



## ***AUTO TEST FIRE PANEL PRODUCT CATALOG***



***We manage water.  
You can use it safely.***

***MADE IN  
TURKEY***



*Y.OT series fire control panel with automatic test in fire systems commissioning and switching off pumps and performing self-tests. It has been specially designed for the purpose.*

*The control panel has automatic - manual operation selection. Man-auto switch on the panel for manual operation must be set to man. Information received from the system pressure switch for automatic operation activates and deactivates the pumps accordingly. A specially designed PLC is used to perform these operations. On the PLC unit screen on the front panel, the system is ready-circuited and fault conditions can be monitored. All fault information is shown on the PLC screen.*

*Automatic test and pump delay times can be adjusted via PLC.*

*Fire pump control panels which serve as the heart of fire installations are designed to control and monitor electrical or diesel engines of fire pumps, for many years in accordance with international standards. Fire pump control panels generally monitor the status of the line and start the fire pump when it receives a signal from the pressure switch. They cannot be used to meet the other water needs of their facility.*

*Pump jams and malfunctions in electrical or mechanical parts may occur due to long periods of inactivity. It is important to be able to see and intervene on time. It is important to be able to anticipate these malfunctions and take action in a timely manner. For this reason, they should be tested by running once a week. Test system is available in all our fire panels.*

## **General Information**

- ☛ Microprocessor based design.
- ☛ 48Mhz operating frequency.
- ☛ 64 Kb Program memory.
- ☛ 3936 byte SRAM
- ☛ 1024 byte EEPROM.
- ☛ 1,000,000 read/write data capacity.
- ☛ 100 years data retention life.
- ☛ Design with nanowatt technology.
- ☛ Automatic test feature.
- ☛ Automatic test solenoid valve output.
- ☛ Voltage protection active-passive option.
- ☛ Voltage protection high-low values possibility of adjustment.
- ☛ Pump stop delay setting.
- ☛ Turkish-English language support.
- ☛ Floater protection against run without water.
- ☛ Ability to select active-passive float protection.
- ☛ Measuring pump current values.
- ☛ Current protection active-passive option.
- ☛ Possibility to set error delay time.
- ☛ Auto Manual selection switch.
- ☛ Record of 20 events that occurred in the past.
- ☛ Ability to see all error states on the screen
- ☛ Reporting fault conditions by relay contact.
- ☛ Ability to monitor the number of pump switchgears on the screen.
- ☛ 2X16 character LCD display.
- ☛ Ability to monitor pump operating hours on the screen.

