

# Refrigeration Dryer Reduced Carbon footprint. Low total cost of ownership. Small footprint.

**GDD-series Non-Cycling Refrigeration Dryers** 











# Optimised energy efficiency for a sustainable future.

### First-class air treatment efficiency

For Gardner Denver, quality and efficiency are just as important for compressed air treatment as they are for compressed air generation. Just like Gardner Denver compressors, the GDD-series refrigerant dryers also provide a consistently high performance with optimum efficiency for many industrial compressed air applications. EU regulations are constantly pushing the boundaries for improved sustainability and a reduction in global CO<sub>2</sub> footprint. These new dryers from Gardner Denver are a step ahead – supporting sustainability with low GWP refrigerants (R513A) for ISO Class 4 (+3°C PDP) markets.

# Investment protection through compressed air quality

Modern production systems and processes demand high quality compressed air, which is defined in the 6 classes outlined in international standard ISO 8573-1:2010 as illustrated below. These are only achievable with filtration, water separation and drying. Users in the food and pharmaceutical industry must adhere to stringent compressed air quality guidelines, as well as local legislation. Other industries may also follow specific advice regarding, the quality compressed air they use to ensure the protection and efficiency of process equipment and finished product.

## Compressed air quality classes according to ISO 8573-1:2010

ISO 8573-1: 2010 Class		Solid F	Particulate		Wa	ter	Oil			
		imum numbe articles per n		Mass Concentration	Vapour Pressure Dewpoint	Liquid	Total Oil (aerosol liquid and vapour)			
Class	0.1 - 0.5 μm	0.5 - 1 μm	1 - 5 μm	mg/m³	°C	g/m³	mg/m³			
0	As specified by the equipment user or supplier and more stringent than Class 1									
1	≤ 20,000	≤ 400	≤ 10	_	≤ -70	_	0.01			
2	≤ 400,000	≤ 6,000	≤ 100	_	≤ -40	_	0.1			
3	_	≤ 90,000	≤ 1,000	_	≤ -20	_	1			
4	_	_	≤ 10,000	_	≤ +3	_	5			
5	_	<u> </u>	≤ 100,000	_	≤ +7	_	_			
6	_	_	_	≤ 5	≤ +10	_	_			



"Using environmentally-friendly R513A refrigerants with the lowest Global Warming Potential contributes to reducing greenhouse gas emissions."

## Impressive return on investment and operational reliability

The use of clean dry compressed air ensures high levels of reliability, guarantees that quality standards are met, and can reduce production costs. Gardner Denver offer a range of solutions for drying utilising modern cooling technology.

### Features & benefits:

- High reliability plug-in solution works from zero to 100% load
- Energy efficient 10% less energy consumption & 27% pressure drop reduction
- High sustainability up to 32% reduction in CO<sub>2</sub> footprint
- Smaller footprint 40% smaller than comparable machines
- iConn remote monitoring enabled adding to reliability and total peace of mind
- No unplanned downtime
- Optimised efficiency
- Covered by Protect 10 Warranty

## Save energy with refrigerant dryers

Operators primarily focus on compressed air quality and purchase cost. Differences in the operating costs of refrigerant dryers are often less likely to be considered. The Gardner Denver refrigerant dryers are characterised by their energy efficiency, which helps to reduce running costs, thanks to patented heat exchanger technology.

- High quality heat exchanger with low pressure loss
- Full feature, multi-function innovative control panel
- Anti freeze mode shuts dryer off to avoid icing
- Low operating costs
- Alarm display with history of alarms
- Effective condensate separation
- Easy to install, operate and maintain
- Simplified access to unit for easy maintenance



# Reliable, efficient & clean dry air

Gardner Denver GDD-series refrigerant dryers deliver a comprehensive, cost-effective solution to multiple applications across a wide range of sectors including automotive, manufacturing, petrochemical, oil and gas, dry cleaning and light processing to name a few.

## Optimum efficiency by Design

Using refrigerated dryers from Gardner Denver will provide clean, dry air which means less corrosion in the air distribution system, less damage to air-powered tools, and reduced potential for contamination in the production process. The design features of Gardner Denver GDD dryers not only ensure constant dew point at all load levels, but also deliver continuous dry air performance that meets the most challenging ISO 7183 industry standards.

## Low cost of ownership

Gardner Denver's refrigerated dryers provide the very best combination of high efficiency, low pressure drop and small footprint which reduces power consumption, reduces installation time and facilitates maintenance.

# Specifically designed for challenging applications

The GDD Refrigerated Dryer Range is one range for all applications. These units provide a small footprint with complete, affordable solutions for applications ranging from dry cleaning to automotive body shops, to light processing and manufacturing applications. The high capacity units are designed for large-scale industrial, automotive and petrochemical applications.

### Features are your benefits

#### Air Cooled Condensation (as standard)

Water and Sea Water versions are optional from GDD100F.

#### **Victaulic Connections (optional)**

For quick and easy connection of pipework.

#### Reliable Design

Scroll compressors with corrosion resistant materials. They feature fewer moving parts, are fully-instrumented and monitored for reliability, and are protected by IP42 rated electrical enclosures.

#### **Reduced Footprint**

30% smaller than previous model.





#### **Innovative Control Panel**

With all the main functions you would expect to control and monitor the unit:



- Alarm display: Dew Point, high/low temperature, High ambient temperature
- Remote ON/OFF (optional)
- Alarm history
- Condensate drain management

#### **New Heat Exchangers**

Designed and developed in our laboratories to deliver the highest levels of performance with the lowest pressure drop. The adoption of the new Gardner Denver heat exchanger has enabled the removal of the inlet and outlet headers.

#### Smart Drain (From GDD216F)

GDD250F

With sensor installed directly in the moisture separator and control logic managed by the main Control Panel.

# Outstanding efficiency thanks to custom designed heat exchangers and patented control board

The GDD-series of refrigeration air dryers has been designed to maximise efficiency and reliability. All models are equipped with a high efficiency heat exchanger including an integrated condensate separator. The heat exchangers, completely designed and developed in our labs, are capable of achieving the highest levels of performance required from the market, together with a very low pressure drop rate.

