

FN 300-400-500
KD 200-400-700

DRY HEAT STERILIZERS / OVENS



CE 1984



FN series dry heat sterilizers/ovens offer excellent sterilization, drying and heating conditions. With their higher capacity, KD series ovens are ideal for drying and heating purposes.

Excellent uniformity and stability of temperature is obtained by high grade insulation with the combination of PID microprocessor control system.

Heating process is based on natural air convection for standard FN series which have anodic-oxidated aluminum chamber.

The powerful air circulation fan guarantees fast and efficient heating for "P" models of FN series and KD series which have stainless steel interior.

Accurate and reliable PID microprocessor control system includes two digital displays for temperature and time.

As a necessity for dry heat sterilizers, the user is warned in case of an electricity interruption if the temperature is out of sterilization conditions compared to the preset alarm limits.

Although the microprocessor control system has many safety features, an independent safety thermostat takes over the control in case of any failure.

The door, pressing firmly and tightly against the chamber gasket, reduces temperature loss and optimizes the power consumption.

All models are fitted with outlet port for vapour exhaustion and KD series ovens have extraction fan.



TECHNICAL SPECIFICATIONS

	DRY HEAT STERILIZERS					OVENS		
	FN 300	FN 400	FN 400P	FN 500	FN 500P	KD 200	KD 400	KD 700
Temperature Range	Ambient temp +5°C / 250°C					70°C / 250°C		
Temperature Sensor	Fe-Const							
Control System	PID Programmable Microprocessor							
Temperature set and display sensitivity	1°C							
Temperature variation @ 150°C	± 2°C					± 4°C		
Temperature fluctuation	± 1°C					± 2°C		
Timer	1 min - 99.9 hours + Hold Position							
Useful Volume, liters	22	44	42	120	110	193	375	700
No of shelves (standard/max.)	2/6	2/7	2/7	2/10	2/10	2/7	2/12	
Power Consumption	500 W	800 W	900 W	1600 W	1550 W	3150 W	4150 W	8250 W
Power Supply	230 V, 50/60 Hz.					400 V,50/60 Hz. 3 phases+N+G	400 V,50/60 Hz. 3 phases+N+G	
Internal Material	Anodic-oxidated aluminum		Stainless steel aluminum	Anodic-oxidated aluminum	Stainless steel	Stainless steel		
External Material	Epoxy-Polyester Powder Coated Steel							
Internal Dimensions (WxDxH) mm	290x222x300	420x375x360	420x335x360	490x490x500	500x450x500	500x455x850	500x555x1350	995x560x1260
External Dimensions (WxDxH) mm	555x380x450	700x525x540	700x580x540	780x625x680	790x675x670	685x690x1120	655x860x1640	1150x813x1640
Packing Dimensions (WxDxH) mm	640x470x640	790x570x760	790x570x750	870x740x860	870x740x860	760x730x1325	830x760x1850	1220x920x1950
Net/Packed Weight. Kg	24/29	37/43	40/47	55/65	60/70	90/112	140/160	210/280

ACCESSORIES

- R 01 014 Al. shelf for FN 300
- R 01 136 Mesh type shelf for FN 400
- R 01 126 Mesh type shelf for FN 400P
- R 01 135 Mesh type shelf for FN 500
- R 01 111 Mesh type shelf for FN 500P / KD 200
- R 01 134 Mesh type shelf for KD 400
- R 01 137 S. Shelf for KD 700
- K 23 031 Shelf carrier for FN 300
- K 23 047 Shelf carrier for FN 400
- K 23 048 Shelf carrier for FN 400P
- K 23 046 Shelf carrier for FN 500
- K 23 040 Shelf carrier for FN 500P / KD 200 / KD 400
- K 23 030 Shelf carrier for KD 700

NOTE: 2 pcs. shelf carrier should be ordered for each shelf.



