

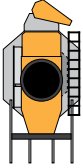
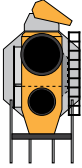
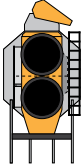
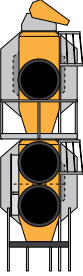
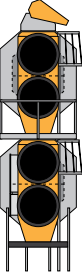
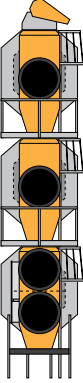
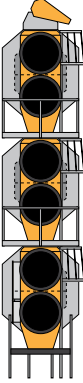
# ***PORTABLE DRYERS***

Increase Yields and  
**IMPROVE**  
PROFITS

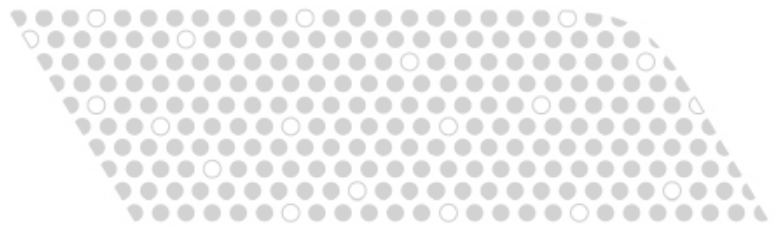


Take control.

# MODEL OVERVIEW

|                                                                      |  |  |  |  |  |  |  |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| SERIES                                                               | 1100<br>&<br>Q100                                                                 | 1200<br>&<br>Q200                                                                 | 1200S&H <sup>†</sup><br>&<br>Q200S&H <sup>†</sup>                                 | 2300<br>&<br>2Q00                                                                 | 2400<br>&<br>Q400                                                                   | 3400<br>&<br>3Q00                                                                   | 3600<br>&<br>Q600                                                                   |
| MAX.<br>HOLDING<br>CAPACITY<br>[BU.]                                 | 219 – 708                                                                         | 381 – 708                                                                         | 381 – 708                                                                         | 731 – 1,304                                                                       | 1,044 – 1,340                                                                       | 1,074 – 1,995                                                                       | 1,534 – 1,995                                                                       |
| APPROX.<br>DRYING<br>CAPACITY<br>[FULL HEAT<br>20%–15%] <sup>2</sup> | 420 – 1,160 BPH                                                                   | 680 – 1,180 BPH                                                                   | 990 – 1,330 BPH                                                                   | 1,460 – 2,700 BPH                                                                 | 2,010 – 2,700 BPH                                                                   | 2,190 – 4,000 BPH                                                                   | 2,950 – 4,000 BPH                                                                   |
| MODEL<br>FOOT<br>PRINT                                               | 15'2"x8' – 33'2"x8'                                                               | 21'2"x8' – 33'2"x8'                                                               | 21'2"x8'8" – 33'2"x8'8"                                                           | 23'10"x8'8" – 35'10"x8'8"                                                         | 23'10"x8'8" – 35'10"x8'8"                                                           | 23'10"x8'8" – 35'10"x8'8"                                                           | 23'10"x8'8" – 35'10"x8'8"                                                           |
| OPTIONAL<br>INVERTERS<br>AVAILABLE                                   | N/A                                                                               | N/A                                                                               | Yes                                                                               | Yes                                                                               | Yes                                                                                 | Yes                                                                                 | Yes                                                                                 |
| DRYING<br>MODE                                                       | All Heat,<br>Batch                                                                | Dry/Cool.<br>All Heat,<br>Continuous<br>Flow, Staged<br>Batch, Batch              | Dry/Cool.<br>All Heat,<br>Continuous<br>Flow, Staged<br>Batch, Batch              | Dry/Cool.<br>All Heat,<br>Continuous<br>Flow, Staged<br>Batch, Batch              | Dry/Cool.<br>All Heat,<br>Continuous<br>Flow, Staged<br>Batch, Batch                | Dry/Cool.<br>All Heat,<br>Continuous<br>Flow, Staged<br>Batch, Batch                | Dry/Cool.<br>All Heat,<br>Continuous<br>Flow, Staged<br>Batch, Batch                |
| MODELS<br>AVAILABLE<br>IN<br>X-STREAM                                | N/A                                                                               | N/A                                                                               | 1220HX<br>1222HX<br>1226HX                                                        | 2320X<br>2322X<br>2326X                                                           | 2420X<br>2426X                                                                      | 3420X<br>3422X<br>3426X                                                             | 3620X<br>3626X                                                                      |

See back page for additional annotation.





1112

GRAND  
GRAIN DIVISION OF GSI  
ASSUMPTION BLINDS

GSI

# LARGEST GRAIN HOLDING CAPACITY

Drying grain too fast or too slow with the wrong airflow results in low quality grain and/or decreased efficiency. GSI dryers provide the optimal balance between the heat level, retention time and airflow for best grain quality and efficiency.

## HIGHLIGHTS

- Single, double or triple module models available
- 420 to 4,000 BPH drying capacity
- All heat or Dry/Cool operation types
- LP or natural gas



## GSI QUIET DRYERS™

The GSI Quiet Dryer is 50% quieter than vane axial portable dryers without any loss in capacity or airflow. With a frequency in the 1,000 Hz range, it produces a more comfortable, less harsh tone.

Quiet Dryers use a best-in-class, commercial grade blower – the same blower used in our Zimmerman Tower Dryers. This patent-pending feature, combined with star-fire burner, used on existing vane axial portable dryers, provides an efficient delivery of airflow to the burner.

Quiet Dryer are available in Dry/Cool, featuring a single blower and two plenums, available in either a 60/40 or 50/50 split. This patent-pending design allows for airflow to be optimized in both the upper and lower plenums, which maximizes capacities from model to model.