Thanks to our patented solution, the programmable control board will adjust the fan speed according to the load in order to guarantee, under any working conditions, a constant and high level performance.

Every unit is equipped with a wide range of adjustable settings and alarm outputs such as high dew point temperature, anti freezing alarm, fault probe, and so on.

GDD-series dryers are all equipped with a programmable electronic condensate discharger, suitable for working with high efficiency in all kind of conditions.

## **Options**

- No loss drain
- Sea water cooled
- Different voltages
- ANSI/NPT air connections
- Remote control
- · Different gas



# Reliable Design

### Scroll compressor

Models GDD130 to GDD3840F are fitted with a scroll refrigerant compressor. Scroll compressors with corrosion resistant materials deliver cost efficient, long-life performance. They feature fewer moving parts, are fully-instrumented and monitored for reliability, and are protected by IP42 rated electrical enclosures.

This makes them the optimum investment for high-volume needs with a lot at stake.

Every unit delivers advanced microprocessor control with multi-level menus, password protection and alarms.



### No-loss drain

The powerful no loss electronic drain is standard and eliminates the need for pre-setting the unit. It uses state-of-the-art software combined with a special transducer interface to measure the presence of condensate so that it is released only when needed. Continuous monitoring ensures fast and effective discharge of the condensate with no deficit of compressed air.

#### **Correction Factors**

	Correction Factors for working pressure													
bar	3	4	5	6	7	8	9	10	11	12	13	14	15	16
FC1	0.7	0.78	0.85	0.93	1	1.06	1.11	1.15	1.18	1.2	1.22	1.24	1.25	1.26
Correction Factors for inlet air temperature														
٥(	С	30		35		40		45		50		55	(	50
FC	C2	1.2 1			0.85		0.71 0.5		0.58	C	0.49		.42	
Correction Factors for dew point temperature														
°C		3		4	į	5	6		7	8		9		10
FC	3	1	1	.04	1.0	09	1.14	-	1.18	1.2	5	1.3	1.	.33
Correction Factors for ambient temperature (for air cooled)														
				5 30		35		40		42		45	5	0*
۰(		25	5	30		35		40		42			~	0
		25 1	5	30 0.9	- 1	0.92	2	0.88		0.85		0.8	+ -	).7

Correction Factors for different water inlet temperature (for water cooled version)									
°C	15	20	25	29.4	30	35	38	40	
FC4	1.08	1.06	1.03	1	0.99	0.95	0.91	0.88	

Calculation for correct Dryer Air flow = Nominal Dryer Air Flow x FC1 x FC2 x FC3