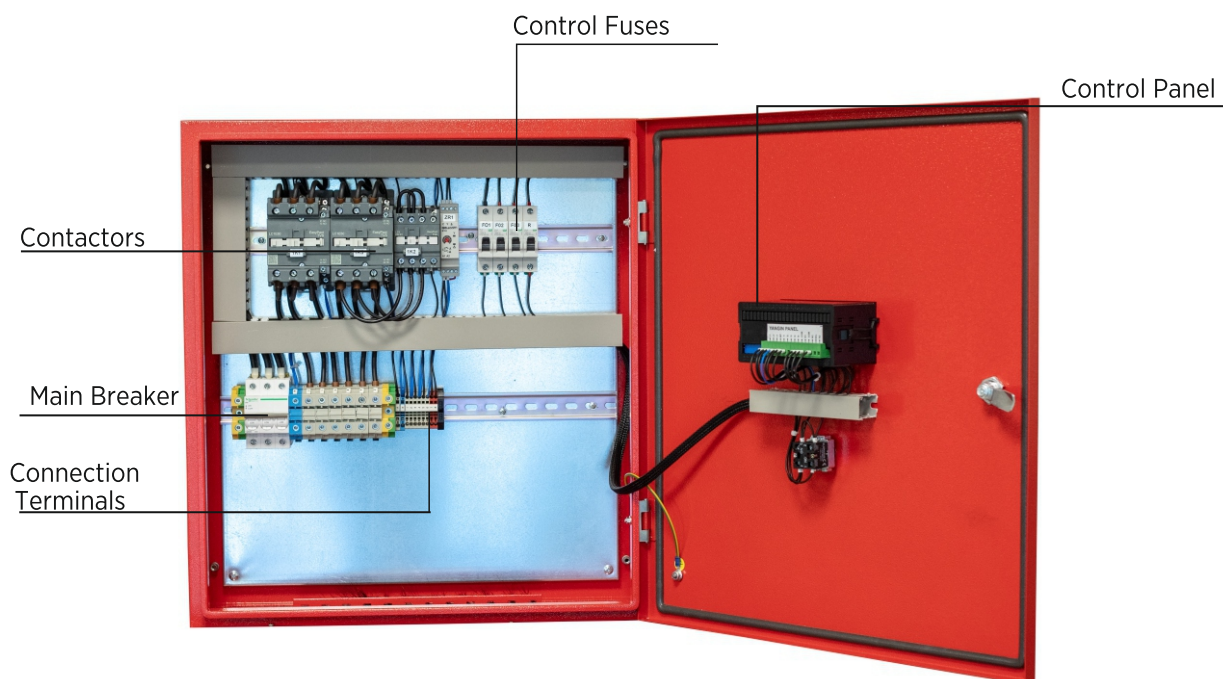


Figure-1: Y.OT Series Panel Inside View

## Connection Diagram

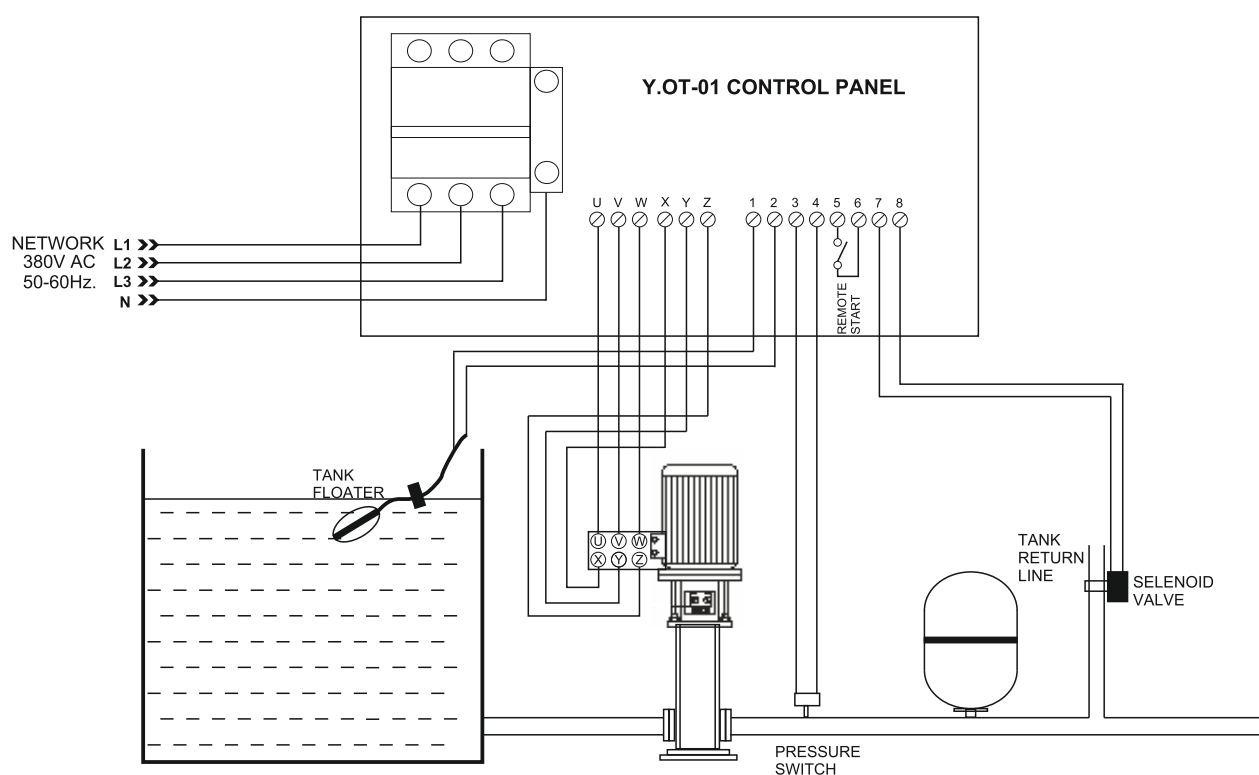


Figure 2: Y.OT Panel Connection Diagram

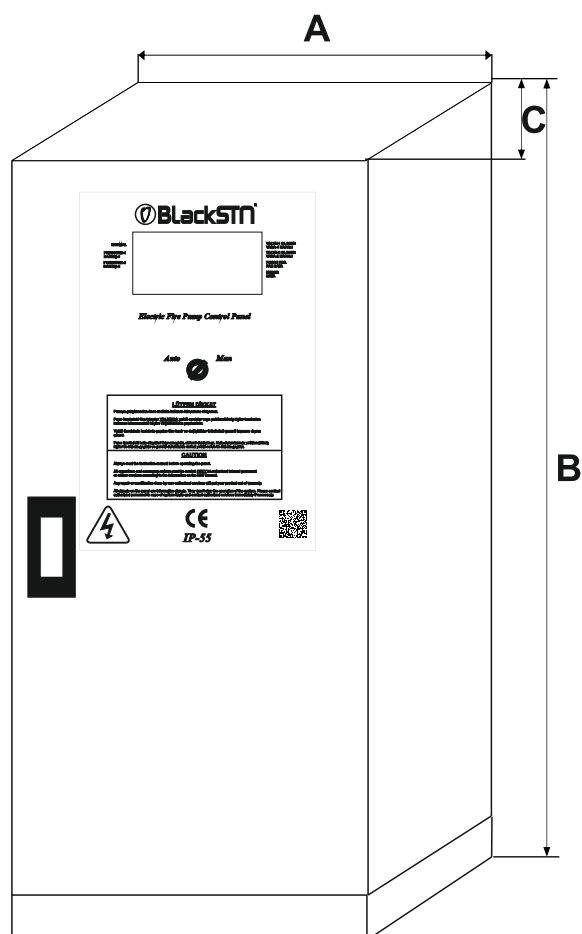


Figure-3: Y.OT Panel Outer View

POWER	A	B	C
<b>7,5-11kW</b>	450mm	500mm	170mm
<b>15kW</b>	450mm	500mm	170mm
<b>18,5kW</b>	450mm	500mm	170mm
<b>22kW</b>	450mm	500mm	170mm
<b>30kW</b>	550mm	600mm	170mm
<b>37kW</b>	550mm	600mm	170mm
<b>45kW</b>	550mm	600mm	170mm
<b>55kW</b>	550mm	600mm	170mm
<b>75kW</b>	700mm	1000mm	320mm
<b>90kW</b>	700mm	1000mm	320mm
<b>110kW</b>	700mm	1000mm	320mm
<b>132kW</b>	1000mm	1300mm	380mm
<b>160kW</b>	1000mm	1300mm	380mm
<b>200kW</b>	1000mm	1300mm	380mm
<b>250kW</b>	1400mm	1500mm	400mm
<b>315kW</b>	1400mm	1500mm	400mm

## Technical details

Operating Voltage (Un)	230V – 380VAC
Operating Frequency	50/60Hz.
Working Power	<6VA
Operating temperature	-20°C to 55°C
Voltage Measurement Range	10-500V AC
Measurement Accuracy	%±1
DelayTime setting	1-30 sec.
Indicator	2X16LCD screen and leds
Connection style	Terminal connection
Ignition	5A/250VAC Resistive Load
Connection Insulation	2.5kV
Assembly	On the pump or on the wall
Protection Class	Ip55
Working Altitude	<2000meter



