - DS)**



**Monitor Nozzle  
(TR - NM2)**

## Other Equipment:

Hose wash	Are used for washing the hose without brushing it .
Hose box	In several type and size according to customer need.
Dividing breeching	Are used for distributing from one feed line over several hose line .(2 or 3 out let)
Collecting breeching	Are used for collecting from several feed hose line (2 or 3 inlet) over one outlet.
Nozzle	Are used for hose or monitor . the fully adjustable from jet to fog and shut off. From 450 to over 3000 LPM.
Standpipe and Key bar	Are used for drawing water from the local supply mains and are connected to underground hydrant for this purpose.

**Hose box  
TR - HB - W1**



**Hose Nozzle  
TR - WN - F1**



**Hose wash  
TR - HW 1**

# FIRE FITTINGS

Coupling	TR-HC-1	TR-HC-2
Ref standard	BS336	BS336
Type	2 1/2 „Instantaneous	2 1/2 „Instantaneous
Tail type	Multi -serrated /Rib - tail	Multi -serrated /Rib - tail
Locking system	single actions	double actions
Tail size (inch)	1 1/2 , 1 3/4 , 2 1/2 , 2 3/4	1 1/2 , 1 3/4 , 2 1/2 , 2 3/4
Body material	Al Alloy , Brass, Gunmetal	Al Alloy , Brass, Gunmetal
Working pressure	12 barg	12 barg



TR-HC-2



TR-BC-M



AD-165



AD-125



BC-TW



AD-185

Adaptors		BSS		BSRT		BSP	
		M	F	M	F	M	F
BSS	M	100	105	110	115	120	125
	F	105	150	155	160	165	170
BSRT	M	110	155	200	205	210	215
	F	115	160	205	240	245	250
BSP	M	120	165	210	245	275	280
	F	125	170	215	250	280	305
Storz		140	185	230	265	295	320
Flange		145	190	235	270	300	325

Caps	Desc
TR - BC - MT	BSS 2 1/2 " Male , T - Handle blank cap
TR - BC - M	BSS 2 1/2 " Male , blank cap
TR - BC - SR	BSS 2 1/2 " Female , blank cap Sing Release
TR - BC - TW	BSS 2 1/2 " Female , blank cap Double Pull Release



TR-HC-1

# EMERGENCY SAFETY SHOWER AND EYE WASH



TR-ES



TR-ES-C



TR-ES-F

## Model

## Applications

TR-ES  
(General type)

For use in all location for general applications.

TR-ES-L  
(Laboratory rang type )

For use in all laboratories and clean indoor areas.

TR-ES-D  
(Self-Draining type )

For use outdoor in tropical and cold climates where overheating or freezing of contained water is a problem

TR- ES-IH  
Isolated and heated type

As self - draining type but with isolated and heated Mechanism

TR-ES-F \*  
Frame Type .

For situations where an emergency shower needs its own floor space or protect against damage

TR-ES-C \*  
Cabinet type

This type use where a shower needs to be totally enclosed.

TR-ES-CT  
Tank cabinet type

For use when a constant supply of water can not be guaranteed

TR-ES-M  
Mobile type

This type use where there is not possibility use fix unit

TR-ES-P  
Portable type

Portable units for immediate use by industries.

\* This type also can be equipped to self draining or hearted mechanism .

## Optional accessories for all models are :

Sign	✓	Pressure reducer valve	✓	strainer	✓
Hand shower	✓	body shower	✓	light	✓
Face wash	✓	hand eyewash	✓	Foot panel or treadle	✓



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