# Gardner Denver Refrigeration Dryer - Technical Data

# Gardner Denver Dryers from 0.42 m³/min to 383.33 m³/min

Model   3°C   Power   Supply   Point   Pressure   Connection   Refrigerant   W × D × H   Weight   W × D × H   Pressure   Connection   Refrigerant   W × D × H   Weight   W × D × H   Weight   W × D × H   Weight   W × D × H   Refiserant		Air Flow-rate		_					Dimensions	
Martin   M	Model		Absorbed	Power Supply	Dew Point	Max Pressure	Air Connection	Refrigerant		Weight
GDD4F GDD7F GD7C GD7C GD7C GD7C GD7C GD7C GD7C GD7C	Model		·							
GDD7F 0.70 0.14 230/1/50 4 16 16 16 16 17 R513A 390 x 432 x 441 28 GDD9F 0.90 0.17 230/1/50 4 16 16 16 17 R513A 390 x 432 x 441 28 GDD12F 1.20 0.17 230/1/50 4 16 16 16 17 R513A 390 x 432 x 441 28 GDD18F 1.80 0.41 230/1/50 4 16 16 16 17 R513A 390 x 432 x 441 28 GDD30F 3.00 0.5 230/1/50 4 16 16 16 17 R513A 420 x 516 x 551 42 GDD30F 3.00 0.5 230/1/50 4 16 17 R513A 420 x 516 x 551 44 GDD37F 3.75 0.7 230/1/50 4 16 17 R513A 420 x 516 x 551 44 GDD37F 3.75 0.7 230/1/50 4 16 17 R513A 500 x 679 x 980 49 GDD50F 5.00 0.61 230/1/50 4 16 17 R513A 500 x 679 x 980 49 GDD50F 5.00 0.61 230/1/50 4 16 17 R513A 500 x 718 x 980 79 GDD60F 6.00 0.74 230/1/50 4 16 17 18 13 500 x 718 x 980 79 GDD80F 8.00 0.81 230/1/50 4 16 17 18 13 500 x 718 x 980 79 GDD80F 8.00 0.81 230/1/50 4 16 17 18 13 500 x 718 x 980 85 GDD100F 10.00 126 230/1/50 4 16 17 18 13 27 R513A 500 x 718 x 980 85 GDD100F 10.00 126 230/1/50 4 16 27 R513A 720 x 750 x 1360 134 GDD130F 13.00 1.67 400/3/50 4 13 2" R513A 720 x 750 x 1360 164 GDD250F 25.00 2.58 400/3/50 4 13 2" R513A 720 x 750 x 1362 168 GDD20F 25.00 2.58 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 3.33 4.22 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 3.33 4.22 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 3.33 6.38 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 70.00 5.96 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 70.00 5.96 400/3/50 4 14 DN150 PN16 R513A 800 x 1819 x 1796 465 GDDA800F 80.00 6.81 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 80.00 6.81 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 80.00 6.81 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1128 GDD1600F 100.00 10.9 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1128 GDD1600F 100.00 10.9 400/3/50 4 13 DN200 PN16 R513A 46	655.45							DE17.4		
GDD9F         0.90         0.17         230/1/50         4         16         ½"         R513A         390 x 432 x 441         28           GDD12F         1.20         0.17         230/1/50         4         16         ½"         R513A         390 x 432 x 441         28           GDD18F         1.80         0.41         230/1/50         4         16         ½"         R513A         420 x 516 x 551         36           GDD30F         2.40         0.5         230/1/50         4         16         ½"         R513A         420 x 516 x 551         42           GDD37F         3.75         0.7         230/1/50         4         16         1"         R513A         420 x 516 x 551         44           GDD43F         4.33         0.81         230/1/50         4         16         1"         R513A         500 x 679 x 980         48           GDD50F         5.00         0.61         230/1/50         4         16         1"         R513A         500 x 718 x 980         79           GDD80F         6.00         0.74         230/1/50         4         16         1"-½"         R513A         500 x 718 x 980         85           GDD130F         10.00	-				·					
GDD12F 1.20 0.17 230/1/50 4 16 ½" R513A 390 x 432 x 441 28 GDD18F 1.80 0.41 230/1/50 4 16 ¾" R513A 420 x 516 x 551 36 GDD24F 2.40 0.5 230/1/50 4 16 ¾" R513A 420 x 516 x 551 42 GDD30F 3.00 0.5 230/1/50 4 16 ¾" R513A 420 x 516 x 551 44 GD337F 3.75 0.7 230/1/50 4 16 1" R513A 500 x 679 x 980 49 GDD37F 3.375 0.7 230/1/50 4 16 1" R513A 500 x 679 x 980 49 GDD50F 5.00 0.61 230/1/50 4 16 1-1" R513A 500 x 679 x 980 49 GDD60F 6.00 0.74 230/1/50 4 16 1-1½" R513A 500 x 718 x 980 79 GD80F 8.00 0.81 230/1/50 4 16 1-1½" R513A 500 x 718 x 980 79 GD80F 8.00 0.81 230/1/50 4 16 1-1½" R513A 500 x 718 x 980 85 GDD100F 10.00 1.26 230/1/50 4 16 1-1½" R513A 500 x 718 x 980 85 GDD100F 10.00 1.26 230/1/50 4 16 2" R513A 720 x 750 x 1360 134 GDD130F 13.00 1.67 400/3/50 4 13 2" R513A 720 x 750 x 1360 134 GDD130F 15.83 2.03 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD250F 25.00 2.58 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD300F 30.00 3.1 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD353F 53.33 6.38 400/3/50 4 14 DN150 PN16 R513A 800 x 1012 x 1539 290 GDD353F 53.33 6.38 400/3/50 4 14 DN150 PN16 R513A 800 x 1012 x 1539 290 GDD353F 53.33 6.38 400/3/50 4 14 DN150 PN16 R513A 800 x 1012 x 1539 290 GDD360F 90.00 9.81 400/3/50 4 14 DN150 PN16 R513A 800 x 1819 x 1796 465 GDD000F 90.00 9.81 400/3/50 4 13 DN150 PN16 R513A 800 x 1819 x 1796 465 GDD000F 100.00 10.9 400/3/50 4 13 DN150 PN16 R513A 2270 x 1590 x 1570 1058 GDD1600F 100.00 13.56 400/3/50 4 13 DN150 PN16 R513A 2270 x 1590 x 1570 1058 GDD1600F 100.00 13.56 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1058 GDD1020F 191.67 16.24 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1265 GDD1020F 191.67 16.										
GDD18F			-				· <del>-</del>			
GDD24F 2.40 0.5 230/1/50 4 16 34" R513A 420 x 516 x 551 42 GDD30F 3.00 0.5 230/1/50 4 16 34" R513A 420 x 516 x 551 44 GDD37F 3.75 0.7 230/1/50 4 16 1" R513A 500 x 679 x 980 48 GDD43F 4.33 0.81 230/1/50 4 16 1" R513A 500 x 679 x 980 49 GDD50F 5.00 0.61 230/1/50 4 16 1" R513A 500 x 679 x 980 79 GDD60F 6.00 0.74 230/1/50 4 16 1-½" R513A 500 x 718 x 980 79 GDB60F 6.00 0.74 230/1/50 4 16 1-½" R513A 500 x 718 x 980 79 GDB60F 8.00 0.81 230/1/50 4 16 1-½" R513A 500 x 718 x 980 79 GDD80F 8.00 0.81 230/1/50 4 16 1-½" R513A 500 x 718 x 980 85 GDD100F 10.00 1.26 230/1/50 4 16 12" R513A 500 x 718 x 980 85 GDD100F 10.00 1.26 230/1/50 4 16 12" R513A 720 x 750 x 1360 134 GDD130F 13.00 1.67 400/3/50 4 13 2" R513A 720 x 750 x 1361 164 GDD160F 15.83 2.03 400/3/50 4 13 2" R513A 720 x 750 x 1361 164 GDD160F 21.67 2.24 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD250F 25.00 2.58 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 43.33 4.22 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 70.00 5.96 400/3/50 4 14 DN150 PN16 R513A 800 x 1012 x 1539 290 GDD430F 70.00 5.96 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 80.00 6.81 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 90.00 9.81 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 90.00 9.81 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 100.00 10.9 400/3/50 4 13 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 100.00 10.9 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1058 GDD1600F 100.00 13.56 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1058 GDD1600F 191.67 16.24 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1058 GDD1920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1058 GDD1920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1255 GDD2920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 4600 x 1590 x 1570 1256 GDD2920F 293.33 26.4 400/3/50 4 13 DN200										
