

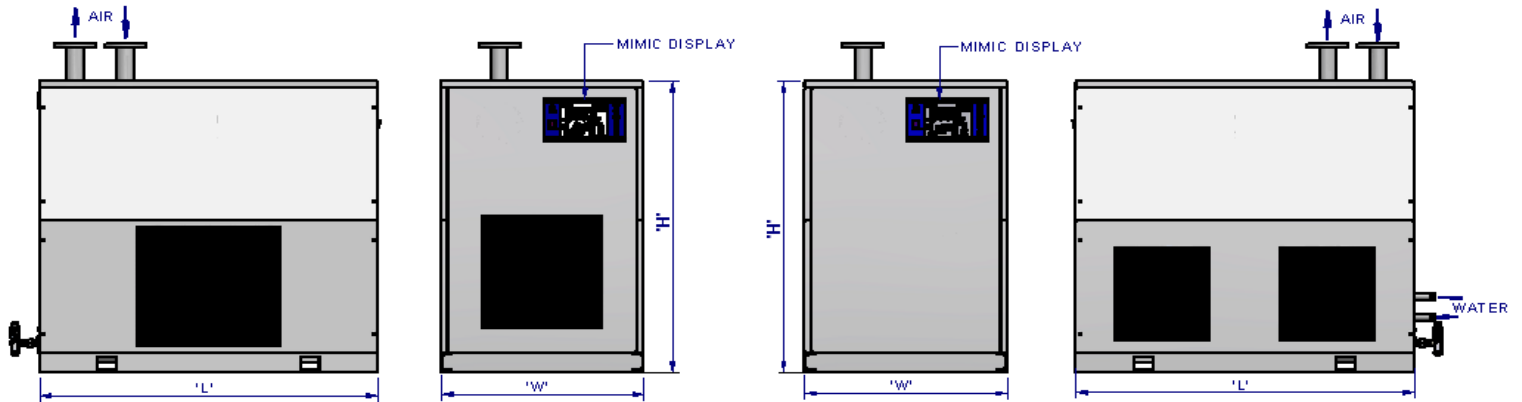
**REFRIGERATION DRYER**

| SPECIAL FEATURES   | OPTIONAL FEATURES  | STD. WORKING PARAMETER  |
|--|--|---|
| <ul style="list-style-type: none"> <li>Available in 42 standard models</li> <li>Capacities from 10.6 cfm to 3540 cfm</li> <li>Microprocessor based delsmart LCD card to readout dew point, operating status, faults indication</li> <li>Provides pressure dew points range to 4-6°C</li> <li>Unique, patented, foamed in heat exchanger</li> <li>Outstanding performs other dryers.</li> <li>Certified and reliable performance</li> <li>Compact design</li> </ul> | <ul style="list-style-type: none"> <li>Filter and total dryer bypass line with valves</li> <li>Special delair filters for removal of water, oil mists, oil vapour and dust particles with electronically operated drain valves</li> <li>Explosion proof controls for offshore application</li> </ul> | <ul style="list-style-type: none"> <li>Pressure : 7.0 kg/cm2(g)</li> <li>Max. Working Pressure : 14kg/cm2(g)</li> <li>Air Inlet Temperature : 45 Deg. C</li> <li>Water Pressure : 3-4 kg/cm2(g)</li> <li>Water Inlet Temperature : 32 deg. C</li> </ul> |

**SPECIFICATION SHEET**

| MODEL      | CAPACITY |      |           | DIMENSIONS<br>(IN MM) |      |      | APPROX.<br>WT.<br>(IN KG.) | CONNECTION<br>(IN INCHES) |           | CONN.<br>LOAD<br>(IN KW) | WATER<br>QTY.<br>(IN<br>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-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-3000A & 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-300.9  
 DATE : APRIL 01 , 2016