

IRI, FCU, UL, UFFS SERIES  
CYLINDER AND CHEST HEATED IRONERS



**SERIOUS ABOUT LAUNDRY.**

**UniMac**<sup>®</sup>

## FCU, FCUR/F, FCUFF CYLINDER HEATED IRONERS

MODELS	FCU320	FCU500	FCU800	FCUR500
Roll Diameter - mm (in)	320 (13)	502 (20)	807 (32)	502 (20)
Finishing Width - mm (in)	1664 (66), 2080 (82)	1600 (63), 2000 (79), 2600 (102), 3200 (126)	3186 (125)	2000 (79), 2600 (102), 3200 (126)
Ironing Speed m (ft) / min	1-6 (3-20)	1.5-8 (5-26)	3-15 (10-49)	1.5-8 (5-26)
Ironer Dimensions (working position)				
Width - mm (in)	2194 (86 1/2), 2610 (102 3/4)	2350 (92 1/2), 2750 (108 1/4), 3350 (132), 3950 (155 1/2)	4260 (167 3/4)	2750 (108 1/4), 3350 (132), 3950 (155 1/2)
Depth - mm (in)	765 (30)	1052 (41 1/2), 1052 (41 1/2), 1087 (42 3/4), 1087 (42 3/4)	1915 (75 1/2)	1528 (60 1/4)
Height - mm (in)	1110 (43 3/4)	1232 (48 1/2)	1985 (78 1/4)	1568 (61 3/4)
Roll Motor - kW (HP)	0.18 (0.24)	0.37 (0.50)	0.75 (1.0)	0.37 (0.50)
Other Motors - kW (HP)	-	-	-	0.2 (0.27)
Roll Exhaust Motor kW (HP)				
50Hz	0.095 (0.13)	0.18 (0.24), 0.18 (0.24), 2 x 0.18 (0.24), 2 x 0.18 (0.24)	2 x 0.55 (0.74)	0.18 (0.24), 2 x 0.18 (0.24), 2 x 0.18 (0.24)
60Hz	0.125 (0.17)	0.255 (0.34), 0.255 (0.34), 2 x 0.255 (0.34), 2 x 0.255 (0.34)	2 x 0.55 (0.74)	0.255 (0.34), 2 x 0.255 (0.34), 2 x 0.255 (0.34)
Roll Exhaust Duct - mm (in)	150 (6), 150 (6)	150 (6), 150 (6), 2 x 150 (6), 2 x 150 (6)	2 x 120 (4 3/4)	150 (6), 2 x 150 (6), 2 x 150 (6)
Front and Rear Return Feed	N/A	N/A	N/A	Standard
Integrated Length Folder	N/A	N/A	N/A	N/A
Integrated Feeder and Folder	N/A	N/A	N/A	N/A
Electric Heating				
E heat input power - kW (HP)	24.3 (32.6), 27.9 (37.4)	32.4 (43.4), 37.2 (49.9), 54.0 (72.4), 64.8 (86.9)	75 (100.6)	37.2 (49.9), 54.0 (72.4), 64.8 (86.9)
Gas Heating				
Maximum Gas Input - kW (BTU)	25 (85,303), 30 (102,364)	30 (102,364), 36 (122,837), 52 (177,431), 66 (225,201)	110 (375,335)	36 (122,837), 52 (177,431), 66 (225,201)
Gas Inlet - mm (in)	19 (3/4)	19 (3/4)	25 (1)	19 (3/4)
Steam Heating				
Steam Consumption - kg/h	N/A	36 (80), 49 (108), 68 (150), 88 (194)	190 (419)	49 (108), 68 (150), 88 (194)
Steam Inlet - mm (in)	N/A	19 (3/4)	25 (1)	19 (3/4)
Voltage/Hz/Phase	380-415+N/50,60Hz/3, 380-415-N/50,60Hz/3, 440V/60Hz/3, 208-240V/50,60Hz/3, 208-240V/50,60Hz/1-Gas only	208-240V/50-60Hz/3, 380-415V + N/50-60Hz/3, 380-415/50-60/3, 440/60/3	208-240V/50-60Hz/3, 380-415V + N/50-60Hz/3, 380-415/50-60/3, 440/60/3	380-415+N/50,60Hz/3, 380-415-N/50,60Hz/3, 208-240V/50,60Hz/3, 440-480/50-60/3
Shipping Dimensions				
Type	Carton / Box	Crating	Crating	Crating
Height - mm (in)	1250 (49 1/4) / 1245 (49)	1550 (59)	2075 (81 3/4)	1890 (74 1/2)
Width - mm (in)	2185 (86), 2600 (102 1/4)	2485 (97 3/4), 2885 (113 1/2), 3485 (137 1/4), 4085 (160 3/4)	4330 (170 1/2)	2885 (113 1/2), 3485 (137 1/4), 4085 (160 3/4)
Depth - mm (in)	750 (29 1/2) / 780 (30 3/4)	1095 (43)	1940 (76 1/2)	1290 (50 3/4)
Net Weight - kg (lb)	E 435 (959) / G 410 (904), E 490 (1080) / G 465 (1025)	E 890 (1962) / S 900 (1984) / G 920 (2028), E 1020 (2249) / S 1070 (2359) / G 1150 (2535), E 1260 (2778) / S 1280 (2822) / G 1290 (2844), E 1470 (3241) / S 1540 (3395) / G 1590 (3505)	E 2610 (5754) / S 2900 (6393) / G 2480 (5467)	E 1090 (2403) / S 1140 (2513) / G 1230 (2712), E 1350 (2976) / S 1350 (2976) / G 1380 (3042), E 1490 (3285) / S 1520 (3351) / G 1580 (3483)
Shipping Weight - kg (lb)	E 605 (1334) / G 580 (1279) E 690 (1521) / G 665 (1466)	E 1130 (2491) / S 1140 (2513) / G 1160 (2557) E 1285 (2833) / S 1335 (2943) / G 1415 (3120) E 1580 (3483) / S 1600 (3527) / G 1610 (3549) E 1830 (4034) / S 1900 (4189) / G 1950 (4299)	E 2700 (5952) / S 3000 (6614) / G 2570 (5666)	E 1330 (2932) / S 1370 (3020) / G 1460 (3219), E 1600 (3527) / S 1600 (3527) / G 1620 (3571), E 1810 (3990) / S 1840 (4057) / G 1900 (4189)
Agency Approvals	CE	CE	CE	CE