GDD30F 3.00 0.5 230/1/50 4 16 4" R513A 420 x 516 x 551 44 GDD37F 3.75 0.7 230/1/50 4 16 1" R513A 500 x 679 x 980 48 GDD43F 4.33 0.81 230/1/50 4 16 1" R513A 500 x 679 x 980 49 GDD50F 5.00 0.61 230/1/50 4 16 1-½" R513A 500 x 679 x 980 49 GDD60F 6.00 0.74 230/1/50 4 16 1-½" R513A 500 x 718 x 980 79 GDD80F 8.00 0.81 230/1/50 4 16 1-½" R513A 500 x 718 x 980 79 GDB80F 8.00 0.81 230/1/50 4 16 1-½" R513A 500 x 718 x 980 85 GDD100F 10.00 1.26 230/1/50 4 16 2" R513A 720 x 750 x 1360 134 GDD130F 13.00 1.67 400/3/50 4 13 2" R513A 720 x 750 x 1361 164 GDD130F 15.83 2.03 400/3/50 4 13 2" R513A 720 x 750 x 1361 164 GDD216F 21.67 2.24 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD250F 25.00 2.58 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 43.33 4.22 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 70.00 5.96 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 70.00 5.96 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 417 GDDA700F 70.00 5.96 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 80.00 6.81 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 80.00 6.81 400/3/50 4 13 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 100.00 10.9 400/3/50 4 13 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 100.00 10.9 400/3/50 4 13 DN150 PN16 R513A 2270 x 1500 x 1555 780 GDD1600F 100.00 10.9 400/3/50 4 13 DN200 PN16 R513A 2270 x 1500 x 1555 780 GDD1600F 100.00 10.9 400/3/50 4 13 DN200 PN16 R513A 2270 x 1500 x 1555 780 GDD1600F 100.00 10.9 400/3/50 4 13 DN200 PN16 R513A 2270 x 1500 x 1555 780 GDD1600F 191.67 16.24 400/3/50 4 13 DN200 PN16 R513A 2270 x 1500 x 1555 780 GDD1200F 191.67 16.24 400/3/50 4 13 DN200 PN16 R513A 2270 x 1500 x 1555 780 GDD1200F 191.67 16.24 400/3/50 4 13 DN200 PN16 R513A 2270 x 1500 x 1555 780 GDD1200F 191.67 16.24 400/3/50 4 13 DN200 PN16 R513A 2270 x 1500 x 1555 780 GDD1200F 191.67 16.24 400/3/50 4 13 DN200 PN16 R513A 2270 x 1500 x 1570 1225 GDD220F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 4600 x 1500 x 1570 12										
GDD37F 3.75 0.7 230/1/50 4 16 1" R513A 500 x 679 x 980 48 GDD43F 4.33 0.81 230/1/50 4 16 1" R513A 500 x 679 x 980 49 GDD50F 5.00 0.61 230/1/50 4 16 1-½" R513A 500 x 679 x 980 79 GDD60F 6.00 0.74 230/1/50 4 16 1-½" R513A 500 x 718 x 980 79 GDD60F 8.00 0.81 230/1/50 4 16 1-½" R513A 500 x 718 x 980 79 GDD80F 8.00 0.81 230/1/50 4 16 1-½" R513A 500 x 718 x 980 79 GDD80F 10.00 1.26 230/1/50 4 16 2" R513A 720 x 750 x 1360 134 GDD130F 13.00 1.67 400/3/50 4 13 2" R513A 720 x 750 x 1361 164 GDD160F 15.83 2.03 400/3/50 4 13 2" R513A 720 x 750 x 1361 164 GDD160F 15.83 2.03 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD250F 25.00 2.58 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 43.33 4.22 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 43.33 4.22 400/3/50 4 14 DNISO PNI6 R513A 806 x 1012 x 1539 290 GDDA533F 53.33 6.38 400/3/50 4 14 DNISO PNI6 R513A 800 x 1819 x 1796 465 GDD340F 10.00 13.56 400/3/50 4 13 DNISO PNI6 R513A 800 x 1819 x 1796 465 GDD340F 146.67 13.2 400/3/50 4 13 DNISO PNI6 R513A 800 x 1819 x 1796 465 GDD340F 146.67 13.2 400/3/50 4 13 DNISO PNI6 R513A 800 x 1819 x 1796 465 GDD340F 146.67 13.2 400/3/50 4 13 DNISO PNI6 R513A 1510 x 1500 x 1555 780 GDD1460F 146.67 13.2 400/3/50 4 13 DNISO PNI6 R513A 2270 x 1590 x 1570 1285 GDD1920F 191.67 16.24 400/3/50 4 13 DNISO PNI6 R513A 2270 x 1590 x 1570 1285 GDD1920F 191.67 16.24 400/3/50 4 13 DNISO PNI6 R513A 2270 x 1590 x 1570 1285 GDD1920F 191.67 16.24 400/3/50 4 13 DNISO PNI6 R513A 2270 x 1590 x 1570 1285 GDD1920F 191.67 16.24 400/3/50 4 13 DNISO PNI6 R513A 4600 x 1590 x 1570 1285 GDD1920F 191.67 16.24 400/3/50 4 13 DNISO PNI6 R513A 4600 x 1590 x 1570 1285 GDD1920F 191.67 16.24 400/3/50 4 13 DNISO PNI6 R513A 4600 x 1590 x 1570 1285 GDD1920F 191.67 16.24 400/3/50 4 13 DNISO PNI6 R513A 4600 x 1590 x 1570 1285 GDD1920F 191.67 16.24 400/3/50 4 13 DNISO PNI6 R513A 4600 x 1590 x 1570 1285 GDD1920F 191.67 16.24 400/3/50 4 13 DNISO PNI6 R513A 4600 x 1590 x 1570 1285 GDD1920F 191.67 16.24 400/3/50 4 1						-				
GDD43F 4.33 0.81 230//50 4 16 1" R513A 500 x 679 x 980 49 GDD50F 5.00 0.61 230/1/50 4 16 1-½" R513A 500 x 718 x 980 79 GDD60F 6.00 0.74 230/1/50 4 16 1-½" R513A 500 x 718 x 980 79 GDD80F 8.00 0.81 230/1/50 4 16 1-½" R513A 500 x 718 x 980 79 GDD80F 8.00 1.26 230/1/50 4 16 1-½" R513A 500 x 718 x 980 85 GDD100F 10.00 1.26 230/1/50 4 16 2" R513A 720 x 750 x 1360 134 GDD130F 13.00 1.67 400/3/50 4 13 2" R513A 720 x 750 x 1361 164 GDD160F 15.83 2.03 400/3/50 4 13 2" R513A 720 x 750 x 1361 164 GDD160F 15.83 2.03 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD250F 25.00 2.58 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 43.33 4.22 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 43.33 4.22 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD4335F 53.33 6.38 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 417 GDDA700F 70.00 5.96 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDD900F 90.00 9.81 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDD900F 90.00 9.81 400/3/50 4 13 DN150 PN16 R513A 880 x 1819 x 1796 465 GDD900F 100.00 10.9 400/3/50 4 13 DN150 PN16 R513A 880 x 1819 x 1796 465 GDD900F 100.00 10.9 400/3/50 4 13 DN150 PN16 R513A 1510 x 1500 x 1555 780 GDD1460F 146.67 13.2 400/3/50 4 13 DN150 PN16 R513A 2270 x 1590 x 1570 128 GDD1460F 146.67 13.2 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 128 GDD1900F 191.67 16.24 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 128 GDD1920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 128 GDD1920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 128 GDD1920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 128 GDD1920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 128 GDD1920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 128 GDD1920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 4600 x 1590 x 1570 128 GDD1920F 293.33 26.4 400/3/50 4 13 2 x DN200 PN16 R513A 46										44