**NÜVE SANAYİ MALZEMELERİ
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150-160-180-200-220-250-280-300-320-350-380-400-420-450-480-500-520-550-580-600-620-650-680-700-720-750-780-800-820-850-880-900-920-950-980-1000-1050-1100-1150-1200-1250-1300-1350-1400-1450-1500-1550-1600-1650-1700-1750-1800-1850-1900-1950-2000-2050-2100-2150-2200-2250-2300-2350-2400-2450-2500-2550-2600-2650-2700-2750-2800-2850-2900-2950-3000-3050-3100-3150-3200-3250-3300-3350-3400-3450-3500-3550-3600-3650-3700-3750-3800-3850-3900-3950-4000-4050-4100-4150-4200-4250-4300-4350-4400-4450-4500-4550-4600-4650-4700-4750-4800-4850-4900-4950-5000-5050-5100-5150-5200-5250-5300-5350-5400-5450-5500-5550-5600-5650-5700-5750-5800-5850-5900-5950-6000-6050-6100-6150-6200-6250-6300-6350-6400-6450-6500-6550-6600-6650-6700-6750-6800-6850-6900-6950-7000-7050-7100-7150-7200-7250-7300-7350-7400-7450-7500-7550-7600-7650-7700-7750-7800-7850-7900-7950-8000-8050-8100-8150-8200-8250-8300-8350-8400-8450-8500-8550-8600-8650-8700-8750-8800-8850-8900-8950-9000-9050-9100-9150-9200-9250-9300-9350-9400-9450-9500-9550-9600-9650-9700-9750-9800-9850-9900-9950-10000-10050-10100-10150-10200-10250-10300-10350-10400-10450-10500-10550-10600-10650-10700-10750-10800-10850-10900-10950-11000-11050-11100-11150-11200-11250-11300-11350-11400-11450-11500-11550-11600-11650-11700-11750-11800-11850-11900-11950-12000-12050-12100-12150-12200-12250-12300-12350-12400-12450-12500-12550-12600-12650-12700-12750-12800-12850-12900-12950-13000-13050-13100-13150-13200-13250-13300-13350-13400-13450-13500-13550-13600-13650-13700-13750-13800-13850-13900-13950-14000-14050-14100-14150-14200-14250-14300-14350-14400-14450-14500-14550-14600-14650-14700-14750-14800-14850-14900-14950-15000-15050-15100-15150-15200-15250-15300-15350-15400-15450-15500-15550-15600-15650-15700-15750-15800-15850-15900-15950-16000-16050-16100-16150-16200-16250-16300-16350-16400-16450-16500-16550-16600-16650-16700-16750-16800-16850-16900-16950-17000-17050-17100-17150-17200-17250-17300-17350-17400-17450-17500-17550-17600-17650-17700-17750-17800-17850-17900-17950-18000-18050-18100-18150-18200-18250-18300-18350-18400-18450-18500-18550-18600-18650-18700-18750-18800-18850-18900-18950-19000-19050-19100-19150-19200-19250-19300-19350-19400-19450-19500-19550-19600-19650-19700-19750-19800-19850-19900-19950-20000-20050-20100-20150-20200-20250-20300-20350-20400-20450-20500-20550-20600-20650-20700-20750-20800-20850-20900-20950-21000-21050-21100-21150-21200-21250-21300-21350-21400-21450-21500-21550-21600-21650-21700-21750-21800-21850-21900-21950-22000-22050-22100-22150-22200-22250-22300-22350-22400-22450-22500-22550-22600-22650-22700-22750-22800-22850-22900-22950-23000-23050-23100-23150-23200-23250-23300-23350-23400-23450-23500-23550-23600-23650-23700-23750-23800-23850-23900-23950-24000-24050-24100-24150-24200-24250-24300-24350-24400-24450-24500-24550-24600-24650-24700-24750-24800-24850-24900-24950-25000-25050-25100-25150-25200-25250-25300-25350-25400-25450-25500-25550-25600-25650-25700-25750-25800-25850-25900-25950-26000-26050-26100-26150-26200-26250-26300-26350-26400-26450-26500-26550-26600-26650-26700-26750-26800-26850-26900-26950-27000-27050-27100-27150-27200-27250-27300-27350-27400-27450-27500-27550-27600-27650-27700-27750-27800