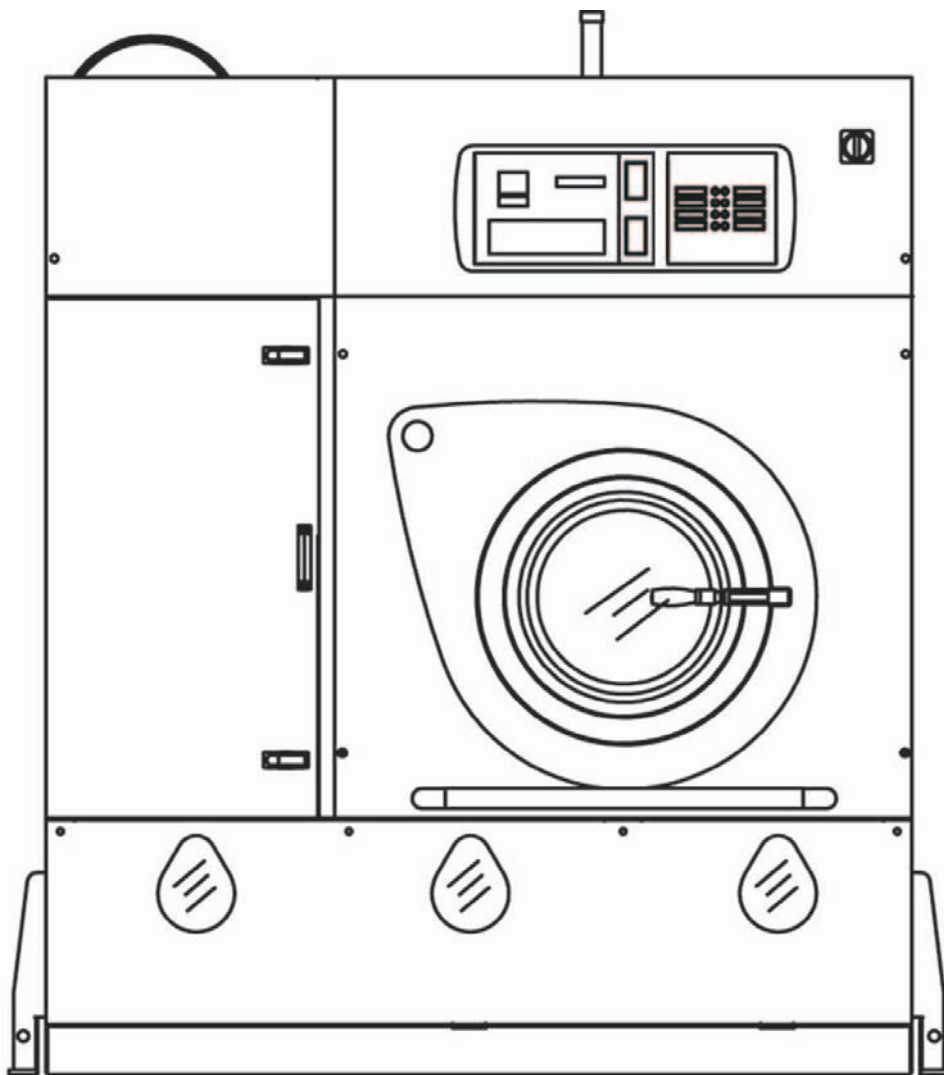




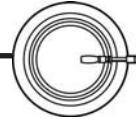
FIRBIMATIC

DRY CLEANING DIVISION

TECHNICAL INFORMATION



F18 LT3



WORKING MACHINE WITH SOLVENT	PERCHLORETHYLENE	
MACHINE CAPACITY	18 Kg	40 Lbs

BASKET		
Diameter	900 mm	35.4 inches
Depth	535 mm	21 inches
Volume	340 Lt	12 cu.ft
Wash speed	20 ÷ 50 rpm	
Extract speed	300 ÷ 450 rpm	
Door opening	500 mm	20 inches

SOLVENT TANKS		
Useful volume tank 1	122 Lt	32 gal
Useful volume tank 2	122 Lt	32 gal
Useful volume tank 3	160 Lt	42 gal
FLOOR SAFETY TANK CAPACITY	230 Lt	61 gal

STILL		
Useful volume at half inspection	145 Lt	38.3 gal
Total volume	180 Lt	47.6 gal
Boiler water capacity	4.6 Lt	1.2 gal