GDD50F 5.00 0.61 230/1/50 4 16 1-½" R513A 500 x 718 x 980 79 GDD60F 6.00 0.74 230/1/50 4 16 1-½" R513A 500 x 718 x 980 79 GDD80F 8.00 0.81 230/1/50 4 16 1-½" R513A 500 x 718 x 980 79 GDD80F 10.00 1.26 230/1/50 4 16 2" R513A 500 x 718 x 980 85 GDD100F 10.00 1.26 230/1/50 4 16 2" R513A 720 x 750 x 1360 134 GDD130F 13.00 1.67 400/3/50 4 13 2" R513A 720 x 750 x 1361 164 GDD160F 15.83 2.03 400/3/50 4 13 2" R513A 806 x 1012 x 1539 234 GDD20F 25.00 2.58 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD300F 30.00 3.1 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 43.33 4.22 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 70.00 5.96 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD4533F 53.33 6.38 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD450F 70.00 5.96 400/3/50 4 14 DN150 PN16 R513A 806 x 1012 x 1539 290 GDD450F 70.00 5.96 400/3/50 4 14 DN150 PN16 R513A 800 x 1819 x 1796 465 GDD800F 90.00 9.81 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDD800F 90.00 9.81 400/3/50 4 13 DN150 PN16 R513A 880 x 1819 x 1796 465 GDD900F 100.00 10.9 400/3/50 4 13 DN150 PN16 R513A 2270 x 1590 x 1570 1058 GDD1460F 146.67 13.2 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1128 GDD1920F 191.67 16.24 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1128 GDD2920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1286 GDD3200F 320.00 27.12 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1286 GDD3200F 320.00 27.12 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1286 GDD3200F 320.00 27.12 400/3/50 4 13 DN200 PN16 R513A 4600 x 1590 x 1570 1286 GDD3200F 320.00 27.12 400/3/50 4 13 DN200 PN16 R513A 4600 x 1590 x 1570 1286 GDD3200F 320.00 27.12 400/3/50 4 13 DN200 PN16 R513A 4600 x 1590 x 1570 1286 GDD3200F 320.00 27.12 400/3/50 4 13 DN200 PN16 R513A 4600 x 1590 x 1570 1286 GDD3200F 320.00 27.12 400/3/50 4 13 DN200 PN16 R513A 4600 x 1590 x 1570 2256	GDD37F	3.75	0.7	230/1/50	4		·	R513A	500 x 679 x 980	48
GDD60F         6.00         0.74         230/1/50         4         16         1 - ½"         R513A         500 x 718 x 980         79           GDD80F         8.00         0.81         230/1/50         4         16         1 - ½"         R513A         500 x 718 x 980         85           GDD100F         10.00         1.26         230/1/50         4         16         2"         R513A         720 x 750 x 1360         134           GDD130F         13.00         1.67         400/3/50         4         13         2"         R513A         720 x 750 x 1361         164           GDD160F         15.83         2.03         400/3/50         4         13         2"         R513A         720 x 750 x 1362         168           GDD216F         21.67         2.24         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         234           GDD250F         25.00         2.58         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         234           GDD375F         37.50         3.65         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         290           GDD4	GDD43F	4.33	0.81	230/1/50	4	16	1″	R513A	500 x 679 x 980	49
GDD80F         8.00         0.81         230/1/50         4         16         1 - ½"         R513A         500 x 718 x 980         85           GDD100F         10.00         1.26         230/1/50         4         16         2"         R513A         720 x 750 x 1360         134           GDD130F         13.00         1.67         400/3/50         4         13         2"         R513A         720 x 750 x 1361         164           GDD160F         15.83         2.03         400/3/50         4         13         2"         R513A         720 x 750 x 1362         168           GDD216F         21.67         2.24         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         234           GDD250F         25.00         2.58         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         234           GDD30F         30.00         3.1         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         234           GDD375F         37.50         3.65         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         290           GDD43	GDD50F	5.00	0.61	230/1/50	4	16	1 - ½"	R513A	500 x 718 x 980	79
GDD100F         10.00         1.26         230/1/50         4         16         2"         R513A         720 x 750 x 1360         134           GDD130F         13.00         1.67         400/3/50         4         13         2"         R513A         720 x 750 x 1361         164           GDD160F         15.83         2.03         400/3/50         4         13         2"         R513A         720 x 750 x 1362         168           GDD216F         21.67         2.24         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         234           GDD250F         25.00         2.58         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         234           GDD300F         30.00         3.1         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         234           GDD375F         37.50         3.65         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         290           GDD430F         43.33         4.22         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         290           GDD	GDD60F	6.00	0.74	230/1/50	4	16	1 - ½"	R513A	500 x 718 x 980	79
GDD130F 13.00 1.67 400/3/50 4 13 2" R513A 720 x 750 x 1361 164 GDD160F 15.83 2.03 400/3/50 4 13 2" R513A 720 x 750 x 1362 168 GDD216F 21.67 2.24 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD250F 25.00 2.58 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD300F 30.00 3.1 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 43.33 4.22 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 53.33 6.38 400/3/50 4 14 DN150 PN16 R513A 806 x 1012 x 1539 290 GDDA533F 53.33 6.38 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 417 GDDA700F 70.00 5.96 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDD800F 80.00 6.81 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDD900F 90.00 9.81 400/3/50 4 13 DN150 PN16 R513A 880 x 1819 x 1796 465 GDD1000F 100.00 10.9 400/3/50 4 13 DN150 PN16 R513A 1510 x 1500 x 1555 780 GDD1460F 146.67 13.2 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1058 GDD1600F 100.00 13.56 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1128 GDD1920F 191.67 16.24 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1128 GDD2920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1205 GDD2920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 2256	GDD80F	8.00	0.81	230/1/50	4	16	1 - ½"	R513A	500 x 718 x 980	85
GDD160F         15.83         2.03         400/3/50         4         13         2"         R513A         720 x 750 x 1362         168           GDD216F         21.67         2.24         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         234           GDD250F         25.00         2.58         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         234           GDD300F         30.00         3.1         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         234           GDD375F         37.50         3.65         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         290           GDD430F         43.33         4.22         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         290           GDDA533F         53.33         6.38         400/3/50         4         14         DN150 PN16         R513A         880 x 1819 x 1796         417           GDDA700F         70.00         5.96         400/3/50         4         14         DN150 PN16         R513A         880 x 1819 x 1796         465	GDD100F	10.00	1.26	230/1/50	4	16	2"	R513A	720 x 750 x 1360	134