GSI Stacked Quiet Dryers use a dry/cool 50/50 lower module.

## X-STREAM™ DRYERS

Fans and heaters on most traditional dryers are mounted on the same end. The optional X-Stream dryer design features fans and heaters mounted in a staggered configuration on opposite ends of the dryer. With this design, the X-Stream delivers more uniform heat throughout the entire dryer, regardless of column location. The result is a higher quality grain that is more evenly dried at a lower cost and up to a 10 percent gain in efficiency.

## ADVANCED DRYER CONTROL

The Vision Network Dryer Control system is designed to take the guesswork out of operating your GSI Portable Dryer. With a quick glance, you can see the operating status of the augers, fans and heaters on the large, easy-to-read color touchscreen. On-screen temperature and moisture-based controls let you modify and manage plenum and grain temperatures quickly and easily.

### FEATURES:

- 10.4" TFT color screen with touch screen control
- 32-Bit microprocessor control
- Standard with 13 different language capabilities, including English, Spanish, French, German, Russian, Polish, Portuguese, Dutch, Danish, Bulgarian, Czech, Hungarian and Romanian.
- Plenum temperature manager
- Individual safety monitoring with status displayed on-screen
- Shut-downs logged with time and date
- Safety disconnect on every dryer
- Low voltage safety circuit
- Includes hour meter



## GSI *CONNECT*™

With GSI Connect you can monitor and manage your dryer from the combine, truck, or even in bed.

-  **MONITOR REMOTELY** See the status, adjust set points, change unload speeds, monitor performance, and more from anywhere.
-  **REDUCE DOWNTIME** Get alerted to errors or stoppages to quickly address potential issues.
-  **OPTIMIZE PERFORMANCE** Save time and money with remote diagnostics to keep your dryer its best.
-  **MAXIMIZE PROFIT** Take control this harvest and get more from what you worked hard to produce.



## DRYER START-UP MADE EASY

What used to take two to four hours can now be done automatically. Simply input the incoming moisture of the grain, desired outgoing moisture and the grain type and hit start. Vision Auto-Start will manage and control the pre-drying of the grain and stage the operation of the dryer.

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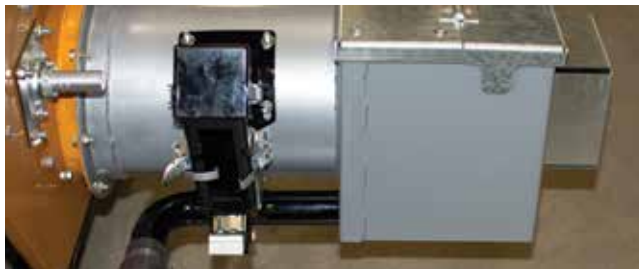


### AC METERING ROLLS AND ADJUSTABLE FLOW GATES

A 4" AC variable frequency drive metering roll smoothly transitions grain from your dryer to your handling system. When grain quality is poor and debris is present, adjustable flow gates allow you to customize control of grain volume in each column for more consistent drying.

An optional upgrade to a 7" meter roll system does not require the use of gates.

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### STATIC MOISTURE SAMPLER

Takes readings only when the grain is static and not flowing. Using GSI's patented discharge auger to ensure that a true cross section of the grain is sampled, a reading is taken once per minute and the dryer automatically adjusts to provide optimal results.

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## EVEN HEAT AND GRAIN QUALITY

High/Low fire cycling helps to maintain a uniform plenum temperature. Each plenum chamber also has an air-mixing chamber to thoroughly mix the air and heat.

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## OPTIMIZED AIRFLOW

Airflow is sized to match the basket to achieve consistent airflow and capacity. Additional benefits include high air flow across a wide static pressure range, quiet operation and reduced energy cost.

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## HIGH EFFICIENCY BURNER

Provides even heat distribution and maximum airflow to the dryer's plenum. An electronic ignition system monitors the burner and a view window provides for easy observation of the burner while in operation. Features include easy-to-adjust vaporizer, large service access door and oil-filled gas pressure gauges.

Standard on GSI dryers, On/Off Fire offers a wider range of plenum temperature control down to five degrees above ambient temperature for wheat and other temperature-sensitive grains.



# 1100 / Q100 SERIES

**CONFIGURATION:** Single module, single fan & heater with a single plenum. Not expandable. Available with either Vane Axial Fan or Quiet Blower [GSI Quiet Dryer].

**APPLICATION:** Small- to medium-sized farms using bins 50,000 bushels or less with adequate bin cooling air. Perfect as a first high speed dryer, the 1100 series delivers between 420 to 1,160 BPH All Heat drying at 5-point removal. While primarily an All Heat corn drying system, the 1100 Series dryer can also be used in Continuous Batch Dry & Cool operation full time or for specific situations – putting a dry cone in a flat bottom wet bin, or occasional soybean or wheat drying – to still be able to deliver cooled grain.