FCUF500	FCUR800	FCUF800	FCUFF500	FCUFF800
502 (20)	807 (32)	807 (32)	502 (20)	807 (32)
2000 (79), 2600 (102), 3200 (126)	3186 (125)	3186 (125)	2000 (79), 2600 (102), 3200 (126)	3186 (125)
1.5-8 (5-26)	3-15 (10-49)	3-8 (10-26)	1.5-8 (5-26)	N/A
2750 (108 1/4), 3350 (132), 3950 (155 1/2)	4260 (167 3/4)	4260 (167 3/4)	2850 (112 1/4), 3450 (135 3/4), 4050 (159 1/2)	N/A
1620 (63 3/4)	2129 (83 3/4)	2129 (83 3/4)	1790 (70 1/2)	N/A
1568 (61 3/4)	1970 (77 1/2)	1970 (77 1/2)	1760 (69 1/4)	N/A
0.37 (0.50)	0.75 (1.00)	0.75 (1.00)	0.37 (0.50)	N/A
0.3 (0.4)	0.3 (0.4)	0.4 (0.54)	0.5 (0.67)	N/A
0.18 (0.24), 2 x 0.18 (0.24), 2 x 0.18 (0.24)	2 x 0.55 (0.74)	2 x 0.55 (0.74)	0.18 (0.24), 2 x 0.18 (0.24), 2 x 0.18 (0.24)	2 x 0.55 (0.74)
0.255 (0.34), 2 x 0.255 (0.34), 2 x 0.255 (0.34)	2 x 0.75 (1.00)	2 x 0.75 (1.00)	0.255 (0.34), 2 x 0.255 (0.34), 2 x 0.255 (0.34)	2 x 0.55 (0.74)
150 (6), 2 x 150 (6), 2 x 150 (6)	2 x 120 (4 3/4)	2 x 120 (4 3/4)	150 (6), 2 x 150 (6), 2 x 150 (6)	2 x 120 (4 3/4)
Option	Standard	Standard	Standard	Standard
Standard	N/A	Standard	Standard	Standard
N/A	N/A	N/A	Standard	Standard
37.2 (49.9), 54.0 (72.4), 64.8 (86.9)	75 (100.6)	75 (100.6)	37.2 (49.9), 54.0 (72.4 for 208-240), 70.2 (94.1 for 380-415), 64.8 (86.9)	75 (100.6)
36 (122,837), 52 (177,431), 66 (225,201)	110 (375,335)	110 (375,335)	36 (122,837), 52 (177,431), 66 (225,201)	110 (375,335)
19 (3/4)	25 (1)	25 (1)	19 (3/4)	25 (1)
49 (108), 68 (150), 88 (194)	190 (419)	190 (419)	49 (108), 68 (150), 88 (194)	190 (419)
19 (3/4)	25 (1)	25 (1)	19 (3/4)	25 (1)
380-415+N/50,60Hz/3, 380-415-N/50,60Hz/3, 208-240V/50,60Hz/3, 440-480/50-60/3	208-240V/50-60Hz/3, 380-415V + N/50-60Hz/3, 380-415/50-60/3, 440-480/50-60/3	380-415+N/50,60Hz/3, 380-415-N/50,60Hz/3, 208-240V/50,60Hz/3, 440-480/50-60/3	208-240/50-60/3, 380-415/50-60/3, 380-415/50-60/3 + N, 440-480/50-60/3	208-240/50-60/3, 380-415/50-60/3, 380-415/50-60/3 + N, 440-480/50-60/3
Crating	Crating	Crating	Crating	Crating
1890 (74 1/2)	2075 (81 3/4)	2075 (81 3/4)	2080 (82)	N/A
2885 (113 1/2), 3485 (137 1/4), 4085 (160 3/4)	4330 (170 1/2)	4330 (170 1/2)	2985 (117 1/2), 3585 (141 1/4), 4185 (164 3/4)	N/A
1290 (50 3/4)	1940 (76 1/2)	1940 (76 1/2)	1440 (56 3/4)	N/A
E 1460 (3219) / S 1510 (3329) / G 1600 (3527) E 1785 (3935) / S 1785 (3935) / G 1795 (3935) E 1990 (4387) / S 2020 (4453) / G 2080 (4586)	E 2900 (6393) / S 3190 (7033) / G 2770 (6107)	E 3010 (6636) / S 3300 (7275) / G 2880 (6349)	E 1690 (3726) / S 1720 (3792) / G 1700 (3748), E 2060 (4542) / S 2100 (4630) / G 2180 (4806), E 2360 (5203) / S 2380 (5247) / G 2400 (5291)	N/A
E 1390 (3064) / S 1430 (3153) / G 1520 (3351), E 1680 (3704) / S 1680 (3704) / G 1700 (3748), E 1910 (4211) / S 1940 (4277) / G 2000 (4409)	E 3150 (6945) / S 3440 (7584) / G 3020 (6658)	E 3260 (7187) / S 3550 (7826) / G 3130 (6900)	E 2040 (4497) / S 2070 (4564) / G 2050 (4519) E 2460 (5423) / S 2500 (5512) / G 2580 (5688) E 2805 (6184) / S 2825 (6228) / G 2845 (6272)	N/A
CE	CE	CE	CE	N/A