ELECTRIC POWER	400V - 3~50Hz		220V - 3~60Hz	
	Wash - Extract (With Inverter)	*1.7÷4.7 Hp	*1.3÷3.5 Kw	*1.7÷4.7 Hp
Solvent pump motor	0.75 Hp	0.55 Kw	0.75 Hp	0.55 Kw
Fan motor	2 Hp	1.5 Kw	3.5 Hp	2.65 Kw
Refrigerator compressor	5 Hp	3.75 Kw	5 Hp	3.75 Kw
Nylon filter motor	0.75 Hp	0.55 Kw	0.75 Hp	0.55 Kw
Sludge pump (optional)	0.75 Hp	0.55 Kw	0.75 Hp	0.55 Kw
Still electric elements	-	7.5 Kw	-	7.5 Kw
Heater electric elements	-	9 Kw	-	9 Kw
Air motor compressor (optional)	0.5 Hp	0.38 Kw	-	-
Fan motor Coalperc (optional)	0.75 Hp	0.55 Kw	0.75 Hp	0.55 Kw

* POWER CHANGES ACCORDINGLY TO THE USE OF THE MACHINE

NOTE: Acoustic emission level of the machine is lower than 70 dB (A)



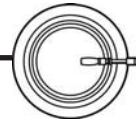
FILTRATION AVAILABLE IN THIS MODEL

ONE NYLON FILTER			
	Volume nylon filter housing	55 Lt	<i>14,5 gal</i>
	Nylon filter area	3,9 mt²	<i>42 ft²</i>
	Filter disks	26 nr	

ONE NYLON FILTER AND ONE LARGE CARTRIDGE - KR			
	Volume nylon filter housing	55 Lt	<i>14,5 gal</i>
	Nylon filter area	3,9 mt²	<i>42 ft²</i>
	Filter disks	26 nr	
	Vol. large cartridge housing KR	55 Lt	<i>14,5 gal</i>
	Area large cartridge KR	2,6x2=5,2 mt²	<i>28x2=56 ft²</i>
	Cartridges quantity KR	nr 2	

TWO NYLON FILTER			
	Volume nylon filter housing	55x2=110 Lt	<i>137.4 gal</i>
	Nylon filter area	3,9x2=7,8 mt²	<i>42x2=84 ft²</i>
	Filter disks	26x2=52 nr	

ONE NYLON FILTER AND ONE DECOLORATING FILTER PR			
	Volume nylon filter housing	55 Lt	<i>14,5 gal</i>
	Nylon filter area	3,9 mt²	<i>42 ft²</i>
	Filter disks	26 nr	
	Decolorating housing volume PR	13 Lt	<i>3,4 gal</i>
	Decolorating cartridges	1 nr	
	Decolorating cabon quantity	2 kg	<i>4,4 Lbs</i>



ONE NYLON ONE CARTRIDGE -KR ONE DECOLORATING

	Volume nylon filter housing	55 Lt	<i>14.5 gal</i>
	Nylon filter area	3,9 mt²	<i>42 ft²</i>
	Filter disks	26 nr	
	Vol. large cartridge housing KR	55 Lt	<i>14.5 gal</i>
	Area large cartridge KR	2,6x2=5,2 mt²	<i>28x2=56 ft²</i>
	Cartridges quantity KR	nr 2	
	Decolorating housing volume	13 Lt	<i>3.4 gal</i>
	Tubes	1 nr	
	Decolorating cartridges	1 nr	
	Decolorating cabon quantity	2 kg	<i>4.4 Lbs</i>

