

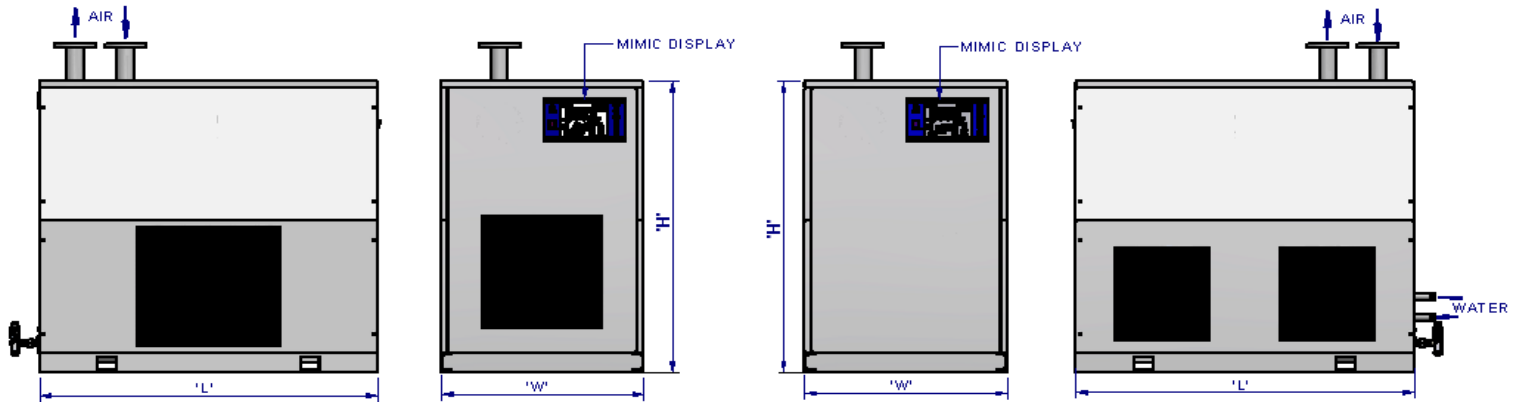
**REFRIGERATION DRYER
FDI SERIES**

SPECIAL FEATURES	OPTIONAL FEATURES	STD. WORKING PARAMETER
<ul style="list-style-type: none"> Available in 45 standard models Capacities from 10.6 cfm to 3540 cfm Microprocessor based delsmart LCD card to readout dew point, operating status, faults indication Provides pressure dew points range to 4-6°C Unique, patented, foamed in heat exchanger Outstanding performs other dryers. Certified and reliable performance Compact design 	<ul style="list-style-type: none"> Filter and total dryer bypass line with valves Special delair filters for removal of water, oil mists, oil vapour and dust particles with electronically operated drain valves Explosion proof controls for offshore application 	<ul style="list-style-type: none"> Pressure : 7.0 kg/cm2(g) Max. Working Pressure : 14kg/cm2(g) Air Inlet Temperature : 45 Deg. C Water Pressure : 3-4 kg/cm2(g) Water Inlet Temperature : 32 deg. C