|                                                                | 1108                            | 1112/Q112                       | 1114/Q114                     | 1116/Q116                     | 1118/Q118                     | 1120/Q120                       | 1122/Q122                       | 1126/Q126                      |
|----------------------------------------------------------------|---------------------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|
| DRYING CAPACITY, SHELLLED CORN <sup>1</sup>                    |                                 |                                 |                               |                               |                               |                                 |                                 |                                |
| DRY AND COOL<br>25% TO 15% STAGED<br>BATCH                     | 170 BPH                         | 210 BPH                         | 250 BPH                       | 280 BPH                       | 320 BPH                       | 360 BPH                         | 390 BPH                         | 460 BPH                        |
| DRY AND COOL<br>20% TO 15% STAGED<br>BATCH                     | 220 BPH                         | 270 BPH                         | 320 BPH                       | 370 BPH                       | 430 BPH                       | 480 BPH                         | 520 BPH                         | 610 BPH                        |
| FULL HEAT 30% TO 15% <sup>2</sup>                              | 190 BPH                         | 250 BPH                         | 300 BPH                       | 320 BPH                       | 380 BPH                       | 410 BPH                         | 460 BPH                         | 540 BPH                        |
| FULL HEAT 25% TO 15% <sup>2</sup>                              | 260 BPH                         | 340 BPH                         | 390 BPH                       | 440 BPH                       | 510 BPH                       | 560 BPH                         | 610 BPH                         | 720 BPH                        |
| FULL HEAT 20% TO 15% <sup>2</sup>                              | 420 BPH                         | 530 BPH                         | 610 BPH                       | 710 BPH                       | 820 BPH                       | 910 BPH                         | 990 BPH                         | 1,160 BPH                      |
| BASIC CONSTRUCTION                                             | 1 Module<br>1 Stage             | 1 Module<br>1 Stage             | 1 Module<br>1 Stage           | 1 Module<br>1 Stage           | 1 Module<br>1 Stage           | 1 Module<br>1 Stage             | 1 Module<br>1 Stage             | 1 Module<br>1 Stage            |
| GRAIN COLUMNS                                                  | 14" x 8' Long                   | 14" x 12' Long                  | 14" x 14' Long                | 14" x 16' Long                | 14" x 18' Long                | 14" x 20' Long                  | 14" x 22' Long                  | 14" x 26' Long                 |
| TOTAL HOLDING CAPACITY                                         | 219 BU                          | 327 BU                          | 381 BU                        | 436 BU                        | 490 BU                        | 544 BU                          | 599 BU                          | 708 BU                         |
| GRAIN COLUMN HOLDING<br>CAP.                                   | 190 BU                          | 282 BU                          | 329 BU                        | 376 BU                        | 423 BU                        | 470 BU                          | 517 BU                          | 611 BU                         |
| TOP AUGER (LOADING)                                            | 8" Flight /<br>2 HP             | 8" Flight /<br>2 HP             | 8" Flight /<br>3 HP           | 8" Flight /<br>5 HP           | 8" Flight /<br>5 HP           | 8" Flight /<br>7.5 HP           | 8" Flight /<br>7.5 HP           | 8" Flight /<br>10 HP           |
| CAPACITY                                                       | 3,800 BPH                       | 3,800 BPH                       | 3,800 BPH                     | 3,800 BPH                     | 3,800 BPH                     | 3,800 BPH                       | 3,800 BPH                       | 3,800 BPH                      |
| BOTTOM AUGER<br>(UNLOADING)                                    | 8" Flight/<br>10" Tube - 2.5 HP | 8" Flight/<br>10" Tube - 2.5 HP | 8" Flight/<br>10" Tube - 3 HP | 8" Flight/<br>10" Tube - 5 HP | 8" Flight/<br>10" Tube - 5 HP | 8" Flight/<br>10" Tube - 7.5 HP | 8" Flight/<br>10" Tube - 7.5 HP | 8" Flight/<br>10" Tube - 10 HP |
| METER ROLL DRIVE                                               | VFD, 1 HP                       | VFD, 1 HP                       | VFD, 1 HP                     | VFD, 1 HP                     | VFD, 1 HP                     | VFD, 1 HP                       | VFD, 1 HP                       | VFD, 1 HP                      |
| MAXIMUM CAPACITY                                               | 1,125 BPH                       | 1,680 BPH                       | 1,960 BPH                     | 2,240 BPH                     | 2,520 BPH                     | 2,800 BPH                       | 3,080 BPH                       | 3,640 BPH                      |
| TRANSPORT LENGTH<br>(HITCH TO DISCHARGE<br>AUGER) <sup>3</sup> | 17'2"                           | 21'2" (24'10")                  | 23'2" (26'10")                | 25'2" (28'10")                | 27'2" (31'10")                | 29'2" (33'10")                  | 31'2" (35'10")                  | 35'2" (39'10")                 |
| TRANSPORT WIDTH                                                | 8'                              | 8'                              | 8'                            | 8'                            | 8'                            | 8'                              | 8'                              | 8'                             |
| TRANSPORT HEIGHT <sup>3</sup>                                  | 13'5" (11'9")                   | 13'5" (11'9")                   | 13'5" (11'9")                 | 13'5" (11'9")                 | 13'5" (11'9")                 | 13'5" (11'9")                   | 13'5" (11'9")                   | 13'5" (11'9")                  |
| APPROX. TRANSPORT<br>WEIGHT <sup>4</sup>                       | 5,200 lb.                       | 6,300 lb.<br>(7,800)            | 7,000 lb.<br>(8,500)          | 7,500 lb.<br>(9,000)          | 8,000 lb.<br>(9,800)          | 8,700 lb.<br>(10,500)           | 9,500 lb.<br>(11,300)           | 11,000 lb.<br>(12,800)         |
| INSTALLED LENGTH <sup>4</sup>                                  | 15'2"                           | 19'2" (22'10")                  | 21'2" (24'10")                | 23'2" (26'10")                | 25'2" (29'10")                | 27'2" (31'10")                  | 29'2" (33'10")                  | 33'2" (37'10")                 |
| INSTALLED WIDTH                                                | 8'                              | 8'                              | 8'                            | 8'                            | 8'                            | 8'                              | 8'                              | 8'                             |
| INSTALLED HEIGHT<br>(EXCLUDING<br>FOUNDATION SUPPORTS)         | 14'6"                           | 14'6"                           | 14'6"                         | 14'6"                         | 14'6"                         | 14'6"                           | 14'6"                           | 14'6"                          |
| HEATER (MAX BTU)                                               | 4.5 Mil. btu/hr                 | 4.5 Mil. btu/hr                 | 5.75 Mil. btu/<br>hr          | 5.75 Mil. btu/<br>hr          | 6.75 Mil. btu/<br>hr          | 7.5 Mil. btu/hr                 | 8.75 Mil. btu/<br>hr            | 10.25 Mil.<br>btu/hr           |