**CERTIFICATE**  
Attestation of Conformity

**Name and Address of Certificate Holder:**  
KRK ELEKTRİK İNŞ. TURİZ. SAN. VE TİC. LTD. ŞTİ. Esenler Mah. Gözde Sok.  
No:1 Pendik / İSTANBUL

**Certificate Number:**  
02-226-05-100221

**Name and Address of Manufacturer:**  
KRK ELEKTRİK İNŞ. TURİZ. SAN. VE TİC. LTD. ŞTİ. Esenler Mah. Gözde Sok.  
No:1 Pendik / İSTANBUL

**Date of Issue:**  
10.02.2021

**Brand:**  
KRK ELEKTRİK İNŞ. TURİZ. SAN. VE TİC. LTD. ŞTİ. Esenler Mah. Gözde Sok.  
No:1 Pendik / İSTANBUL

**Product Name:**  
Fire Diesel Control Panel

**Model No:**  
DZL-02, DZL-01, DZL-P, DZL-EP, BOY-01, DZV-01, DZV-02

**Test Report Number:**  
18-1266-R0-N01-01;  
LYD-226-01

**Page:**  
1 of 1

**Test Required:**  
EN 60204-1:2006/AC:2010; EN 61008-6-1:2007; EN 61000-6-3:2007/AT:2011/AC:2012

The product meets the technical requirement of the above standards and hence fulfils the technical requirements of the following directives:

**2014/30/EU Electromagnetic Compatibility Directive**  
**2014/35/EU Low Voltage Directive**

This certificate is only valid for the equipment and configuration described in conjunction with the test data detailed above and with compliance with applicable legal requirements for the product.