SPECIFICATION SHEET

MODEL	CAPACITY			DIMENSIONS (IN MM)			APPROX. WT. (IN KG.)	CONNECTION (IN INCHES)		CONN. LOAD (IN KW)	WATER QTY. (IN M3/HR)
	CFM	CMH	Ltr./SEC.	L	W	H~		AIR	WATER		
FDI-18 A	10.6	18	5	880	465	700	90	1/2" BSP.	---	0.30	---
FDI-54 A	32	54	15	880	465	700	90	1/2" BSP.	---	0.53	---
FDI-110 A	65	110	31	880	465	830	100	3/4" BSP.	---	0.70	---
FDI-150 A	88	150	42	1100	465	930	270	1" BSP.	---	0.75	---
FDI-180 A	106	180	50	1100	465	930	270	1" BSP.	---	0.75	---
FDI-220 A	130	220	62	1100	465	930	270	1" BSP.	---	0.75	---
FDI-290 A	170	290	81	1100	465	930	270	1" BSP.	---	0.75	---
FDI-360 A	212	360	101	1250	750	1150	400	2" F	---	1.63	---
FDI-430 A	254	430	120	1250	750	1150	400	2" F	---	1.63	---
FDI-540 A	318	540	151	1250	750	1150	400	2" F	---	1.94	---
FDI-600 A	355	600	168	1676	725	1210	500	2" F	---	2.73	---
FDI-720 A	424	720	202	1676	725	1210	600	3" F	---	3.1	---
FDI-850 A	500	850	238	1676	725	1210	600	3" F	---	3.1	---
FDI-970 A	572	970	272	1676	725	1210	600	3" F	---	3.1	---
FDI-1060 A	624	1060	297	1700	1000	1375	780	3" F	---	3.68	---
FDI-1150 A	678	1150	322	1700	1000	1375	780	3" F	---	3.68	---
FDI-1270 A	749	1270	356	1700	1000	1375	780	3" F	---	3.68	---
FDI-1350 A	795	1350	378	1700	1000	1375	780	3" F	---	3.68	---
FDI-1690 A	996	1690	473	1720	1050	1375	850	4" F	---	6.61	---
FDI-1910 A	1124	1910	535	1800	1200	1600	1100	4" F	---	7.4	---
FDI-2160 A	1271	2160	605	1800	1200	1600	1200	4" F	---	7.4	---
FDI-2550 A	1500	2550	714	2200	1200	1600	1400	4" F	---	9.5	---
FDI-2880 A	1695	2880	806	2400	1200	1600	1700	6" F	---	10.6	---
FDI-3000 A	1770	3000	840	2400	1200	1600	1700	6" F	---	10.6	---
FDI-3340 A	1971	3340	935	2500	1300	1800	2200	6" F	---	13.8	---
FDI-4310 A	2543	4310	1207	2500	1300	1800	2600	6" F	---	18.2	---
FDI-6000 A	3540	6000	1680	3000	1400	2000	3200	8" F	---	22.5	---
FDI-540 W	318	540	151	1250	750	1150	380	2" F	3/4" BSP.	1.46	1.1
FDI-600 W	355	600	168	1676	725	1210	380	2" F	3/4" BSP.	1.77	1.8
FDI-720 W	424	720	202	1676	725	1210	520	3" F	3/4" BSP.	2.37	1.8
FDI-850 W	500	850	238	1676	725	1210	520	3" F	3/4" BSP.	2.37	1.8

FDI-970 W	572	970	272	1676	725	1210	520	3" F	3/4" BSP.	2.37	1.8
FDI-1060 W	624	1060	297	1350	750	1270	620	3" F	3/4" BSP.	2.74	3.0
FDI-1150 W	678	1150	322	1350	750	1270	620	3" F	3/4" BSP.	2.74	3.0
FDI-1270 W	749	1270	356	1350	750	1270	620	3" F	3/4" BSP.	2.74	3.0
FDI-1350 W	795	1350	378	1350	750	1270	620	3" F	3/4" BSP.	2.74	3.0
FDI-1690 W	996	1690	473	1680	840	1380	850	4" F	1" F	5.1	3.4
FDI-1910 W	1124	1910	535	1800	950	1500	1000	4" F	1.1/2" F	6.1	4.1
FDI-2160 W	1271	2160	605	1800	950	1500	1000	4" F	1.1/2" F	6.1	4.1
FDI-2550 W	1500	2550	714	2100	1000	1500	1300	4" F	1.1/2" F	7.21	5.1
FDI-2880 W	1695	2880	806	2400	1000	1530	1500	6" F	1.1/2" F	8.13	6.1
FDI-3000 W	1770	3000	840	2400	1000	1530	2000	6" F	1.1/2" F	8.13	6.1
FDI-3340 W	1971	3340	935	2100	1100	1650	2500	6" F	1.1/2" F	8.13	6.9
FDI-4310 W	2543	4310	1207	2300	1100	1650	2800	6" F	2" F	11.1	8.4
FDI-6000 W	3540	6000	1680	2600	1150	1900	3000	8" F	2" F	14.5	11.1



NOTE:-

- Connecting load from FDI-18A to FDI-970A & FDI-540W to FDI- 1350W with 1 PH, 50Hz.
- Connecting load from FDI-1060A to FDI-6000A & FDI-1690W to FDI-10000W with 3 ph, 50Hz.
- 3 PH model available from FDI-540A/W onward
- Available with refrigeration gas R-22,R-134a and R-407c
- For other working conditions please contact factory

ALL DATA SUBJECT TO CHANGE WITHOUT NOTICE

DOCUMENTS NO. : DAI:FDI-300.10
 DATE : APRIL 01 , 2021