## VANE AXIAL FAN SPECIFICATIONS

|                                                                             | 1108          | 1112          | 1114          | 1116          | 1118       | 1120       | 1122       | 1126       |
|-----------------------------------------------------------------------------|---------------|---------------|---------------|---------------|------------|------------|------------|------------|
| FAN 1 PH                                                                    | 10-16 HP, 36" | 10-16 HP, 36" | 10-16 HP, 40" | 10-16 HP, 40" | N/A        | N/A        | N/A        | N/A        |
| FAN 3 PH                                                                    | 10-16 HP, 36" | 15 HP, 36"    | 15 HP, 40"    | 15 HP, 40"    | 20 HP, 42" | 25 HP, 42" | 30 HP, 42" | 40 HP, 42" |
| ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.) <sup>5</sup> |               |               |               |               |            |            |            |            |
| SINGLE PHASE, 230 V.                                                        | 101/122       | 101/156       | 109/164       | 124/179       | N/A        | N/A        | N/A        | N/A        |
| THREE PHASE, 208 V.                                                         | 57/95         | 57/95         | 64/115        | 77/127        | 88/138     | 117/193    | 128/204    | 167/244    |
| THREE PHASE, 230 V.                                                         | 53/83         | 53/88         | 60/108        | 71/120        | 81/130     | 107/178    | 117/188    | 157/228    |
| THREE PHASE, 460 V.                                                         | 29/41         | 29/44         | 32/54         | 38/60         | 43/65      | 56/89      | 61/94      | 81/114     |
| THREE PHASE, 575 V.                                                         | 25/36         | 25/36         | 28/45         | 33/50         | 36/54      | 46/73      | 50/77      | 67/94      |

## QUIET DRYER BLOWER SPECIFICATIONS

|                                                                             | Q112       | Q114       | Q116       | Q118 <sup>7</sup> | Q120 <sup>7</sup> | Q122 <sup>7</sup> | Q126 <sup>7</sup> |
|-----------------------------------------------------------------------------|------------|------------|------------|-------------------|-------------------|-------------------|-------------------|
| FAN PH                                                                      | 15 HP, 49" | 15 HP, 49" | 15 HP, 49" | 25 HP, 54"        | 30 HP, 54"        | 30 HP, 54"        | 40 HP, 54"        |
| ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.) <sup>5</sup> |            |            |            |                   |                   |                   |                   |
| SINGLE PHASE, 230 V.                                                        | 103/163    | 111/171    | 126/186    | 210/270           | 253/331           | 253/331           | 324/402           |
| THREE PHASE, 230 V.                                                         | 64/105     | 71/125     | 82/136     | 106/160           | 134/210           | 134/210           | 168/244           |
| THREE PHASE, 460 V.                                                         | 30/50      | 33/60      | 39/66      | 50/77             | 64/102            | 64/102            | 81/119            |

See back page for additional annotation.

# 1200 / Q200 SERIES

**1200 CONFIGURATION:** Single module, 2 vane axial fans & heaters each with its own plenum in a 67/33 split. Not expandable.

**Q200 CONFIGURATION (QUIET DRYER):** One quiet blower and two heaters in a 67/33 split.

**APPLICATION:** Small- to medium-sized farms that require flexibility in drying options. The 1200 Series is good for corn and many other grains operating in Dry & Cool mode and good for corn or rice operating in All Heat. Its economical design gives between 400 to 730 BPH Dry & Cool and 680 to 1,160 BPH All Heat at 5-point removal. As with all Vision-equipped, multiple fan GSI dryers, the 1200 Series can be operated in any mode – All Heat, Dry & Cool, Continuous Flow or Batch.

