



PRODUCT CATALOGUE

Refrigerated Air Dryer



Composition of the air dryer system

- * Vacuum system: Uses 'overcome obstacles' and 'accelerate air flow'.
- * Heat source: To provide energy.
- * Low-temperature condenser: Uses maximum steam pressure and captures frozen steam, avoiding water vapor pollution.

Model	FN-7.5F	FN-10F	FN-15F	FN-20F	FN-30F	FN-50F	FN-75F
Capacity(m³/min)	1.2	1.95	2.2	2.6	3.6	6.5	9.5
Utilization conditions	A.The max Temp at the inlet:80°C B.The max ambient Temp:45°C C.Working pressure:10bar(Pressure more than 10bar can be specified)						
Refrigerant	R22/R407C/R134A						
Refrigerant compressor	1/2HP	1/2HP	3/4HP	3/4HP	1HP	1-1/2HP	2HP
Power	AC 1 220V 50Hz						
Dia of air inlet/outlet	1"	1"	1"	1-1/2"	1-1/2"	1-1/2"	2-1/2"
Length(cm)	70	70	70	70	100	100	125
Width(cm)	42	42	42	42	50	50	57
Height(cm)	71	71	71	76	85	90	101
Net weight(kg)	40	45	50	60	100	120	180

Model	FN-100F	FN-150F	FN-200F	FN-300F	FN-400F	FN-500F	FN-600F
Capacity(m³/min)	13	19.5	26	39	49	65	76
Utilization conditions	A.The max Temp at the inlet:80°C B.The max ambient Temp:45°C C.Working pressure:10bar(Pressure more than 10bar can be specified)						
Dew Point Temp	2-5°C (its atoms dew point is equal to -20°C)						
Refrigerant	R22/R407C/R134A						
Refrigerant compressor	3HP	4HP	5HP	7-1/2HP	8HP	10HP	12-1/2HP
Power	AC 1 220V 50Hz						
Dia of air inlet/outlet	2-1/2"	3"	3"	4"	4"	5"	5"
Length(cm)	125	140	140	180	180	200	200
Width(cm)	57	63	63	70	70	70	80
Height(cm)	111	119	124	140	140	140	150
Net weight(kg)	200	300	320	400	460	600	630

Model	FN-300W	FN-400W	FN-500W	FN-600W	FN-700W	FN-1000W	FN-1500W	FN-2000W
Capacity(m³/min)	35	45	55	65	75	100	150	200
Utilization conditions	A.The max Temp at the inlet:80°C B.The max ambient Temp:45°C C.Working pressure:10bar(Pressure more than 10bar can be specified)							
Dew Point Temp	2-5°C (its atoms dew point is equal to -20°C)							
Refrigerant	R22/R407C/R134A							
Refrigerant compressor	7-1/2HP	8HP	10HP	12-1/2HP	15HP	20HP	30HP	40HP
Power	AC 3 380V 50Hz							
Dia of air inlet/outlet	4"	5"	5"	6"	6"	8"	8"	10"
Dia of Cooling Water pipe	1-1/2"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2-1/2"	2-1/2"
The quantity of The cooling Water (L/min)	96	175	175	250	250	375	525	750
The Water-cooling tower(T/m)	10	15	20	20	25	30	50	60
Length(cm)	155	180	190	200	200	220	230	240
Width(cm)	96	110	120	125	125	130	160	270
Height(cm)	130	140	140	155	160	180	200	130
Net weight(kg)	486	568	660	850	990	1160	1450	1900