GDD216F 21.67 2.24 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD250F 25.00 2.58 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD300F 30.00 3.1 400/3/50 4 14 3" R513A 806 x 1012 x 1539 234 GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 43.33 4.22 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 43.33 6.38 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDDA533F 53.33 6.38 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 417 GDDA700F 70.00 5.96 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 80.00 6.81 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDD900F 90.00 9.81 400/3/50 4 13 DN150 PN16 R513A 1510 x 1500 x 1555 780 GDD1460F 146.67 13.2 400/3/50 4 13 DN150 PN16 R513A 1510 x 1500 x 1555 780 GDD1460F 146.67 13.2 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1058 GDD1920F 191.67 16.24 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1128 GDD1920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 4600 x 1590 x 1570 2166 GDD3200F 320.00 27.12 400/3/50 4 13 2 x DN200 PN16 R513A 4600 x 1590 x 1570 2166 GDD3200F 320.00 27.12 400/3/50 4 13 2 x DN200 PN16 R513A 4600 x 1590 x 1570 2166 GDD3200F 320.00 27.12 400/3/50 4 13 2 x DN200 PN16 R513A 4600 x 1590 x 1570 2256	GDD130F	13.00	1.67	400/3/50	4	13	2"	R513A	720 x 750 x 1361	164
GDD250F         25.00         2.58         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         234           GDD300F         30.00         3.1         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         234           GDD375F         37.50         3.65         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         290           GDD430F         43.33         4.22         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         290           GDDA700F         70.00         5.96         400/3/50         4         14         DN150 PN16         R513A         880 x 1819 x 1796         417           GDDA800F         80.00         6.81         400/3/50         4         14         DN150 PN16         R513A         880 x 1819 x 1796         465           GDD900F         90.00         9.81         400/3/50         4         13         DN150 PN16         R513A         1510 x 1500 x 1555         780           GDD1460F         100.00         10.9         400/3/50         4         13         DN150 PN16         R513A         1510 x 1500 x 1570         10	GDD160F	15.83	2.03	400/3/50	4	13	2"	R513A	720 x 750 x 1362	168
GDD300F         30.00         3.1         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         234           GDD375F         37.50         3.65         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         290           GDD430F         43.33         4.22         400/3/50         4         14         3"         R513A         806 x 1012 x 1539         290           GDDA533F         53.33         6.38         400/3/50         4         14         DN150 PN16         R513A         880 x 1819 x 1796         417           GDDA700F         70.00         5.96         400/3/50         4         14         DN150 PN16         R513A         880 x 1819 x 1796         465           GDDA800F         80.00         6.81         400/3/50         4         14         DN150 PN16         R513A         880 x 1819 x 1796         465           GDD900F         90.00         9.81         400/3/50         4         13         DN150 PN16         R513A         1510 x 1500 x 1555         780           GDD1600F         100.00         10.9         400/3/50         4         13         DN150 PN16         R513A         2270 x 1590 x 1570	GDD216F	21.67	2.24	400/3/50	4	14	3"	R513A	806 x 1012 x 1539	234
GDD375F 37.50 3.65 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDD430F 43.33 4.22 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDDA533F 53.33 6.38 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 417 GDDA700F 70.00 5.96 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 80.00 6.81 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDD900F 90.00 9.81 400/3/50 4 13 DN150 PN16 R513A 1510 x 1500 x 1555 780 GDD1000F 100.00 10.9 400/3/50 4 13 DN150 PN16 R513A 1510 x 1500 x 1555 780 GDD1460F 146.67 13.2 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1058 GDD1920F 191.67 16.24 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1128 GDD2920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 2256 GDD3200F 320.00 27.12 400/3/50 4 13 2 x DN200 PN16 R513A 4600 x 1590 x 1570 2256	GDD250F	25.00	2.58	400/3/50	4	14	3"	R513A	806 x 1012 x 1539	234
GDD430F 43.33 4.22 400/3/50 4 14 3" R513A 806 x 1012 x 1539 290 GDDA533F 53.33 6.38 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 417 GDDA700F 70.00 5.96 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 80.00 6.81 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDD900F 90.00 9.81 400/3/50 4 13 DN150 PN16 R513A 1510 x 1500 x 1555 780 GDD1000F 100.00 10.9 400/3/50 4 13 DN150 PN16 R513A 1510 x 1500 x 1555 780 GDD1460F 146.67 13.2 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1058 GDD1920F 191.67 16.24 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1128 GDD2920F 293.33 26.4 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1205 GDD3200F 320.00 27.12 400/3/50 4 13 2 x DN200 PN16 R513A 4600 x 1590 x 1570 2256	GDD300F	30.00	3.1	400/3/50	4	14	3"	R513A	806 x 1012 x 1539	234
GDDA533F 53.33 6.38 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 417 GDDA700F 70.00 5.96 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDDA800F 80.00 6.81 400/3/50 4 14 DN150 PN16 R513A 880 x 1819 x 1796 465 GDD900F 90.00 9.81 400/3/50 4 13 DN150 PN16 R513A 1510 x 1500 x 1555 780 GDD1000F 100.00 10.9 400/3/50 4 13 DN150 PN16 R513A 1510 x 1500 x 1555 780 GDD1460F 146.67 13.2 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1058 GDD1600F 160.00 13.56 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1128 GDD1920F 191.67 16.24 400/3/50 4 13 DN200 PN16 R513A 2270 x 1590 x 1570 1205 GDD2920F 293.33 26.4 400/3/50 4 13 2 x DN200 PN16 R513A 4600 x 1590 x 1570 2116 GDD3200F 320.00 27.12 400/3/50 4 13 2 x DN200 PN16 R513A 4600 x 1590 x 1570 2256	GDD375F	37.50	3.65	400/3/50	4	14	3"	R513A	806 x 1012 x 1539	290