|                                                          | 1214/Q214               | 1216/Q216               | 1218/Q218               | 1220/Q220                 | 1222/Q222                 | 1226/Q226                |
|----------------------------------------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|
| DRYING CAPACITY, SHELLED CORN <sup>1</sup>               |                         |                         |                         |                           |                           |                          |
| DRY AND COOL 25% TO 15%                                  | 250 BPH                 | 290 BPH                 | 320 BPH                 | 350 BPH                   | 400 BPH                   | 450 BPH                  |
| DRY AND COOL 20% TO 15%                                  | 400 BPH                 | 470 BPH                 | 510 BPH                 | 560 BPH                   | 640 BPH                   | 730 BPH                  |
| FULL HEAT 30% TO 15% <sup>2</sup>                        | 330 BPH                 | 380 BPH                 | 410 BPH                 | 430 BPH                   | 480 BPH                   | 540 BPH                  |
| FULL HEAT 25% TO 15% <sup>2</sup>                        | 420 BPH                 | 480 BPH                 | 520 BPH                 | 590 BPH                   | 650 BPH                   | 730 BPH                  |
| FULL HEAT 20% TO 15% <sup>2</sup>                        | 680 BPH                 | 770 BPH                 | 840 BPH                 | 950 BPH                   | 1,060 BPH                 | 1,180 BPH                |
| BASIC CONSTRUCTION                                       | 1 Module / 2 Stages     | 1 Module / 2 Stages     | 1 Module / 2 Stages     | 1 Module / 2 Stages       | 1 Module / 2 Stages       | 1 Module / 2 Stages      |
| GRAIN COLUMNS                                            | 14" x 14' Long          | 14" x 16' Long          | 14" x 18' Long          | 14" x 20' Long            | 14" x 22' Long            | 14" x 26' Long           |
| TOTAL HOLDING CAPACITY                                   | 381 BU                  | 436 BU                  | 490 BU                  | 544 BU                    | 599 BU                    | 708 BU                   |
| GRAIN COLUMN HOLDING CAP.                                | 329 BU                  | 376 BU                  | 423 BU                  | 470 BU                    | 517 BU                    | 611 BU                   |
| TOP AUGER (LOADING)                                      | 8" 5 HP                 | 8" 5 HP                 | 8" 5 HP                 | 8" 7.5 HP                 | 8" 7.5 HP                 | 8" 10 HP                 |
| CAPACITY                                                 | 3,800 BPH               | 3,800 BPH               | 3,800 BPH               | 3,800 BPH                 | 3,800 BPH                 | 3,800 BPH                |
| BOTTOM AUGER (UNLOADING)                                 | 8" Flight/10" Tube 5 HP | 8" Flight/10" Tube 5 HP | 8" Flight/10" Tube 5 HP | 8" Flight/10" Tube 7.5 HP | 8" Flight/10" Tube 7.5 HP | 8" Flight/10" Tube 10 HP |
| METER ROLL DRIVE                                         | VFD, 1 HP               | VFD, 1 HP               | VFD, 1 HP               | VFD, 1 HP                 | VFD, 1 HP                 | VFD, 1 HP                |
| MAXIMUM CAPACITY                                         | 1,960 BPH               | 2,240 BPH               | 2,520 BPH               | 2,800 BPH                 | 3,080 BPH                 | 3,640 BPH                |
| TRANSPORT LENGTH (HITCH TO DISCHARGE AUGER) <sup>4</sup> | 23'2" (28'10")          | 25'2" (30'10")          | 27'2" (33'10")          | 29'2" (35'10")            | 31'2" (37'10")            | 35'2" (41'10")           |
| TRANSPORT WIDTH                                          | 8'                      | 8'                      | 8'                      | 8'                        | 8'                        | 8'                       |
| TRANSPORT HEIGHT <sup>3</sup>                            | 13'5" (11'9")           | 13'5" (11'9")           | 13'5" (11'9")           | 13'5" (11'9")             | 13'5" (11'9")             | 13'5" (11'9")            |
| APPROX. TRANSPORT WEIGHT <sup>4</sup>                    | 7,600 lbs. (9,100)      | 8,200 lbs. (9,600)      | 9,000 lbs. (10,500)     | 9,800 lbs. (11,200)       | 10,500 lbs. (12,000)      | 12,000 lbs. (13,500)     |
| INSTALLED LENGTH <sup>4</sup>                            | 21'2" (26'10")          | 23'2" (28'10")          | 25'2" (31'10")          | 27'2" (33'10")            | 29'2" (35'10")            | 33'2" (37'10")           |
| INSTALLED WIDTH                                          | 8'                      | 8'                      | 8'                      | 8'                        | 8'                        | 8'                       |
| INSTALLED HEIGHT (EXCLUDING FOUNDATION SUPPORTS)         | 14'6"                   | 14'6"                   | 14'6"                   | 14'6"                     | 14'6"                     | 14'6"                    |
| HEATERS (MAX BTU)                                        | 1@3.5 Mil. btu/hr       | 1@4.5 Mil. btu/hr       | 1@4.5 Mil. btu/hr       | 1@5.5 Mil. btu/hr         | 1@6.75 Mil. btu/hr        | 1@7.5 Mil. btu/hr        |
|                                                          | 1@3 Mil. btu/hr         | 1@3 Mil. btu/hr         | 1@3 Mil. btu/hr         | 1@3.0 Mil. btu/hr         | 1@3.0 Mil. btu/hr         | 1@3.0 Mil. btu/hr        |

## VANE AXIAL FAN SPECIFICATIONS

|                                                                             | 1214         | 1216         | 1218         | 1220         | 1222         | 1226         |
|-----------------------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FANS 1 PH                                                                   | 1@12 HP, 36" | 1@15 HP, 36" | 1@15 HP, 36" | 1@15 HP, 40" | N/A          | N/A          |
|                                                                             | 1@12 HP, 28" | 1@10 HP, 28" | 1@10 HP, 28" | 1@10 HP, 28" | N/A          | N/A          |
| FANS 3 PH                                                                   | 1@12 HP, 36" | 1@15 HP, 36" | 1@15 HP, 36" | 1@15 HP, 40" | 1@20 HP, 42" | 1@25 HP, 42" |
|                                                                             | 1@12 HP, 28" | 1@10 HP, 28" | 1@10 HP, 28" | 1@12 HP, 28" | 1@12 HP, 28" | 1@12 HP, 28" |
| ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.) <sup>5</sup> |              |              |              |              |              |              |
| SINGLE PHASE, 230 V.                                                        | 157/212      | 177/232      | 177/232      | 191/246      | N/A          | N/A          |
| THREE PHASE, 208 V.                                                         | 112/162      | 112/162      | 112/162      | 125/202      | 136/213      | 164/240      |
| THREE PHASE, 230 V.                                                         | 99/148       | 104/153      | 104/153      | 116/187      | 126/197      | 154/225      |
| THREE PHASE, 460 V.                                                         | 52/74        | 55/76        | 55/76        | 61/93        | 66/98        | 80/112       |
| THREE PHASE, 575 V.                                                         | 48/66        | 49/66        | 49/66        | 54/81        | 57/84        | 68/95        |