-27850-27900-27950-28000-28050-28100-28150-28200-28250-28300-28350-28400-28450-28500-28550-28600-28650-28700-28750-28800-28850-28900-28950-29000-29050-29100-29150-29200-29250-29300-29350-29400-29450-29500-29550-29600-29650-29700-29750-29800-29850-29900-29950-30000-30050-30100-30150-30200-30250-30300-30350-30400-30450-30500-30550-30600-30650-30700-30750-30800-30850-30900-30950-31000-31050-31100-31150-31200-31250-31300-31350-31400-31450-31500-31550-31600-31650-31700-31750-31800-31850-31900-31950-32000-32050-32100-32150-32200-32250-32300-32350-32400-32450-32500-32550-32600-32650-32700-32750-32800-32850-32900-32950-33000-33050-33100-33150-33200-33250-33300-33350-33400-33450-33500-33550-33600-33650-33700-33750-33800-33850-33900-33950-34000-34050-34100-34150-34200-34250-34300-34350-34400-34450-34500-34550-34600-34650-34700-34750-34800-34850-34900-34950-35000-35050-35100-35150-35200-35250-35300-35350-35400-35450-35500-35550-35600-35650-35700-35750-35800-35850-35900-35950-36000-36050-36100-36150-36200-36250-36300-36350-36400-36450-36500-36550-36600-36650-36700-36750-36800-36850-36900-36950-37000-37050-37100-37150-37200-37250-37300-37350-37400-37450-37500-37550-37600-37650-37700-37750-37800-37850-37900-37950-38000-38050-38100-38150-38200-38250-38300-38350-38400-38450-38500-38550-38600-38650-38700-38750-38800-38850-38900-38950-39000-39050-39100-39150-39200-39250-39300-39350-39400-39450-39500-39550-39600-39650-39700-39750-39800-39850-39900-39950-40000-40050-40100-40150-40200-40250-40300-40350-40400-40450-40500-40550-40600-40650-40700-40750-40800-40850-40900-40950-41000-41050-41100-41150-41200-41250-41300-41350-41400-41450-41500-41550-41600-41650-41700-41750-41800-41850-41900-41950-42000-42050-42100-42150-42200-42250-42300-42350-42400-42450-42500-42550-42600-42650-42700-42750-42800-42850-42900-42950-43000-43050-43100-43150-43200-43250-43300-43350-43400-43450-43500-43550-43600-43650-43700-43750-43800-43850-43900-43950-44000-44050-44100-44150-44200-44250-44300-44350-44400-44450-44500-44550-44600-44650-44700-44750-44800-44850-44900-44950-45000-45050-45100-45150-45200-45250-45300-45350-45400-45450-45500-45550-45600-45650-45700-45750-45800-45850-45900-45950-46000-46050-46100-46150-46200-46250-46300-46350-46400-46450-46500-46550-46600-46650-46700-46750-46800-46850-46900-46950-47000-47050-47100-47150-47200-47250-47300-47350-47400-47450-47500-47550-47600-47650-47700-47750-47800-47850-47900-47950-48000-48050-48100-48150-48200-48250-48300-48350-48400-48450-48500-48550-48600-48650-48700-48750-48800-48850-48900-48950-49000-49050-49100-49150-49200-49250-49300-49350-49400-49450-49500-49550-49600-49650-49700-49750-49800-49850-49900-49950-50000-50050-50100-50150-50200-50250-50300-50350-50400-50450-50500-50550-50600-50650-50700-50750-50800-50850-50900-50950-51000-51050-51100-51150-51200-51250-51300-51350-51400-51450-51500-51550-51600-51650-51700-51750-51800-51850-51900-51950-52000-52050-52100-52150-52200-52250-52300-52350-52400-52450-52500-52550-52600-52650-52700-52750-52800-52850-52900-52950-53000-53050-53100-53150-53200-53250-53300-53350-53400-53450-53500-53550-53600-53650-53700-53750-53800-53850-53900-53950-54000-54050-54100-54150-54200-54250-54300-54350-54400-54450-54500-54550-54600-54650-54700-54750-54800-54850-54900-54950-55