# IRI CYLINDER HEATED IRONERS

MODELS	IRI1000/20	IRI1000/25	IRI1200/20	IRI1200/25	IRI1400/25	IRI1400/30	IRI1600/30	IRI2000/30	
Option A *	No	No	No	No	No	No	Yes	No	
Option AV **	No	No	No	No	Yes	Yes	Yes	Standard	
Roller length - mm (in)	1000 (40)	1000 (40)	1200 (47)	1200 (47)	1400 (55)	1400 (55)	1600 (64)	2000 (79)	
Roller diameter - mm (in)	200 (8)	250 (10)	200 (8)	250 (10)	250 (10)	300 (12)	300 (12)	300 (12)	
Roller Ironing speed - m/min (ft/min)	3,3 (10.8)	3,8 (12.5)	3,3 (10.8)	3,8 (12.5)	3,8 (12.5)	2,7 / 4,3 (8.9/14.1)	2,7 / 4,3 (8.9/14.1)	1-5 (3.3-16.4)	
					1-5*** (3.3-16.4)	1-5*** (3.3-16.4)	1-5*** (3.3-16.4)		
Linen return	Front	Front	Front	Front	Front	Front	Front	Front	
Hourly output - kg/h (lb/h)	20 (44)	25 (55)	25 (55)	30 (66)	35 (77)	40 (88)	50 (110)	60 (132)	
Residual moisture (%)	15	15-20	15	15-20	15-20	25	25	25	
Steam extraction - m³/h (ft³/h)	–	–	–	–	80 (2825)	80 (2825)	80 (2825)	80 (2825)	
Diameter exhaust - mm (in)	–	–	–	–	70 x 55 (2.8 x 2.2)	70 x 55 (2.8 x 2.2)	70 x 55 (2.8 x 2.2)	70 x 55 (2.8 x 2.2)	
Heating power - kW (HP)	3,6 (4.83)	6 (8.05)	4 (5.36)	6,9 (9.25)	7,5 (10.06)	9,9 (13.28)	11,4 (15.29)	15 (20.12)	
Total power - kW (HP)	3,78 (5.07)	6,18 (8.29)	4,18 (5.61)	7,08 (9.49)	7,68 (10.3)	11 (14.75)	12,5 (16.76)	16,1 (21.59)	
Voltage/Hz/Phase Circuit Breaker									
Electric 230V/50Hz/3	16 A	20 A	16 A	25 A	25 A	40 A	40 A	50 A	
Electric 230V/60Hz/3	16 A	20 A	16 A	25 A	25 A	40 A	40 A	50 A	
Electric 400V/50Hz/3+N	16 A	16 A	16 A	16 A	16 A	25 A	25 A	25 A	
Electric 400V/60Hz/3+N	16 A	16 A	16 A	16 A	16 A	25 A	25 A	25 A	
Electric 400V/60Hz/3 (no N)	16 A	16 A	16 A	16 A	16 A	25 A	25 A	25 A	
Dimensions - mm (in)	H	993 (39)	1003 (39 1/2)	993 (39)	1003 (39 1/2)	1003 (39 1/2)	1073 (42 1/4)	1073 (42 1/4)	1073 (42 1/4)
	W	1305 (51 1/2)	1440 (56 3/4)	1505 (59 1/4)	1640 (64 1/2)	1840 (72 1/2)	1890 (74 1/2)	2090 (82 1/4)	2490 (98)
	D	420 (16 1/2)	420 (16 1/2)	420 (16 1/2)	420 (16 1/2)	420 (16 1/2)	552 (21 3/4)	552 (21 3/4)	552 (21 3/4)
Packing dimensions - mm (in)	H	1120 (44)	1160 (45 3/4)	1120 (44)	1160 (45 3/4)	1160 (45 3/4)	1260 (49 1/2)	1260 (49 1/2)	1350 (53)
	W	1450 (57)	1650 (65)	1650 (65)	1850 (72 3/4)	2050 (80 3/4)	2100 (82 3/4)	2300 (90 1/2)	2700 (106 1/4)
	D	550 (21 3/4)	550 (21 3/4)	550 (21 3/4)	550 (21 3/4)	550 (21 3/4)	660 (26)	660 (26)	660 (26)
Volume packing - m³ (f3)	0,88 (31.1)	1,02 (36)	1,02 (36)	1,18 (41.7)	1,31 (46.3)	1,75 (61.8)	1,91 (67.5)	2,41 (85.1)	
Weight - kg (lb)	Net	74 (163)	94 (207)	80,5 (177)	100 (220)	106 (234)	209 (461)	221 (487)	243 (536)
	Ship	85.5 (188)	119 (262)	93 (205)	124 (273)	128 (282)	232 (511)	245 (540)	271 (597)