TWO NYLON FILTERS AND ONE DECOLORATING FILTER

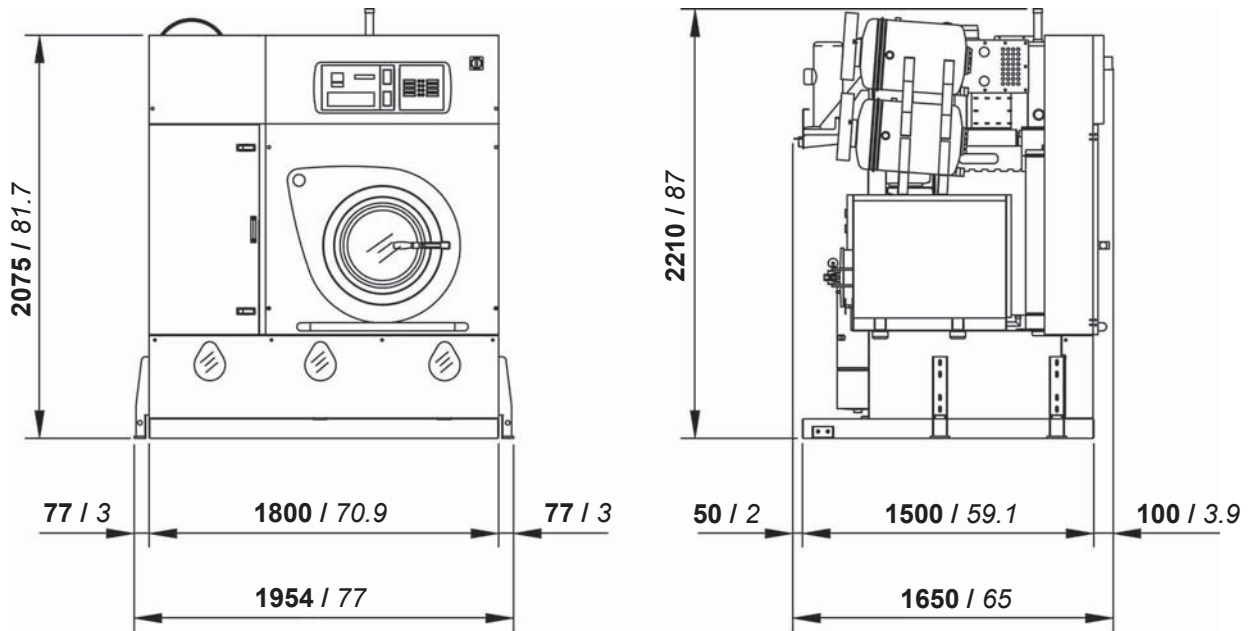
	Volume nylon filter housing	55x2=110 Lt	<i>137.4 gal</i>
	Nylon filter area	3,9x2=7,8 mt²	<i>42x2=84 ft²</i>
	Filter disks	26x2=52 nr	
	Decolorating housing volume	13 Lt	<i>3.4 gal</i>
	Tubes	1 nr	
	Decolorating cartridges	1 nr	
	Decolorating cabon quantity	2 kg	<i>4.4 Lbs</i>

TWO NYLON FILTER AND TWO DECOLORATING FILTER

	Volume nylon filter housing	55x2=110 Lt	<i>137.4 gal</i>
	Nylon filter area	3,9x2=7,8 mt²	<i>42x2=84 ft²</i>
	Filter disks	26x2=52 nr	
	Decolorating housing volume	13x2=26 Lt	<i>3.4x2=6.8 gal</i>
	Tubes	2 nr	
	Decolorating cartridges	2 nr	
	Decolorating cabon quantity	4 kg	<i>8.8 Lbs</i>



DIMENSIONS AND WEIGHTS



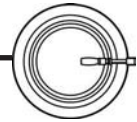
mm / inches

CHARGES - STANDARD VERSION

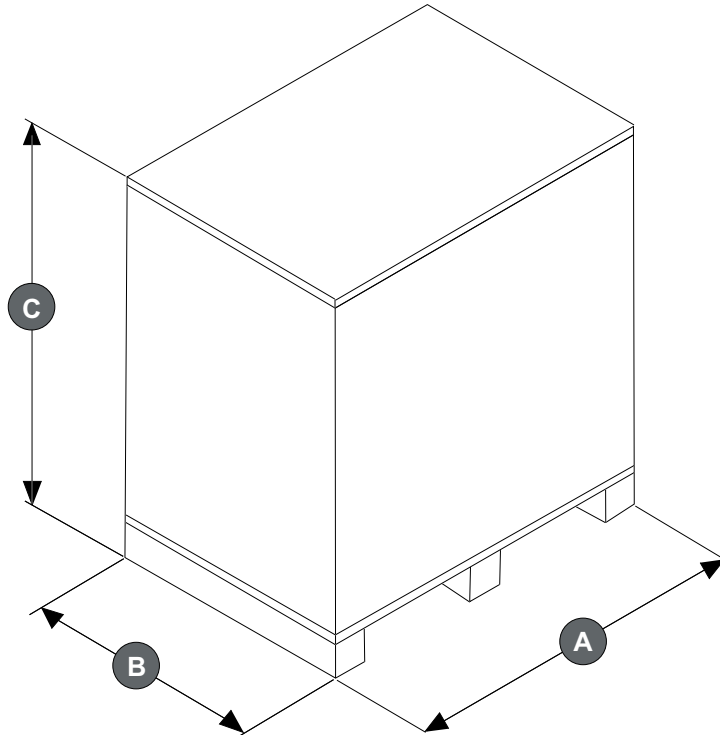
Empty machine weight	1580 Kg	3483Lbs
Machine weight with solvent	2402 Kg	5295 Lbs
Static charge on the floor with solvent	890 Kg/m²	182 Lbs/ft²
Dynamic charge on the floor (+10%)	1208 Kg/m²	247 Lbs/ft²