## QUIET DRYER BLOWER SPECIFICATIONS

|                                                                             | Q214       | Q216       | Q218'      | Q220'      | Q222'      | Q226'      |
|-----------------------------------------------------------------------------|------------|------------|------------|------------|------------|------------|
| FAN PH                                                                      | 15 HP, 49" | 15 HP, 49" | 25 HP, 54" | 30 HP, 54" | 30 HP, 54" | 40 HP, 54" |
| ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.) <sup>5</sup> |            |            |            |            |            |            |
| SINGLE PHASE, 230 V.                                                        | 111/171    | 126/186    | 210/270    | 253/331    | 253/331    | 324/402    |
| THREE PHASE, 230 V.                                                         | 71/125     | 82/136     | 106/160    | 134/210    | 134/210    | 168/244    |
| THREE PHASE, 460 V.                                                         | 33/60      | 39/66      | 50/77      | 64/102     | 64/102     | 81/119     |

See back page for additional annotation.

# 1200S&H / Q200S&H SERIES

**1200S&H CONFIGURATION:** Single module, two vane axial fans fans and heaters, each with its own plenum in a 50/50 split. S-Series are upgradable with additional modules, while the H-Series is not.

**Q200S&H CONFIGURATION (QUIET DRYER):** One quiet blower and two heaters in a 50/50 split.

**S-SERIES APPLICATION:** Small, medium or large farms with plans to expand drying capacity. As the base for a two or three stack dryer, the 1200S Series is ideal for farmers with plans to add a second or third module at a later date. On its own, the 1200S design – similar to the 1200H – is good for those farms that need the maximum capacity on single phase and/or primarily run All Heat or can utilize Staged Auto for Dry & Cool operation.

**H-SERIES APPLICATION:** The 1200H is primarily Staged Auto or Batch Dry & Cool for corn and many other grains and can operate with corn or rice in All Heat. Economical design that produces between 570 to 700 BPH Dry & Cool and 1,080 to 1,330 BPH All Heat at 5-point removal.

|                                                                | 1214S/Q214S                  | 1218S/Q218S                  | 1220S/1220H<br>Q220S/Q220H†    | 1222S/1222H<br>Q222S/Q222H†    | 1226S/1226H<br>Q226S/Q226H†   |
|----------------------------------------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|-------------------------------|
| <b>DRYING CAPACITY, SHELLS CORN<sup>1</sup></b>                |                              |                              |                                |                                |                               |
| DRY AND COOL<br>25% TO 15% STAGED BATCH                        | 260 BPH                      | 350 BPH                      | 400 BPH                        | 430 BPH                        | 530 BPH                       |
| DRY AND COOL<br>20% TO 15% STAGED BATCH                        | 360 BPH                      | 450 BPH                      | 520 BPH                        | 570 BPH                        | 700 BPH                       |
| DRY AND COOL 25% TO 15%                                        | 185 BPH                      | 240 BPH                      | 280 BPH                        | 300 BPH                        | 375 BPH                       |
| DRY AND COOL 20% TO 15%                                        | 300 BPH                      | 385 BPH                      | 445 BPH                        | 485 BPH                        | 600 BPH                       |
| FULL HEAT 30% TO 15% <sup>2</sup>                              | 300 BPH                      | 390 BPH                      | 450 BPH                        | 490 BPH                        | 620 BPH                       |
| FULL HEAT 25% TO 15% <sup>2</sup>                              | 450 BPH                      | 540 BPH                      | 620 BPH                        | 670 BPH                        | 820 BPH                       |
| FULL HEAT 20% TO 15% <sup>2</sup>                              | 730 BPH                      | 860 BPH                      | 990 BPH                        | 1,080 BPH                      | 1,330 BPH                     |
| BASIC CONSTRUCTION                                             | 1 Module / 2 Stages          | 1 Module / 2 Stages          | 1 Module / 2 Stages            | 1 Module / 2 Stages            | 1 Module / 2 Stages           |
| GRAIN COLUMNS                                                  | 14" x 14' Long               | 14" x 18' Long               | 14" x 20' Long                 | 14" x 22' Long                 | 14" x 26' Long                |
| TOTAL HOLDING CAPACITY                                         | 381 BU                       | 490 BU                       | 544 BU                         | 599 BU                         | 708 BU                        |
| GRAIN COLUMN<br>HOLDING CAPACITY                               | 329 BU                       | 423 BU                       | 470 BU                         | 517 BU                         | 611 BU                        |
| TOP AUGER (LOADING)                                            | 5 HP                         | 5 HP                         | 7.5 HP                         | 7.5 HP                         | 10 HP                         |
| CAPACITY                                                       | 3,800 BPH                    | 3,800 BPH                    | 3,800 BPH                      | 3,800 BPH                      | 3,800 BPH                     |
| BOTTOM AUGER<br>(UNLOADING)                                    | 8" Flight/10" Tube /<br>5 HP | 8" Flight/10" Tube /<br>5 HP | 8" Flight/10" Tube /<br>7.5 HP | 8" Flight/10" Tube /<br>7.5 HP | 8" Flight/10" Tube /<br>10 HP |
| METER ROLL DRIVE                                               | VFD, 1 HP                    | VFD, 1 HP                    | VFD, 1 HP                      | VFD, 1 HP                      | VFD, 1 HP                     |
| MAXIMUM CAPACITY                                               | 1,960 BPH                    | 2,520 BPH                    | 2,800 BPH                      | 3,080 BPH                      | 3,640 BPH                     |
| TRANSPORT LENGTH<br>(HITCH TO DISCHARGE<br>AUGER) <sup>4</sup> | 23'2" (28'10")               | 27'2" (33'10")               | 29'2" (35'10")                 | 31'2" (37'10")                 | 35'2" (39'10")                |
| TRANSPORT WIDTH                                                | 8'                           | 8'                           | 8'                             | 8'                             | 8'                            |
| TRANSPORT HEIGHT <sup>3</sup>                                  | 13'5" (11'9")                | 13'5" (11'9")                | 13'5" (11'9")                  | 13'5" (11'9")                  | 13'5" (11'9")                 |
| APPROX. TRANSPORT<br>WEIGHT <sup>4</sup>                       | 9,500 lbs. [9,100]           | 11,500 lbs. [10,500]         | 14,500 lbs. [11,200]           | 15,500 lbs. [12,000]           | 18,500 lbs. [13,500]          |
| INSTALLED LENGTH <sup>4</sup>                                  | 21'2" (26'10")               | 25'2" (31'10")               | 27'2" (33'10")                 | 30'2" (35'10")                 | 33'2" (37'10")                |
| INSTALLED WIDTH                                                | 8'8"                         | 8'8"                         | 8'8" / 8'†                     | 8'8" / 8'†                     | 8'8" / 8'†                    |
| INSTALLED HEIGHT<br>(EXCLUDING FOUNDA-<br>TION SUPPORTS)       | 14'6"                        | 14'6"                        | 14'6"                          | 14'6"                          | 14'6"                         |
| HEATERS (MAX BTU)                                              | 2@3.0 Mil.btu/hr             | 2@3.5 Mil.btu/hr             | 2@4.5 Mil.btu/hr               | 2@4.5 Mil.btu/hr               | 2@6.75 Mil.btu/hr             |