\* Option A = steam extraction

\*\* Option AV = frequency inverter + steam extraction

\*\*\* Ironing speed for models with option AV

## UL300 AND UL370 CHEST HEATED IRONERS

MODELS	UL300	UL370
Roll diameter - mm (in)	300 (12)	370 (15)
<b>Chest</b>		
Length - mm (in)	500 (20)	655 (26)
Width - mm (in)	1800 (71)	1750 (69) / 2000 (79) / 2200 (87) / 2500 (98) / 3000 (118)
Surface - m <sup>2</sup> (ft <sup>2</sup> )	0.9 (9.7)	1.15 (12.4) / 1.31 (14.1) / 1.44 (15.5) / 1.64 (17.7) / 1.97 (21.2)
<b>Ironing speed</b>		
Normal speed - m/min (ft/min)	1-4 (3.3-13.1)	1-3 (3.3-9.8)
High speed (optional) - m/min (ft/min)	1.5-4 (4.9-13.1)	1 - 6.5 (3.3-21.3)
<b>Average output/production (elec &amp; gas)</b>		
50% residual moisture - kg/hour (lb/hr)	30 (66)	48 (106) / 54 (119) / 60 (132) / 67 (148) / 81 (179)
45% RM - kg/hour (lb/hr)	33.33 (74)	53.3 (118) / 60 (132) / 66.7 (147) / 74.4 (164) / 90 (198)
25% RM - kg/hour (lb/hr)	60 (132)	96 (212) / 108 (238) / 120 (265) / 134 (295) / 162 (357)
Evaporation* - liter H <sup>2</sup> O/hour (g/hr)	15 (4)	24 (6.3) / 27 (7.1) / 30 (7.9) / 33.5 (8.8) / 40.5 (10.7)
<b>Average output/production (steam)</b>		
50% residual moisture - kg/hour (lb/hr)	-	- / - / - / - / -
45% RM - kg/hour (lb/hr)	-	- / - / - / - / -
25% RM - kg/hour (lb/hr)	-	- / - / - / - / -
Evaporation* - liter H <sup>2</sup> O/hour (g/hr)	-	- / - / - / - / -
<b>Operation</b>		
Maximum width of linen	Wide of chest -2%	Wide of chest -2%
Maximum temperature - C° (F)	185 (365)	200 (392)
Minimum temperature - C° (F)	150 (302)	150 (302)
Table height (pass through) - mm (in)	925 (36.4)	915 (36)
<b>Electric heating</b>		
Fan motor - (kW (HP) / rpm)	0.062 (0.08) / 2550 (Return feed model electric) 0.034 (0.05) / 2550 (Return feed model gas + pass through model electric and gas)	0.25 (0.34) / 2830
Roll motor - (kW (HP) / rpm)	0.18 (0.24) / 1380	0.18 (0.24) / 1350
Roll motor (high speed option) (rpm)	-	0.37 / 1350
Hydraulic pump motor (rpm)	-	0.37 / 1375
Oil circulation pump - kW / rpm (HP/rpm)	-	2.2 (2.95) / 2880
Heating (kW)	15	30 / 30 / 30 / 35 / 40
Voltage/Hz/Phase	380-415/50/3 +N, 440-480/60/3 +N, 230/50-60/3, 230/50-60/3+N	380-415/50/3 +N, 440-480/60/3 +N, 230/50-60/3, 230/50-60/3+N
Amps electric heating (A)	25	50 / 50 / 50 / 63 / 63
<b>Gas heating</b>		
Gas inlet (inch)	1/2	1/2
Exhaust - mm (in)	80 (3.1)	90 (3 1/2)
Gas pressure (mbar)	20	20
Consumption (kW/hour)	13.50	25.123 / 28.13 / 31.43 / 35.02 / 42.389
Consumption (kcal/hour)	11.611	21.600 / 24.186 / 27.023 / 30.109 / 36.445
Voltage/Hz/Phase	230/50/1	
Amps gas heating (A)	16A	16 / 16 / 16 / 16 / 16
<b>Steam heating</b>		
Steam pressure	-	- / - / - / - / -
Steam connection	-	- / - / - / - / -
Condense connection	-	- / - / - / - / -
Consumption @ 12bar (kg/hour)	-	- / - / - / - / -
Consumption @ 10bar (kg/hour)	-	- / - / - / - / -
Consumption @ 8bar (kg/hour)	-	- / - / - / - / -
Consumption @ 6bar (kg/hour)	-	- / - / - / - / -
Amps steam heating (A)	-	- / - / - / - / -
<b>Dimensions</b>		
Height - mm (in)	1110 (43 3/4)	1200 (47 1/4) / 1200 (47 1/4) / 1200 (47 1/4) / 1200 (47 1/4) / 1200 (47 1/4)
Width - mm (in)	2255 (88 3/4)	2474 (97 1/2) / 2724 (107 1/4) / 2924 (115) / 3224 (127) / 3724 (146 1/2)
Depth pass-through model - mm (in)	1390 (54 3/4)	1520 (59 3/4) / 1520 (59 3/4) / 1520 (59 3/4) / 1520 (59 3/4) / 1520 (59 3/4)
Depth return feed model - mm (in)	790 (31)	1175 (46 1/4) / 1175 (46 1/4) / 1175 (46 1/4) / 1175 (46 1/4) / 1175 (46 1/4)
<b>Packing dimensions</b>		
Height - mm (in)	1250 (49 1/4)	1300 (51 1/4) / 1300 (51 1/4) / 1300 (51 1/4) / 1300 (51 1/4) / 1300 (51 1/4)
Width - mm (in)	2350 (92 1/2)	2574 (101 1/4) / 2824 (111 1/4) / 3024 (119) / 3324 (130 3/4) / 3824 (150 1/2)
Depth - mm (in)	800 (31 1/2)	Pass-through models: 1050 (41 1/4), Return feed models: 1275 (50 1/4)
Volume - m <sup>3</sup> (ft <sup>3</sup> )	2.35 (83)	3.51 (124) / 3.85 (136) / 4.13 (145.8) / 4.54 (160.3) / 5.22 (184.3)
Weight - net kg (lb)	350 (772)	700 (1543) / 782 (1724) / 862 (1900) / 983 (2167) / 1203 (2652)
Weight - gross kg (lb)	370 (816)	730 (1609) / 812 (1790) / 892 (1967) / 1013 (2233) / 1233 (2718)