CHARGES - PLUS VERSION

Empty machine weight	1660 Kg	3660 Lbs
Machine weight with solvent	2482 Kg	5472 Lbs
Static charge on the floor with solvent	919 Kg/m²	188 Lbs/ft²
Dynamic charge on the floor (+10%)	1240 Kg/m²	254 Lbs/ft²



PACKAGED MACHINE DIMENSIONS AND WEIGHTS

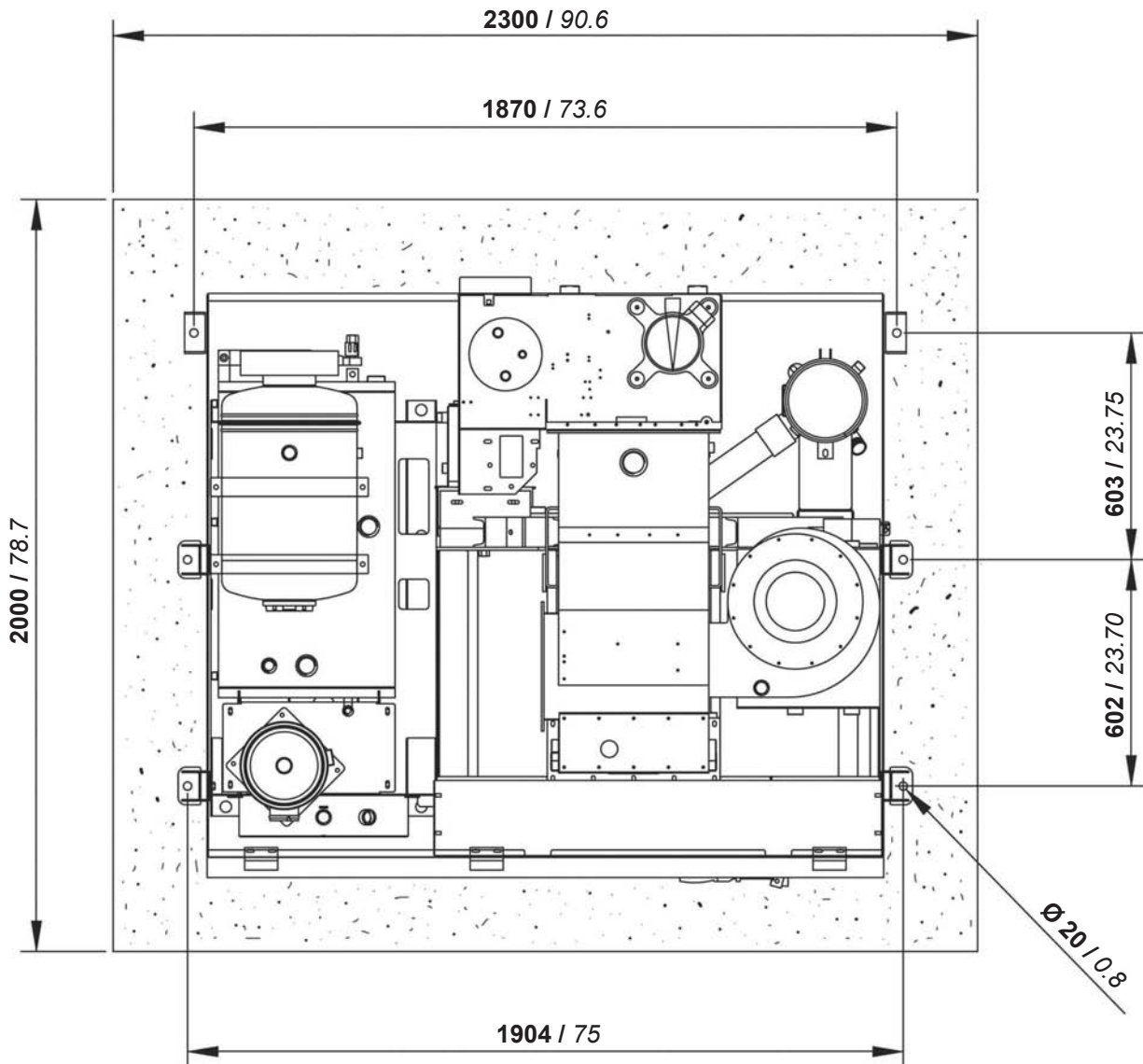
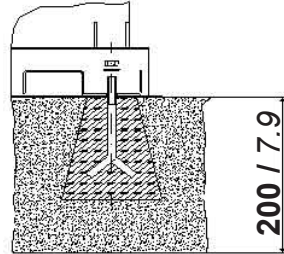


