

# RFX Refrigerated Dryers

Models | RFX0030 to RFX2470

Flow rates 28 scfm (48 Nm<sup>3</sup>/hr) to 2473 scfm (4200 Nm<sup>3</sup>/hr)

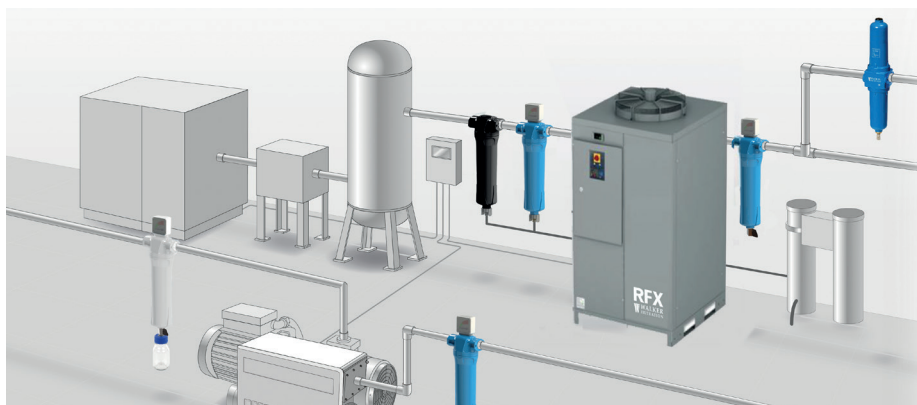
**Walker Filtration's reliable and innovative non-cycling refrigerated dryers are the perfect solutions to remove moisture from your compressed air system to meet ISO Compressed Air Quality 8573.1 Class 4 for water vapour.\***

Walker Filtration's RFX Refrigerated Dryers are a well-tested and reliable solution for delivering optimum performance with supreme dew point stability.

- Hot gas bypass valve to prevent freezing (RFX0095-RFX2470)
- No compressed air loss with electronic zero air loss drain (RFX0850-RFX2470)
- High quality reliable timer drain (RFX0030-RFX0570)
- High thermal efficiency integrated air-to-air heat exchanger
- Easy access to key service components
- Digital display controller with alarm function
- Environmentally friendly refrigerants



Design standards	RFX0030-RFX0060	RFX0095-RFX0570	RFX0850-RFX2470
Pressure range	4-13 bar / 60-188 psi	4-13 bar / 60-188 psi	4-13 bar / 60-188 psi
ISO Compressed Air Quality*	Class 4	Class 4	Class 4
V/Ph/Hz	230/1/50	230/1/50	400/3/50
Controller	Digital	Digital	Digital
Technology	Refrigerant R134a	Refrigerant 410A	Refrigerant R404A
Usage	Continuous	Continuous	Continuous



For further information please call: **(03) 9728 5250**



# Technical Specification

Dryer model	Pipe size inches	Inlet flow rate*		Maximum working pressure bar	Power supply V/Ph/Hz	Dimensions mm			Weight Kg
		Nm³/hr	SCFM			A	B	C	
RFX0030	3/4" F	48	28	13	230/1/50	352	430	445	30
RFX0040	3/4" F	71	42	13	230/1/50	550	370	800	32
RFX0060	3/4" F	100	59	13	230/1/50	550	370	800	36
RFX0095	1.5" F	160	94	13	230/1/50	520	500	800	60
RFX0130	1.5" F	216	127	13	230/1/50	550	600	980	68
RFX0160	2" F	274	161	13	230/1/50	550	600	980	75
RFX0200	2" F	345	203	13	230/1/50	550	600	980	85
RFX0240	2" F	404	238	13	230/1/50	900	750	1000	120
RFX0300	2.5" F	518	305	13	230/1/50	1025	660	1120	138
RFX0390	2.5" F	662	390	13	230/1/50	1025	660	1120	156
RFX0480	2.5" F	820	483	13	230/1/50	1025	660	1120	168
RFX0570	2.5" F	965	568	13	230/1/50	1025	660	1120	175
RFX0850	3" F	1440	848	13	400/3/50	1082	1020	1560	325
RFX1060	3" F	1800	1060	13	400/3/50	1082	1020	1560	335
RFX1240	3" F	2100	1236	13	400/3/50	1082	1020	1560	350
RFX1760	DN125	3000	1766	13	400/3/50	2099	1020	1560	550
RFX2470	DN125	4200	2473	13	400/3/50	2099	1020	1560	600

\* Reference conditions:

- Operating pressure: 7 bar (100 psi)
- Operating temperature: 35°C
- Room temperature: 25°C
- Pressure dew point: 3°C (+/- 1)

Limit conditions:

- Working pressure: 13 bar (188 psi)
- Operating temperature: 55°C
- Minimum Ambient Temperature: 5°C
- Maximum Ambient Temperature: 45°C

## Dryer correction factors

### Ambient Temperature °C (ACF)

	25	30	35	40	45
RFX0030 – 0570 correction factor	1	1	0.91	0.81	0.72
RFX0850 – 2470 correction factor	1	0.91	0.81	0.72	0.62

### Air Inlet Temperature °C (ICF)

	35	40	45	50	55
RFX0030 – 0570 correction factor	1	1	0.82	0.69	0.58
RFX0850 – 2470 correction factor	1	0.82	0.69	0.58	0.49

### Operating Pressure bar (PCF)

	5	6	7	8	9	10	11	12	13
RFX0030 – 0570 correction factor	0.90	0.96	1.00	1.03	1.06	1.08	1.10	1.12	1.13
RFX0850 – 2470 correction factor	0.90	0.97	1.00	1.03	1.05	1.07	1.09	1.11	1.12

Correction Factors: Capacity = Rated Flow x ACF x ICF x PCF

1/8 Isa Way, Boronia. Victoria 3155  
 PO Box 109, Kilsyth. Victoria 3137  
 Ph: 03 9728 5250  
 Fax: 03 9752 0855  
 Email: info@ccasystems.com.au  
 Web: www.ccasystems.com.au



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