\*Standard testing values: 180g/m<sup>2</sup>, 50% humidity, 50/50 poly-cotton sheets, 80% use of the machine

# UL500, UL600 AND UL800 CHEST HEATED IRONERS

MODELS	UL500	UL600	UL800
Roll diameter - mm (in)	500 (20)	600 (24)	800 (32)
<b>Chest</b>			
Length - mm (in)	860 (34)	940 (37)	1440 (57)
Width - mm (in)	1750 (69) / 2000 (79) / 2200 (87) / 2500 (98) / 3000 (118) / 3300 (130)	1750 (69) / 2000 (79) / 2200 (87) / 2500 (98) / 3000 (118) / 3300 (130)	1750 (69) / 2000 (79) / 2200 (87) / 2500 (98) / 3000 (118) / 3300 (130)
Surface - m <sup>2</sup> (ft <sup>2</sup> ) Electric and gas	1.505 (16.2) / 1.72 (18.5) / 1.89 (20.3) / 2.15 (23.1) / 2.58 (27.8) / 2.84 (30.6)	1.645 (17.7) / 1.88 (20.2) / 2.068 (22.3) / 2.35 (25.3) / 2.82 (30.4) / 3.102 (33.4)	2.52 (27.1) / 2.88 (31) / 3.168 (34.1) / 3.6 (38.8) / 4.32 (46.5) / 4.752 (51.2)
Surface - m <sup>2</sup> (ft <sup>2</sup> ) Steam	1.44 (15.5) / 1.64 (17.7) / 1.804 (19.4) / 2.05 (22.1) / 2.46 (26.5) / 2.71 (29.2)	1.575 (17) / 1.8 (19.4) / 1.98 (21.3) / 2.25 (24.2) / 2.7 (29.1) / 2.97 (32)	2.345 (25.2) / 2.68 (28.8) / 2.948 (31.7) / 3.35 (36.1) / 4.02 (43.3) / 4.422 (47.6)
<b>Ironing speed</b>			
Normal speed - m/min (ft/min)	1,5 - 5,5 (4.9-18)	1,5 - 6,5 (4.9-21.3)	3 - 12 (9.8-39.4)
High speed (optional) - mm (in)	3,5 - 12 (11.5-39.4)	3,5 - 14 (11.5-45.9)	3,5 - 16 (11.5-52.5)
<b>Average output/production (elec &amp; gas)</b>			
50% residual moisture - kg/hour (lb/hr)	65 (143) / 75 (165) / 82 (181) / 95 (209) / 115 (254) / 125 (276)	100 (220) / 109 (240) / 126 (278) / 140 (309) / 160 (353) / 175 (386)	132 (291) / 152 (335) / 166 (366) / 189 (417) / 227 (500) / 250 (551)
45% RM - kg/hour (lb/hr)	71.5 (158) / 82.5 (182) / 90.2 (199) / 104.5 (230) / 126.5 (279) / 137.5 (303)	110 (243) / 119.9 (264) / 138.6 (306) / 154 (340) / 176 (388) / 192.5 (424)	145 (320) / 167 (368) / 182.6 (403) / 207.9 (458) / 149.7 (330) / 275 (606)
25% RM - kg/hour (lb/hr)	130 (287) / 150 (331) / 164 (362) / 190 (419) / 230 (507) / 250 (551)	200 (441) / 218 (481) / 252 (556) / 280 (617) / 320 (705) / 350 (772)	264 (582) / 304 (670) / 332 (732) / 378 (833) / 454 (1001) / 500 (1102)
Evaporation* - liter H <sub>2</sub> O/hour (g/hr)	30.99 / 35.76 / 39.10 / 45.29 / 54.83 / 59.60	50 (13.2) / 54.5 (14.4) / 63 (16.6) / 70 (18.5) / 80 (21.1) / 87.5 (23.1)	66 (17.4) / 76 (20.1) / 83 (21.9) / 94.5 (25) / 113.5 (30) / 125 (33)
<b>Average output/production (steam)</b>			
50% residual moisture - kg/hour (lb/hr)	61.97 (137) / 71.51 (158) / 78.19 (172) / 90.58 (200) / 109.65 (242) / 119.19 (263)	95.74 (211) / 104.36 (230) / 120.60 (266) / 134 (295) / 153.19 (338) / 167 (368)	123 (271) / 141 (311) / 154 (340) / 175 (386) / 211 (465) / 232 (511)
45% RM - kg/hour (lb/hr)	68.17 (150) / 78.66 (173) / 86.01 (190) / 99.64 (220) / 120.62 (266) / 131.11 (289)	105.31 (232) / 114.80 (253) / 132.66 (292) / 147.40 (325) / 168.51 (372) / 183.70 (405)	135.30 (298) / 155 (342) / 169 (373) / 192 (423) / 232 (511) / 255 (562)
25% RM - kg/hour (lb/hr)	123.96 (273) / 143.02 (315) / 156.38 (345) / 181.16 (399) / 219.30 (483) / 238.38 (526)	191.48 (400) / 208.72 (460) / 241.20 (532) / 268 (591) / 306.38 (675) / 334 (736)	246 (542) / 282 (622) / 308 (679) / 350 (772) / 422 (930) / 464 (1023)