The CE Mark as shown below can be used under the responsibility of the manufacturer or the importer after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.

**CE**

**QR CODE**

**COŞTUT İHTİSASİ TEKNİK KONTROL VE BELGELENDİRME ANONİM ŞİRKETİ**  
Kavacık Mahallesi Gözde Sok. No: 226 Esenler / İstanbul / Türkiye  
www.coştut.com.tr

**CERTIFICATE**  
Attestation of Conformity

**Name and Address of Certificate Holder:**  
KRK ELEKTRİK İNŞ. TURİZ. SAN. VE TİC. LTD. ŞTİ. Esenler Mah. Gözde Sok.  
No:1 Pendik / İSTANBUL

**Certificate Number:**  
02-226-05-100221

**Name and Address of Manufacturer:**  
KRK ELEKTRİK İNŞ. TURİZ. SAN. VE TİC. LTD. ŞTİ. Esenler Mah. Gözde Sok.  
No:1 Pendik / İSTANBUL

**Date of Issue:**  
10.02.2021

**Brand:**  
KRK ELEKTRİK İNŞ. TURİZ. SAN. VE TİC. LTD. ŞTİ. Esenler Mah. Gözde Sok.  
No:1 Pendik / İSTANBUL

**Product Name:**  
Control Panel

**Model No:**  
SP-2 (Annex B)

**Test Report Number:**  
1806.10.07.003.18-195  
02-226-05-100221

**Page:**  
1 of 2

**Test Required:**  
EN 60204-1:2006/AC:2010; EN 61008-6-1:2007; EN 61000-6-3:2007/AT:2011/AC:2012

The product meets the technical requirement of the above standards and hence fulfils the technical requirements of the following directives:

**2014/30/EU Electromagnetic Compatibility Directive**  
**2014/35/EU Low Voltage Directive**

This certificate is only valid for the equipment and configuration described in conjunction with the test data detailed above and with compliance with applicable legal requirements for the product.

The CE mark as shown below can be used under the responsibility of the manufacturer or the importer after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.

**CE**

**QR CODE**

**COŞTUT İHTİSASİ TEKNİK KONTROL VE BELGELENDİRME ANONİM ŞİRKETİ**  
Kavacık Mahallesi Gözde Sok. No: 226 Esenler / İstanbul / Türkiye  
www.coştut.com.tr

**CERTIFICATE**  
Attestation of Conformity

**Name and Address of Certificate Holder:**  
KRK ELEKTRİK İNŞ. TURİZ. SAN. VE TİC. LTD. ŞTİ. Esenler Mah. Gözde Sok.  
No:1 Pendik / İSTANBUL

**Certificate Number:**  
SF-226-05-100221

**Name and Address of Manufacturer:**  
KRK ELEKTRİK İNŞ. TURİZ. SAN. VE TİC. LTD. ŞTİ. Esenler Mah. Gözde Sok.  
No:1 Pendik / İSTANBUL

**Date of Issue:**  
10.02.2021

**Brand:**  
KRK ELEKTRİK İNŞ. TURİZ. SAN. VE TİC. LTD. ŞTİ. Esenler Mah. Gözde Sok.  
No:1 Pendik / İSTANBUL

**Product Name:**  
Pump Controller Panel

**Model No:**  
YJNPA015/35A (Annex I)

**Test Report Number:**  
LYD-226-02

**Page:**  
1 of 2

**Test Required:**  
EN 60204-1:2006/AC:2010

The product meets the technical requirement of the above standards and hence fulfils the technical requirements of the following directives:

**2014/35/EU Low Voltage Directive**

This certificate is only valid for the equipment and configuration described in conjunction with the test data detailed above and with compliance with applicable legal requirements for the product.

The CE Mark as shown below can be used under the responsibility of the manufacturer or the importer after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.