## VANE AXIAL FAN SPECIFICATIONS

|                                                                                   | 1214S        | 1218S           | 1220S/1220H† | 1222S/1222H† | 1226S/1226H† |
|-----------------------------------------------------------------------------------|--------------|-----------------|--------------|--------------|--------------|
| FANS 1 PH                                                                         | 2@12 HP, 28" | 2@10-12 HP, 36" | 2@15 HP, 36" | 2@15 HP, 36" | N/A          |
| FANS 3 PH                                                                         | 2@12 HP, 28" | 2@10-12 HP, 36" | 2@15 HP, 36" | 2@15 HP, 36" | 2@25 HP, 40" |
| <b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b> |              |                 |              |              |              |
| SINGLE PHASE, 230 V.                                                              | 157/212      | 157/212         | 211/266      | 211/266      | N/A          |
| THREE PHASE, 208 V.                                                               | 106/156      | 106/144         | 131/208      | 131/208      | 196/273      |
| THREE PHASE, 230 V.                                                               | 99/148       | 99/134          | 121/192      | 121/192      | 183/254      |
| THREE PHASE, 460 V.                                                               | 52/74        | 52/68           | 63/96        | 63/96        | 94/127       |
| THREE PHASE, 575 V.                                                               | 48/66        | 48/66           | 54/81        | 54/81        | 77/104       |

## QUIET DRYER BLOWER SPECIFICATIONS

|                                                                                   | Q214S      | Q218S <sup>7</sup> | Q220S/Q220H <sup>7</sup> | Q222S/Q222H <sup>7</sup> | Q226S/Q226H <sup>7</sup> |
|-----------------------------------------------------------------------------------|------------|--------------------|--------------------------|--------------------------|--------------------------|
| FAN PH                                                                            | 15 HP, 49" | 15 HP, 49"         | 25 HP, 54"               | 30 HP, 54"               | 40 HP, 54"               |
| <b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b> |            |                    |                          |                          |                          |
| SINGLE PHASE, 230 V.                                                              | 111/171    | 210/270            | 253/331                  | 253/331                  | 324/402                  |
| THREE PHASE, 230 V.                                                               | 71/125     | 106/160            | 134/210                  | 134/210                  | 168/244                  |
| THREE PHASE, 460 V.                                                               | 33/60      | 50/77              | 64/102                   | 64/102                   | 81/119                   |

See back page for additional annotation.

# 2300 / 2Q00 & 2400 / Q400 SERIES

**2300 SERIES CONFIGURATION:** 2 modules, 3 fans and heaters, one on the upper module and 2 on the lower module.

**2Q00 CONFIGURATION (QUIET DRYER):** Two modules, two quiet blowers, and three heaters, one on the upper module and two on the lower module.

**2400 SERIES CONFIGURATION:** Two modules, four fans and heaters, two on each module.

**Q400 CONFIGURATION (QUIET DRYER):** Two modules, two quiet blowers and four heaters.

**APPLICATION:** Medium to large farms who want to increase grain drying capacity without increasing the footprint. Primarily continuous Dry & Cool for corn and many other grains or All Heat for corn or rice. *(Note: it takes bins no larger than 50,000 bu. to cool corn dried in the All Heat mode at no more than 1,500 BPH capacity for safe cooling and storage without special management.)* Delivers 1,000 to 1,840 BPH Dry & Cool and 1,460 to 2,700 BPH All Heat high speed drying at 5–point removal.