Evaporation* - liter H <sub>2</sub> O/hour (g/hr)	30.99 (8.2) / 35.76 (9.4) / 39.10 (10.3) / 45.29 (12) / 54.83 (14.5) / 59.60 (15.7)	47.87 (12.6) / 52.18 (13.8) / 60.30 (15.9) / 67 (17.7) / 76.60 (20.2) / 83.50 (22.1)	61.50 (16.2) / 70.50 (18.6) / 77 (20.3) / 87.50 (23.1) / 105.50 (27.9) / 116 (30.6)
<b>Operation</b>			
Maximum width of linen	Wide of chest -2%	Wide of chest -2%	Wide of chest -2%
Maximum temperature - C° (F)	200 (392)	200 (392)	200 (392)
Minimum temperature - C° (F)	150 (302)	150 (302)	150 (302)
Table height (pass through) - mm (in)	915 (36)	1045 (44.1)	1030 (40.6)
<b>Electric heating</b>			
Fan motor - kW / rpm (HP/rpm)	0.25 (0.34) / 2830	0.75 (1) / 2840	0.75 (1) / 2840
Roll motor - kW / rpm (HP/rpm)	0.37 (0.5) / 1370	1.5 (2) / 1390	2.2 (3) / 1410
Roll motor (high speed option) (rpm)	1.5 / 1390	2.2 / 1410	4 / 1430
Hydraulic pump motor - (rpm)	0.37 / 1375	0.37 / 1375	0.37 / 1375
Oil circulation pump - kW / rpm (HP/rpm)	2.2 (3) / 2880	2.2 (3) / 2880	3 (4) / 2890
Heating - (kW)	30 / 30 / 35 / 40 / 45 / 45	45 / 45 / 45 / 50 / 60 / 75	60 / 60 / 60 / 75 / 90 / 90
Voltage/Hz/Phase	380-400V / 50Hz / 3 + N	380-415/50/3 + N, 440-480/60/3 + N, 230/50-60/3, 230/50-60/3+N	380-415/50/3 +N, 440-480/60/3 +N, 230/50-60/3, 230/50-60/3+N
Amps electric heating (A)	50 / 50 / 63 / 63 / 80 / 80	80 / 80 / 80 / 80 / 100 / 125	100 / 100 / 100 / 125 / 160 / 160
<b>Gas heating</b>			
Gas inlet - (in)	1/2	3/4	3/4
Exhaust - mm (in)	90 (3 1/2)	125 (5)	125 (5)
Gas pressure (mbar)	20	20	20
Consumption (kW/hour)	34.05 / 39.29 / 42.97 / 49.76 / 60.24 / 65.48	52.38 / 57.13 / 65.96 / 73.33 / 83.81 / 91.67	69.16 / 79.54 / 86.90 / 98.90 / 125.70 / 130.95
Consumption (kcal/hour)	29.276 / 33.781 / 36.945 / 42.783 / 51.793 / 56.294	45.035 / 49.122 / 56.711 / 63.049 / 72.056 / 78.812	59.462 / 68.387 / 74.715 / 85.032 / 108.074 / 112.588
Amps gas heating (A)	16 / 16 / 16 / 16 / 16 / 16	40 / 40 / 40 / 40 / 40 / 40	40 / 40 / 40 / 40 / 40 / 40
<b>Steam heating</b>			
Steam pressure	min 6 bar – max 12 bar	min 6 bar – max 12 bar	min 6 bar – max 12 bar
Steam connection (in)	5/4	5/4	5/4
Condense connection (in)	3/4	3/4	3/4
Consumption @ 12bar - kg/hour (lb/hr)	54.53 (120) / 62.93 (139) / 68.81 (152) / 79.71 (176) / 96.49 (213) / 104.89 (231)	84.25 (186) / 91.84 (202) / 106.13 (234) / 117.92 (260) / 134.81 (297) / 146.96 (324)	108.24 (239) / 124.08 (274) / 135.52 (299) / 154 (340) / 185.68 (409) / 204.16 (450)
Consumption @ 10bar - kg/hour (lb/hr)	49.58 (109) / 57.21 (126) / 62.55 (138) / 72.46 (160) / 87.72 (193) / 95.35 (210)	76.59 (169) / 83.49 (184) / 96.48 (213) / 107.20 (236) / 122.55 (270) / 133.60 (295)	98.40 (217) / 112.80 (249) / 123.20 (272) / 140 (309) / 168.80 (372) / 185.60 (409)
Consumption @ 8bar - kg/hour (lb/hr)	44.62 (98) / 51.49 (114) / 56.30 (124) / 65.22 (144) / 78.95 (174) / 85.82 (189)	68.93 (152) / 75.14 (166) / 86.83 (191) / 96.48 (213) / 110.30 (243) / 120.24 (265)	88.56 (195) / 101.52 (224) / 110.88 (244) / 126 (278) / 151.92 (335) / 167.04 (368)
Consumption @ 6bar - kg/hour (lb/hr)	40.16 (89) / 46.34 (102) / 50.67 (112) / 58.70 (129) / 71.05 (157) / 77.24 (170)	62.04 (137) / 67.63 (149) / 78.15 (172) / 86.83 (191) / 99.27 (219) / 108.22 (239)	79.70 (176) / 91.37 (201) / 99.79 (220) / 113.40 (250) / 136.73 (301) / 150.34 (331)