GDDA700F         70.00         5.96         400/3/50         4         14         DNI50 PNI6         R513A         880 x 1819 x 1796         465           GDDA800F         80.00         6.81         400/3/50         4         14         DNI50 PNI6         R513A         880 x 1819 x 1796         465           GDD900F         90.00         9.81         400/3/50         4         13         DNI50 PNI6         R513A         1510 x 1500 x 1555         780           GDD1000F         100.00         10.9         400/3/50         4         13         DN150 PNI6         R513A         1510 x 1500 x 1555         780           GDD1460F         146.67         13.2         400/3/50         4         13         DN200 PNI6         R513A         2270 x 1590 x 1570         1058           GDD1600F         160.00         13.56         400/3/50         4         13         DN200 PNI6         R513A         2270 x 1590 x 1570         1128           GDD1920F         191.67         16.24         400/3/50         4         13         DN200 PNI6         R513A         2270 x 1590 x 1570         1205           GDD3200F         293.33         26.4         400/3/50         4         13         2 x DN200 PNI6         R513A </td <td>GDD430F</td> <td>43.33</td> <td>4.22</td> <td>400/3/50</td> <td>4</td> <td>14</td> <td>3"</td> <td>R513A</td> <td>806 x 1012 x 1539</td> <td>290</td>	GDD430F	43.33	4.22	400/3/50	4	14	3"	R513A	806 x 1012 x 1539	290
GDDA800F         80.00         6.81         400/3/50         4         14         DN150 PN16         R513A         880 x 1819 x 1796         465           GDD900F         90.00         9.81         400/3/50         4         13         DN150 PN16         R513A         1510 x 1500 x 1555         780           GDD1000F         100.00         10.9         400/3/50         4         13         DN150 PN16         R513A         1510 x 1500 x 1555         780           GDD1460F         146.67         13.2         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1058           GDD1600F         160.00         13.56         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1128           GDD1920F         191.67         16.24         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1205           GDD2920F         293.33         26.4         400/3/50         4         13         2 x DN200 PN16         R513A         4600 x 1590 x 1570         2116           GDD3200F         320.00         27.12         400/3/50         4         13         2 x DN200 PN16 <td< td=""><td>GDDA533F</td><td>53.33</td><td>6.38</td><td>400/3/50</td><td>4</td><td>14</td><td>DN150 PN16</td><td>R513A</td><td>880 x 1819 x 1796</td><td>417</td></td<>	GDDA533F	53.33	6.38	400/3/50	4	14	DN150 PN16	R513A	880 x 1819 x 1796	417
GDD900F         90.00         9.81         400/3/50         4         13         DN150 PN16         R513A         1510 x 1500 x 1555         780           GDD1000F         100.00         10.9         400/3/50         4         13         DN150 PN16         R513A         1510 x 1500 x 1555         780           GDD1460F         146.67         13.2         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1058           GDD1600F         160.00         13.56         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1128           GDD1920F         191.67         16.24         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1205           GDD2920F         293.33         26.4         400/3/50         4         13         2 x DN200 PN16         R513A         4600 x 1590 x 1570         2116           GDD3200F         320.00         27.12         400/3/50         4         13         2 x DN200 PN16         R513A         4600 x 1590 x 1570         2256	GDDA700F	70.00	5.96	400/3/50	4	14	DN150 PN16	R513A	880 x 1819 x 1796	465
GDD1000F         100.00         10.9         400/3/50         4         13         DN150 PN16         R513A         1510 x 1500 x 1555         780           GDD1460F         146.67         13.2         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1058           GDD1600F         160.00         13.56         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1128           GDD1920F         191.67         16.24         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1205           GDD2920F         293.33         26.4         400/3/50         4         13         2 x DN200 PN16         R513A         4600 x 1590 x 1570         2116           GDD3200F         320.00         27.12         400/3/50         4         13         2 x DN200 PN16         R513A         4600 x 1590 x 1570         2256	GDDA800F	80.00	6.81	400/3/50	4	14	DN150 PN16	R513A	880 x 1819 x 1796	465
GDD1460F         146.67         13.2         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1058           GDD1600F         160.00         13.56         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1128           GDD1920F         191.67         16.24         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1205           GDD2920F         293.33         26.4         400/3/50         4         13         2 x DN200 PN16         R513A         4600 x 1590 x 1570         2116           GDD3200F         320.00         27.12         400/3/50         4         13         2 x DN200 PN16         R513A         4600 x 1590 x 1570         2256	GDD900F	90.00	9.81	400/3/50	4	13	DN150 PN16	R513A	1510 x 1500 x 1555	780
GDD1600F         160.00         13.56         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1128           GDD1920F         191.67         16.24         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1205           GDD2920F         293.33         26.4         400/3/50         4         13         2 x DN200 PN16         R513A         4600 x 1590 x 1570         2116           GDD3200F         320.00         27.12         400/3/50         4         13         2 x DN200 PN16         R513A         4600 x 1590 x 1570         2256	GDD1000F	100.00	10.9	400/3/50	4	13	DN150 PN16	R513A	1510 x 1500 x 1555	780
GDD1920F         191.67         16.24         400/3/50         4         13         DN200 PN16         R513A         2270 x 1590 x 1570         1205           GDD2920F         293.33         26.4         400/3/50         4         13         2 x DN200 PN16         R513A         4600 x 1590 x 1570         2116           GDD3200F         320.00         27.12         400/3/50         4         13         2 x DN200 PN16         R513A         4600 x 1590 x 1570         2256	GDD1460F	146.67	13.2	400/3/50	4	13	DN200 PN16	R513A	2270 x 1590 x 1570	1058
GDD2920F     293.33     26.4     400/3/50     4     13     2 x DN200 PN16     R513A     4600 x 1590 x 1570     2116       GDD3200F     320.00     27.12     400/3/50     4     13     2 x DN200 PN16     R513A     4600 x 1590 x 1570     2256	GDD1600F	160.00	13.56	400/3/50	4	13	DN200 PN16	R513A	2270 x 1590 x 1570	1128
GDD2920F     293.33     26.4     400/3/50     4     13     2 x DN200 PN16     R513A     4600 x 1590 x 1570     2116       GDD3200F     320.00     27.12     400/3/50     4     13     2 x DN200 PN16     R513A     4600 x 1590 x 1570     2256	GDD1920F	191.67	16.24	400/3/50	4	13	DN200 PN16	R513A	2270 x 1590 x 1570	1205
GDD3200F 320.00 27.12 400/3/50 4 13 2 x DN200 PN16 R513A 4600 x 1590 x 1570 2256	GDD2920F	293.33	26.4		4	13	2 x DN200 PN16	R513A		2116
	GDD3200F	320.00	27.12	400/3/50	4	13	2 x DN200 PN16	R513A	4600 x 1590 x 1570	2256
0000000	GDD3840F	383.33	32.48	400/3/50	4	13	2 x DN200 PN16	R513A	4600 x 1590 x 1570	2410