**CE**

**QR CODE**

**COŞTUT İHTİSASİ TEKNİK KONTROL VE BELGELENDİRME ANONİM ŞİRKETİ**  
Kavacık Mahallesi Gözde Sok. No: 226 Esenler / İstanbul / Türkiye  
www.coştut.com.tr

**TÜRK STANDARDLARI ENSTİTÜSÜ**  
TÜRK STANDARDLARINA UYGUNLUK BELGESİ  
**TURKISH STANDARDS INSTITUTION**  
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

**Markanın Tanımı** Description of the Mark  
**TSE** **TSE** **TSE**

**BELGE NUMARASI** 0236779-TSE-01/01  
**REFERENCE NUMBER OF LICENCE**

**BELGENİN İLK VERİLİŞ TARİHİ** 07.12.2021  
**DATE OF FIRST ISSUE OF LICENCE**

**BELGENİN SON GEÇERLİLİK TARİHİ** 07.12.2022  
**LICENCE VALID UNTIL**

**BELGE SAHİBİ KURULUŞUN ADI** KRK ELEKTRİK İNŞAAT TURİZM SAN VE TİC. LTD. ŞTİ.  
**NAME OF THE LICENCE HOLDER**

**BELGE SAHİBİ KURULUŞUN ADRESİ** ESENLER MAH. GÖZDE SK. NO:1/1 PENDİK İSTANBUL/TÜRKİYE  
**ADDRESS OF THE LICENCE HOLDER**

**ÜRETİM YERİ ADI** KRK ELEKTRİK İNŞAAT TURİZM SAN. VE TİC. LTD. ŞTİ.  
**NAME OF THE MANUFACTURING PLACE**

**ÜRETİM YERİ ADRESİ** ESENLER MAHALLESİ GÖZDE SOKAK NO:1/1 PENDİK İSTANBUL / TÜRKİYE  
**ADDRESS OF THE MANUFACTURING PLACE**

**İPTAL EDİLEN BELGE NUMARASI (Varsa)** blackstn  
**INDICATION OF SUPERSEDED LICENCE (if any)**

**TESCİLLİ TİCARİ MARKASI** TS EN 61010-1 / 05.06.2012  
**REGISTERED TRADE MARK**

**İLGİLİ TÜRK STANDARDI**  
**RELATED TURKISH STANDARD**

**BELGE KAPSAMI**  
**SCOPE OF LICENCE**

1- BPL-3T MODEL, 3 POMPALI, 3x380 V AC, 0,02-5,5 A, 50/60 Hz, IP 55, POMPA KONTROL PANOSU  
2- BPL-2T MODEL, 2 POMPALI, 3x380 V AC, 0,02-5,5 A, 50/60 Hz, IP 55, POMPA KONTROL PANOSU  
3- BPL-1T MODEL, 1 POMPALI, 3x380 V AC, 0,02-5,5 A, 50/60 Hz, IP 55, POMPA KONTROL PANOSU

**e-imza ile onaylandı**  
08.12.2021  
Belgelendirme Merkezi Başkanı Adına  
AHMET NURSI KARTAL  
TSE İSTANBUL BELGELENDİRME MÜDÜRÜ

"Bu belge, belgelendirilen ürünün, üretin yerinin Üretim Yeri Tanımlaması şartlarında da geçerlidir."  
"Bu belge, her bir kuralın ayrı ayrı belgelendirilmesi için geçerli değildir, sadece ve sadece belgelendirilmiştir."  
TSE İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜ Adres: Çarşıbaşı Tesisleri Yarı Çarşıbaşı/İSTANBUL - Telefon: 0212 312 3127 Faks: 0212 312 3128  
TSE BELGELENDİRME MERKEZİ BAŞKANLIĞI Adres: Neşetpaşa Cad. No:112 06100 Beşiktaş/İSTANBUL - Telefon: 0212 416 64 81 416 64 27 Faks: 0212 416 66 17 E-posta: info@tse.org.tr web: www.tse.org.tr

**QR CODE**

<https://evrak.kontroll.net.tr/BelgeDetaylari.aspx?T=781> adresinden belgenin doğruluğunu ve geçerliliğini sorgulayınız.