PACKAGED MACHINE DIMENSIONS							
Machine type		Carton		Wooden cage		Wooden case	
Standard	A	- mm	- inches	- mm	- inches	- mm	- inches
	B	- mm	- inches	- mm	- inches	- mm	- inches
	C	- mm	- inches	- mm	- inches	- mm	- inches
Plus	A	- mm	- inches	- mm	- inches	- mm	- inches
	B	- mm	- inches	- mm	- inches	- mm	- inches
	C	- mm	- inches	- mm	- inches	- mm	- inches

PACKAGED MACHINE WEIGHTS						
Machine type	Carton		Wooden cage		Wooden case	
Standard	- Kg	- Lbs	- Kg	- Lbs	- Kg	- Lbs
Plus	- Kg	- Lbs	- Kg	- Lbs	- Kg	- Lbs

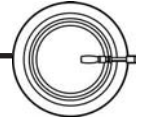


FIXING POINTS

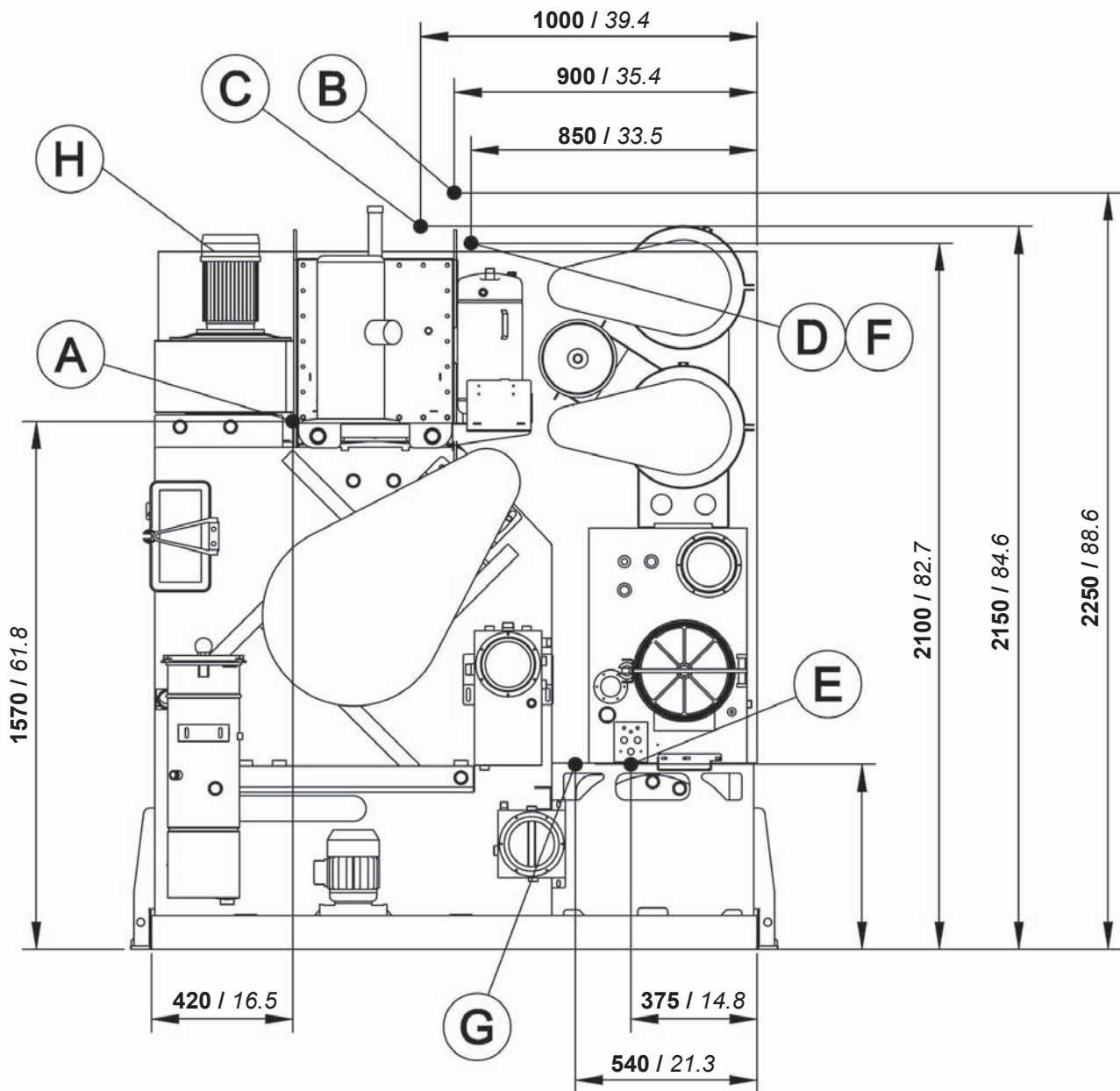


mm / inches





CONNECTIONS



mm / inches

A	Compressed air inlet	Ø 6mm	Ø 1/4"
B	Water inlet	Ø 3/4"	
C	Water outlet	Ø 3/4"	
D	Steam still inlet	Ø 1/2"	
E	Condensate still outlet	Ø 1/2"	
F	Steam heater inlet	Ø 1/2"	
G	Condensate heater outlet	Ø 1/2"	
H	Electric connection		



SOLVENT TYPE	PERCHLOROETHYLENE			
NECESSARY QUANTITY OF SOLVENT TO FILL THE MACHINE				
Machine version - without Filters	404 Lt	646 Kg	<i>107 gal</i>	<i>1424Lbs</i>
Machine version - 1 Nylon Filter	459 Lt	734 Kg	<i>121 gal</i>	<i>1618 Lbs</i>