# Water Cooled Dryers from 10.00 m³/min to 383.33 m³/min

Model	Air Flow-rate 3°C	Absorbed power	Power Supply	Dew Point	Max Pressure	Air Connection	Refrigerant	Dimensions W x D x H	Weight
	m³/min	kW	V/Ph/Hz	ISO Class	bar g	BSP		mm	kg
GDD100FW	10.00	0.96	230/1/50	4	16	2"	R513A	752 x 750 x 1273	143
GDD130FW	13.00	1.55	400/3/50	4	13	2"	R513A	752 x 750 x 1273	168
GDD160FW	15.83	1.89	400/3/50	4	13	2"	R513A	752 x 750 x 1273	168
GDD216FW	21.67	2.04	400/3/50	4	14	3"	R513A	806 x 1012 x 1422	265
GDD250FW	25.00	2.36	400/3/50	4	14	3"	R513A	806 x 1012 x 1422	265
GDD300FW	30.00	2.83	400/3/50	4	14	3"	R513A	806 x 1012 x 1422	265
GDD375FW	37.50	3.38	400/3/50	4	14	3"	R513A	806 x 1012 x 1422	375
GDD430FW	43.33	3.90	400/3/50	4	14	3"	R513A	806 x 1012 x 1422	375
GDDA533FW	53.33	5.7	400/3/50	4	14	DN150 PN16	R513A	880 x 1819 x 1796	460
GDDA700FW	70.00	5.38	400/3/50	4	14	DN150 PN16	R513A	880 x 1819 x 1796	486
GDDA800FW	80.00	6.15	400/3/50	4	14	DN150 PN16	R513A	880 x 1819 x 1796	486
GDD900FW	90.00	8.98	400/3/50	4	13	DN150 PN16	R513A	1510 x 1500 x 1437	740
GDD1000FW	100.00	9.973	400/3/50	4	13	DN150 PN16	R513A	1510 x 1500 x 1437	740
GDD1460FW	146.67	12.14	400/3/50	4	13	DN200 PN16	R513A	2270 x 1590 x 1440	1010
GDD1600FW	160.00	12.43	400/3/50	4	13	DN200 PN16	R513A	2270 x 1590 x 1440	1060
GDD1920FW	191.67	14.9	400/3/50	4	13	DN200 PN16	R513A	2270 x 1590 x 1440	1117
GDD2920FW	293.33	24.28	400/3/50	4	13	2 x DN200 PN16	R513A	4600 x 1590 x 1570	2020
GDD3200FW	320.00	24.86	400/3/50	4	13	2 x DN200 PN16	R513A	4600 x 1590 x 1570	2120
GDD3840FW	383.33	29.8	400/3/50	4	13	2 x DN200 PN16	R513A	4600 x 1590 x 1570	2234



# **Global** Expertise

The GD rotary screw compressor range from 2.2-500 kW, available in both variable and fixed speed compression technologies, are designed to meet the highest requirements which the modern work environment and machine operators place on them.



The oil-free EnviroAire range from 15-355 kW provides high quality and energy efficient compressed air for use in a wide range of applications. The totally oil-free design eliminates the issue of contaminated air, reducing the risk and associated cost of product spoilage and rework.

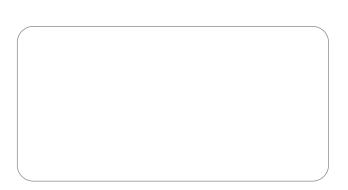


A modern production system and process demands increasing levels of air quality. Our complete **Air Treatment Range** ensures the highest product quality and efficient operation.



Compressor systems are typically comprised of multiple compressors delivering air to a common header. The combined capacity of these machines is generally greater than the maximum site demand. To ensure the system is operated to the highest levels of efficiency, the **GD Connect** air management system is essential.





gdcompressors.eu@gardnerdenver.com www.gardnerdenver.com/gdproducts

For additional information please contact Gardner Denver or your local representative.

Specifications subject to change without notice.