Amps steam heating (A)	16 / 16 / 16 / 16 / 16 / 16	16 / 16 / 16 / 16 / 16 / 16	16 / 16 / 16 / 16 / 16 / 16
<b>Dimensions</b>			
Height - mm (in)	1200 (47 1/4) / 1200 (47 1/4) / 1200 (47 1/4) / 1200 (47 1/4) / 1200 (47 1/4) / 1200 (47 1/4)	1395 (55) / 1395 (55) / 1395 (55) / 1395 (55) / 1395 (55) / 1395 (55)	1415 (55 3/4) / 1415 (55 3/4) / 1415 (55 3/4) / 1415 (55 3/4) / 1415 (55 3/4) / 1415 (55 3/4)
Width - mm (in)	2600 (102 1/4) / 2850 (112 1/4) / 3150 (124) / 3350 (132) / 3850 (151 1/2) / 4150 (163 1/2)	2725 (107 1/4) / 2975 (117) / 3175 (125) / 3475 (136 3/4) / 3975 (156 1/2) / 4275 (168 1/4)	2910 (114 1/2) / 3160 (124 1/2) / 3360 (132 1/4) / 3660 (144) / 4160 (163 3/4) / 4460 (175 1/2)
Depth pass-through model - mm (in)	1715 (67 1/2) / 1715 (67 1/2) / 1715 (67 1/2) / 1715 (67 1/2) / 1715 (67 1/2) / 1715 (67 1/2)	1900 (74 3/4) / 1900 (74 3/4) / 1900 (74 3/4) / 1900 (74 3/4) / 1900 (74 3/4) / 1900 (74 3/4)	2035 (80) / 2035 (80) / 2035 (80) / 2035 (80) / 2035 (80) / 2035 (80)
Depth return feed model - mm (in)	1195 (47) / 1195 (47) / 1195 (47) / 1195 (47) / 1195 (47) / 1195 (47)	N/A	N/A
<b>Packing dimensions</b>			
Height - mm (in)	1300 (51 1/4) / 1300 (51 1/4) / 1300 (51 1/4) / 1300 (51 1/4) / 1300 (51 1/4) / 1300 (51 1/4)	1495 (58 3/4) / 1495 (58 3/4) / 1495 (58 3/4) / 1495 (58 3/4) / 1495 (58 3/4) / 1495 (58 3/4)	1515 (59 3/4) / 1515 (59 3/4) / 1515 (59 3/4) / 1515 (59 3/4) / 1515 (59 3/4) / 1515 (59 3/4)
Width pass-through model - mm (in)	2700 (106 1/4) / 2950 (116 1/4) / 3150 (124) / 3450 (135 3/4) / 3950 (155 1/2) / 4250 (167 1/4)	2825 (111 1/4) / 3075 (121) / 3275 (129) / 3575 (140 3/4) / 4075 (160 1/2) / 4375 (172 1/4)	3010 (118 1/2) / 3260 (128 1/4) / 3460 (132 1/4) / 3760 (148) / 4260 (167 3/4) / 4560 (179 1/2)
Width return feed model - mm (in)	2665 (105) / 2915 (114 3/4) / 3115 (122 3/4) / 3415 (134 1/2) / 3915 (154 1/4) / 4215 (166)	N/A	N/A
Depth pass-through model - mm (in)	1195 (47) / 1195 (47) / 1195 (47) / 1195 (47) / 1195 (47) / 1195 (47)	1595 (62 3/4) / 1595 (62 3/4) / 1595 (62 3/4) / 1595 (62 3/4) / 1595 (62 3/4) / 1595 (62 3/4)	1755 (69) / 1755 (69) / 1755 (69) / 1755 (69) / 1755 (69) / 1755 (69)
Depth return feed model - mm (in)	1295 (51) / 1295 (51) / 1295 (51) / 1295 (51) / 1295 (51) / 1295 (51)	N/A	N/A
Volume - m <sup>3</sup> (ft <sup>3</sup> )	4.19 (148) / 4.58 (162) / 4.89 (173) / 5.36 (189) / 6.14 (217) / 6.60 (233)	6.74 (238) / 7.33 (259) / 7.81 (276) / 8.52 (301) / 9.72 (343) / 10.43 (368)	8 (283) / 8.67 (306) / 9.2 (325) / 10 (353) / 11.33 (400) / 12.12 (428)
Weight – net - kg (lb)	1000 (2205) / 1200 (2646) / 1270 (2800) / 1350 (2976) / 1475 (3252) / 1600 (3527)	1800 (3968) / 2000 (4409) / 2200 (4850) / 2400 (5291) / 2600 (5732) / 2900 (6393)	2000 (4409) / 2200 (4850) / 2600 (5732) / 2800 (6173) / 3100 (6834) / 3400 (7496)
Weight – gross - kg (lb)	1030 (2271) / 1230 (2712) / 1300 (2866) / 1380 (3042) / 1505 (3318) / 1630 (3594)	1830 (4034) / 2030 (4475) / 2230 (4916) / 2430 (5357) / 2630 (5798) / 2930 (6460)	2030 (4475) / 2230 (4916) / 2630 (5798) / 2830 (6239) / 3130 (6900) / 3430 (7562)