1 / 1

Cos fi : 0,9		Kesit (mm <sup>2</sup> ) Section (mm <sup>2</sup> )															
Güç Power kW	Yük Akımı Current load A	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300
2,5	4,2	178	291	466	695	1162											
		103	169	271	404	675	1063										
3	5	150	244	391	584	976	1536										
		87	142	227	339	567	892	1391									
3,5	5,9	127	207	331	495	827	1302										
		73	120	192	227	480	756	1180									
4	6,7	111	182	292	435	728	1146										
		65	106	169	253	423	666	1038									
4,5	7,5	100	163	261	389	650	1024										
		58	94	51	226	378	595	927	1266								
5	8,4	89	145	233	347	581	914	1425									
		51	84	135	202	337	531	828	1130								
6	10,1	74	121	193	289	483	760	1185									
		43	70	112	168	200	442	689	940	1247							
7	11,8	63	103	165	247	413	651	1015									
		36	60	96	143	240	378	590	805	1067							
8	13,5	55	90	145	216	361	569	887	1210								
		32	52	84	125	210	330	515	703	932	1301						
9	15,2	49	80	128	192	321	505	787	1075								
		28	46	74	111	186	293	457	625	828	1155						
10	16,8	44	72	116	173	290	457	712	972	1290							
		25	42	67	101	168	265	414	565	750	1045						
12	20	37	61	97	146	244	384	598	817	1083							
		21	35	56	84	141	223	347	474	630	878	1166					
14	23	12	53	85	127	212	334	520	710	942	1315						
		18	30	49	73	123	194	302	413	547	764	1014					
16	27		45	75	108	180	284	443	605	802	1120						
			26	42	62	105	165	257	351	466	650	863	1053				
18	30		40	65	97	162	256	399	544	722	1007						
			23	37	56	94	148	281	316	419	585	777	948	1119			
20	33		37	59	88	147	232	362	495	656	916	1216					
			21	34	51	88	135	210	287	381	532	706	862	1017			
22	37			52	78	111	207	323	441	585	817	1085					
				30	45	76	120	288	256	340	475	630	769	907	1072		
25	42			46	69	116	182	285	389	516	719	955	1165				
				27	40	67	106	165	226	299	418	555	677	799	944	1156	
30	50				58	97	153	239	326	433	605	802	979	1155			
					33	56	89	139	189	251	351	466	569	671	793	971	1124
35	59				82	130	202	277	367	512	680	830	979	1157			
					48	75	117	161	213	297	395	482	569	672	823	952	
40	67				72	114	178	243	323	451	599	730	862	1018			
					42	66	103	141	187	262	348	425	501	592	725	838	
45	76					101	157	215	285	397	528	644	760	898	1100		
						58	91	124	165	231	306	374	442	522	639	739	
50	84					91	142	194	258	359	477	582	688	812	995	1151	
						53	82	113	149	209	277	338	400	472	578	669	
55	93					82	128	175	233	325	431	526	621	734	898	1040	
						48	74	102	135	188	250	305	361	426	522	604	
60	101						118	161	214	299	397	484	572	675	827	957	
							68	94	124	173	230	281	332	392	481	556	
70	118						101	30	183	256	340	414	487	578	708	819	
							58	80	106	148	197	241	284	336	411	476	
75	126						95	129	172	239	318	388	458	541	663	767	
							55	75	99	139	185	225	266	314	385	446	
80	135							121	160	223	297	362	427	505	619	716	
								70	93	130	172	210	248	293	360	416	
90	152							107	142	198	272	322	380	449	549	636	
								62	82	115	153	187	220	261	319	369	
100	169								128	178	233	289	341	403	495	572	
									74	103	138	188	234	287	332		
110	185								117	163	218	264	312	369	451	522	
									68	94	126	153	181	214	262	303	
130	219									138	183	223	263	311	381	441	
										80	106	138	168	198	234	287	
133	224									134	179	217	249	297	343	401	
										78	104	136	166	196	232	270	
150	253										158	193	228	269	330	382	
											92	121	151	181	211	256	
160	270											104	133	163	193	222	
												92	121	151	181	211	
180	303											148	183	218	253	288	
												86	111	141	171	201	
200	337												93	110	130	160	
														171	202	248	
205	346													99	117	144	
														166	197	241	
230	386													97	114	140	
															175	215	
270	456														102	125	
																183	
280	472															106	
290	490																
300	506																
305	515																



# ***AUTO TEST FIRE PANEL PRODUCT CATALOG***



***We manage water.  
You can use it safely.***

***MADE IN  
TURKEY***