Machine version - 1 Nylon Filter + 1 KR	514 Lt	822 Kg	<i>136 gal</i>	<i>1812 Lbs</i>
Machine version - 2 Nylon Filters	514 Lt	822 Kg	<i>136 gal</i>	<i>1812 Lbs</i>
Machine version - 1 Nylon Filter + 1 Deco	472 Lt	755 Kg	<i>125 gal</i>	<i>1664 Lbs</i>
Machine version - 1 Nylon Filter + 1 KR + 1 Deco	527 Lt	843 Kg	<i>139 gal</i>	<i>1858 Lbs</i>
Machine version - 2 Nylon Filters + 1 Deco	527 Lt	843 Kg	<i>139 gal</i>	<i>1858 Lbs</i>
Machine version - 2 Nylon Filters + 2 Deco	540 Lt	864 Kg	<i>143 gal</i>	<i>1905 Lbs</i>

INFORMATION FOR THE ELECTRICAL CONNECTIONS (400V - 3~50Hz)		
ELECTRIC Version	23.5 Kw	40 Amp
STEAM Version	7 Kw	12 Amp
Dissipated heat	4245 Kcal	

INFORMATION FOR THE ELECTRICAL CONNECTIONS (220V - 3~60Hz)		
ELECTRIC Version	24.5 Kw	82 Amp
STEAM Version	8 Kw	26 Amp
Dissipated heat	4425 Kcal	

GENERAL INFORMATION		
Required water capacity	Lt/min 10	<i>gal/min 2.6</i>
Required water pressure	bar 2 ÷ 3	<i>psi 29 ÷ 44</i>
Required water temperature	°C 18 ÷ 23	<i>°F 65 ÷ 73</i>
Required air pressure	bar 7 ÷ 8	<i>psi 100 ÷ 115</i>
Required steam pressure (Steam Version)	bar 4 ÷ 5	<i>psi 55 ÷ 70</i>
Required steam availability	Kg/h 60	<i>Lbs/h 132</i>

All technical data are subject to change without notice.