\*Standard testing values: 180g/m<sup>2</sup>, 50% humidity, 50/50 poly-cotton sheets, 80% use of the machine

# UFFS CHEST HEATED IRONERS

MODELS	UFFS500	UFFS600	UFFS800
Roll diameter - mm (in)	500 (20)	600 (24)	800 (32)
<b>Chest</b>			
Length - mm (in)	860 (34)	940 (37)	1440 (57)
Width - mm (in)	2000 (79) / 2500 (98) / 3000 (118) / 3300 (130)	2000 (79) / 2500 (98) / 3000 (118) / 3300 (130)	2000 (79) / 2500 (98) / 3000 (118) / 3300 (130)
<b>Ironing speed</b>			
Minimum - m/min (ft/min)	1.5 (4.9)	1.5 (4.9)	3 (9.8)
Maximum - m/min (ft/min)	3.5 - 12 (11 - 39)	3.5 - 14 (11 - 46)	3.5 - 16 (11 - 52)
<b>Electric and gas models</b>			
Average output/production: 50% residual moisture - kg/hour (lb/hr)	75 (165) / 95 (209) / 115 (254) / 125 (276)	109 (240) / 140 (309) / 160 (353) / 175 (386)	152 (335) / 189 (417) / 227 (500) / 250 (551)
<b>Steam models</b>			
Average output/production: 50% residual moisture - kg/hour (lb/hr)	72 (159) / 91 (201) / 110 (243) / 119 (262)	104 (229) / 134 (295) / 153 (337) / 167 (368)	141 (311) / 175 (386) / 211 (465) / 232 (511)
<b>Operation</b>			
Maximum width of linen	Wide of chest -2%	Wide of chest -2%	Wide of chest -2%
Minimum temperature - C° (F)	155 (311)	155 (311)	155 (311)
Maximum temperature - C° for polyester (F)	175 (347)	175 (347)	175 (347)
Maximum temperature - C° for nomex (F)	190 (374)	190 (374)	190 (374)
<b>Electric heating</b>			
Fan motor - kW (HP)	0.25 (0.34)	0.75 (1.0)	0.75 (1.0)
Roll motor - kW (HP)	0.75 (1.0)	1.5 (2.01)	2.2 (2.95)
Roll motor (high speed option) - kW (HP)	1.5 (2.01)	2.2 (2.95)	4 (5.36)
Hydraulic pump motor - (rpm)	0.37	0.37	0.37
Oil circulation pump - kW / rpm (HP/rpm)	2.2 (2.95)	2.2 (2.95)	3 (4.02)
Heating - (kW)	30 / 40 / 45 / 45	45 / 50 / 60 / 75	60 / 75 / 90 / 90
380-415/50/3+N, 440-480/60/3+N, 230/50-60/3, 230/50-60/3+N	50 A / 63 A / 80 A / 80 A	80 A / 80 A / 100 A / 125 A	100 A / 125 A / 160 A / 160 A
<b>Gas heating</b>			
Pressure gas inlet - (mBar)	minimum 20	minimum 20	minimum 20
Diameter gas inlet - (in)	1/2	3/4	3/4
Gas outlet - m3/h (ft3/h)	80 (2825)	135 (4767)	280 (9888)
°C (F)	250 (482)	250 (482)	250 (482)
Throughput diameter - mm (in)	90 (3.5)	125 (4.9)	125 (4.9)
380-415/50/3+N, 440-480/60/3+N, 230/50-60/3, 230/50-60/3+N	40A	40A	40A
Noise level - (dB)	65	65	65
<b>Steam outlet</b>			
m³/h (ft³/h)	650 (22,955)	1200 (42378)	1400 (49441)
°C (T° 170°C) (F)	110 (230)	110 (230)	110 (230)
Throughput diameter - mm (in)	75 (3)	125 (4.9)	125 (4.9)
<b>Air intake</b>			
l/min	450	450	450
Diameter (in)	1/2	1/2	1/2
Pressure (bar)	minimum 6	minimum 6	minimum 6
Air supply - m³/h (ft³/h)	2000 (70,629)	3900 (137,727)	4500 (158,916)
<b>Dimensions</b>			
Height - mm (in)	1430 (56 1/4) / 1430 (56 1/4) / 1430 (56 1/4) / 1430 (56 1/4)	1535 (60 1/2) / 1535 (60 1/2) / 1535 (60 1/2) / 1535 (60 1/2)	1605 (63 1/4) / 1605 (63 1/4) / 1605 (63 1/4) / 1605 (63 1/4)
Width - mm (in)	3830 (150 3/4) / 4330 (170 1/2) / 4830 (190 1/4) / 5130 (202)	3955 (155 3/4) / 4455 (175 1/2) / 4955 (195) / 5155 (203)	4145 (163 1/4) / 4645 (183) / 5145 (202 1/2) / 5445 (214 1/4)
Depth - mm (in)	2155 (84 3/4) / 2155 (84 3/4) / 2155 (84 3/4) / 2155 (84 3/4)	2245 (88 1/2) / 2245 (88 1/2) / 2245 (88 1/2) / 2245 (88 1/2)	2490 (98) / 2490 (98) / 2490 (98) / 2490 (98)
<b>Packing dimensions</b>			
Height - mm (in)	1530 (60 1/4) / 1530 (60 1/4) / 1530 (60 1/4) / 1530 (60 1/4)	1635 (64 1/4) / 1635 (64 1/4) / 1635 (64 1/4) / 1635 (64 1/4)	1705 (64 1/4) / 1705 (64 1/4) / 1705 (64 1/4) / 1705 (64 1/4)
Width - mm (in)	3933 (154 3/4) / 4433 (174 1/2) / 4933 (194 1/4) / 5233 (206)	4055 (159 3/4) / 4555 (179 1/4) / 5055 (199) / 5355 (210 3/4)	4245 (167 1/4) / 4745 (186 3/4) / 5245 (206 1/2) / 5545 (218 1/4)
Depth - mm (in)	1635 (64 1/4) / 1635 (64 1/4) / 1635 (64 1/4) / 1635 (64 1/4)	1940 (76 1/2) / 1940 (76 1/2) / 1940 (76 1/2) / 1940 (76 1/2)	2210 (87) / 2210 (87) / 2210 (87) / 2210 (87)
Volume - m³ (ft³)	9,84 (347) / 11,09 (392) / 12,34 (436) / 13,09 (462)	12,86 (454) / 14,45 (510) / 16,03 (566) / 16,99 (600)	16 (565) / 17,88 (631) / 19,76 (698) / 20,89 (738)
Weight - kg (lb)	1850 (4079) / 1960 (4321) / 2080 (4586) / 2130 (4696)	1855 (4090) / 2310 (5093) / 2430 (5357) / 2540 (5600)	2030 (4475) / 2610 (5754) / 3130 (6900) / 3430 (7562)

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