000-55050-55100-55150-55200-55250-55300-55350-55400-55450-55500-55550-55600-55650-55700-55750-55800-55850-55900-55950-56000-56050-56100-56150-56200-56250-56300-56350-56400-56450-56500-56550-56600-56650-56700-56750-56800-56850-56900-56950-57000-57050-57100-57150-57200-57250-57300-57350-57400-57450-57500-57550-57600-57650-57700-57750-57800-57850-57900-57950-58000-58050-58100-58150-58200-58250-58300-58350-58400-58450-58500-58550-58600-58650-58700-58750-58800-58850-58900-58950-59000-59050-59100-59150-59200-59250-59300-59350-59400-59450-59500-59550-59600-59650-59700-59750-59800-59850-59900-59950-60000-60050-60100-60150-60200-60250-60300-60350-60400-60450-60500-60550-60600-60650-60700-60750-60800-60850-60900-60950-61000-61050-61100-61150-61200-61250-61300-61350-61400-61450-61500-61550-61600-61650-61700-61750-61800-61850-61900-61950-62000-62050-62100-62150-62200-62250-62300-62350-62400-62450-62500-62550-62600-62650-62700-62750-62800-62850-62900-62950-63000-63050-63100-63150-63200-63250-63300-63350-63400-63450-63500-63550-63600-63650-63700-63750-63800-63850-63900-63950-64000-64050-64100-64150-64200-64250-64300-64350-64400-64450-64500-64550-64600-64650-64700-64750-64800-64850-64900-64950-65000-65050-65100-65150-65200-65250-65300-65350-65400-65450-65500-65550-65600-65650-65700-65750-65800-65850-65900-65950-66000-66050-66100-66150-66200-66250-66300-66350-66400-66450-66500-66550-66600-66650-66700-66750-66800-66850-66900-66950-67000-67050-67100-67150-67200-67250-67300-67350-67400-67450-67500-67550-67600-67650-67700-67750-67800-67850-67900-67950-68000-68050-68100-68150-68200-68250-68300-68350-68400-68450-68500-68550-68600-68650-68700-68750-68800-68850-68900-68950-69000-69050-69100-69150-69200-69250-69300-69350-69400-69450-69500-69550-69600-69650-69700-69750-69800-69850-69900-69950-70000-70050-70100-70150-70200-70250-70300-70350-70400-70450-70500-70550-70600-70650-70700-70750-70800-70850-70900-70950-71000-71050-71100-71150-71200-71250-71300-71350-71400-71450-71500-71550-71600-71650-71700-71750-71800-71850-71900-71950-72000-72050-72100-72150-72200-72250-72300-72350-72400-72450-72500-72550-72600-72650-72700-72750-72800-72850-72900-72950-73000-73050-73100-73150-73200-73250-73300-73350-73400-73450-73500-73550-73600-73650-73700-73750-73800-73850-73900-73950-74000-74050-74100-74150-74200-74250-74300-74350-74400-74450-74500-74550-74600-74650-74700-74750-74800-74850-74900-74950-75000-75050-75100-75150-75200-75250-75300-75350-75400-75450-75500-75550-75600-75650-75700-75750-75800-75850-75900-75950-76000-76050-76100-76150-76200-76250-76300-76350-76400-76450-76500-76550-76600-76650-76700-76750-76800-76850-76900-76950-77000-77050-77100-77150-77200-77250-77300-77350-77400-77450-77500-77550-77600-77650-77700-77750-77800-77850-77900-77950-78000-78050-78100-78150-78200-78250-78300-78350-78400-78450-78500-78550-78600-78650-78700-78750-78800-78850-78900-78950-79000-79050-79100-79150-79200-79250-79300-79350-79400-79450-79500-79550-79600-79650-79700-79750-79800-79850-79900-79950-80000-80050-80100-80150-80200-80250-80300-80350-80400-80450-80500-80550-80600-80650-80700-80750-80800-80850-80900-80950-81000-81050-81100-81150-81200-81250-81300-81350-81400-81450-81500-81550-81600-81650-81700-81750-81800-81850-81900-81950-82000-82050-82100-8215