|                                                           | 2314/2Q14'                             | 2318/2Q18'                              | 2320/2Q20'                             | 2322/2Q22'                              | 2326/2Q26'                                | 2420/Q420'                      | 2426/Q426'                     |
|-----------------------------------------------------------|----------------------------------------|-----------------------------------------|----------------------------------------|-----------------------------------------|-------------------------------------------|---------------------------------|--------------------------------|
| <b>DRYING CAPACITY, SHELLLED CORN<sup>1</sup></b>         |                                        |                                         |                                        |                                         |                                           |                                 |                                |
| DRY AND COOL 25% TO 15%                                   | 620 BPH                                | 770 BPH                                 | 850 BPH                                | 930 BPH                                 | 1,130 BPH                                 | 850 BPH                         | 1,130 BPH                      |
| DRY AND COOL 20% TO 15%                                   | 1,000 BPH                              | 1,240 BPH                               | 1,380 BPH                              | 1,500 BPH                               | 1,840 BPH                                 | 1,380 BPH                       | 1,840 BPH                      |
| FULL HEAT 30% TO 15% <sup>2</sup>                         | 670 BPH                                | 830 BPH                                 | 920 BPH                                | 1,010 BPH                               | 1,200 BPH                                 | 920 BPH                         | 1,200 BPH                      |
| FULL HEAT 25% TO 15% <sup>2</sup>                         | 900 BPH                                | 1,120 BPH                               | 1,250 BPH                              | 1,360 BPH                               | 1,670 BPH                                 | 1,250 BPH                       | 1,670 BPH                      |
| FULL HEAT 20% TO 15% <sup>2</sup>                         | 1,460 BPH                              | 1,810 BPH                               | 2,010 BPH                              | 2,200 BPH                               | 2,700 BPH                                 | 2,010 BPH                       | 2,700 BPH                      |
| BASIC CONSTRUCTION                                        | 2 Modules/<br>3 Stages                 | 2 Modules/<br>3 Stages                  | 2 Modules/<br>3 Stages                 | 2 Modules/<br>3 Stages                  | 2 Modules/<br>3 Stages                    | 2 Modules/<br>4 Stages          | 2 Modules/<br>4 Stages         |
| GRAIN COLUMNS                                             | 14" x 14' Long                         | 14" x 18' Long                          | 14" x 20' Long                         | 14" x 22' Long                          | 14" x 26' Long                            | 14" x 20' Long                  | 14" x 26' Long                 |
| TOTAL HOLDING CAPACITY                                    | 731 BU                                 | 940 BU                                  | 1,044 BU                               | 1,149 BU                                | 1,304 BU                                  | 1,044 BU                        | 1,340 BU                       |
| GRAIN COLUMN HOLDING CAP.                                 | 679 BU                                 | 873 BU                                  | 970 BU                                 | 1,067 BU                                | 1,261 BU                                  | 970 BU                          | 1,261 BU                       |
| TOP AUGER (LOADING)                                       | 5 HP                                   | 5 HP                                    | 7.5 HP                                 | 7.5 HP                                  | 10 HP                                     | 7.5 HP                          | 10 HP                          |
| CAPACITY                                                  | 3,800 BPH                              | 3,800 BPH                               | 3,800 BPH                              | 3,800 BPH                               | 3,800 BPH                                 | 3,800 BPH                       | 3,800 BPH                      |
| BOTTOM AUGER (UNLOADING)                                  | 8" Flight/<br>10" Tube - 5 HP          | 8" Flight/<br>10" Tube - 5 HP           | 8" Flight/<br>10" Tube - 7.5 HP        | 8" Flight/<br>10" Tube - 7.5 HP         | 8" Flight/<br>10" Tube - 10 HP            | 8" Flight/<br>10" Tube - 7.5 HP | 8" Flight/<br>10" Tube - 10 HP |
| METER ROLL DRIVE                                          | VFD, 1 HP                              | VFD, 1 HP                               | VFD, 1 HP                              | VFD, 1 HP                               | VFD, 1 HP                                 | VFD, 1 HP                       | VFD, 1 HP                      |
| MAXIMUM CAPACITY                                          | 1,960 BPH                              | 2,520 BPH                               | 2,800 BPH                              | 3,080 BPH                               | 3,640 BPH                                 | 2,800 BPH                       | 3,640 BPH                      |
| TRANSPORT LENGTH (HITCH TO DISCHARGE AUGER) <sup>4</sup>  | 23'2" (28'10")                         | 27'2" (38'10")                          | 29'2" (35'10")                         | 31'2" (37'10")                          | 35'2" (39'10")                            | 29'2" (35'10")                  | 35'2" (39'10")                 |
| TRANSPORT WIDTH                                           | 8'                                     | 8'                                      | 8'                                     | 8'                                      | 8'                                        | 8'                              | 8'                             |
| TRANSPORT HEIGHT <sup>3</sup>                             | 13'5" (11'9")                          | 13'5" (11'9")                           | 13'5" (11'9")                          | 13'5" (11'9")                           | 13'5" (11'9")                             | 13'5" (11'9")                   | 13'5" (11'9")                  |
| APPRX. TRANSPORT WEIGHT <sup>4</sup> (LESS TRANSPORT KIT) | 16,000 lbs.<br>(17,600 lbs.)           | 19,000 lbs.<br>(20,300 lbs.)            | 21,000 lbs.<br>(21,700 lbs.)           | 22,500 lbs.<br>(23,300 lbs.)            | 25,000 lbs.<br>(26,300 lbs.)              | 23,500 lbs.<br>(22,400 lbs.)    | 28,000 lbs.<br>(27,000 lbs.)   |
| INSTALLED LENGTH <sup>4</sup>                             | 23'10" (26'10")                        | 27'10" (31'10")                         | 29'10" (33'10")                        | 31'10" (35'10")                         | 35'10" (37'10")                           | 29'10" (33'10")                 | 35'10" (37'10")                |
| INSTALLED WIDTH                                           | 8'8"                                   | 8'8"                                    | 8'8"                                   | 8'8"                                    | 8'8"                                      | 8'8"                            | 8'8"                           |
| INSTALLED HEIGHT (EXCLUD. FOUNDATION SUPPORTS)            | 25'11"                                 | 25'11"                                  | 25'11"                                 | 25'11"                                  | 25'11"                                    | 25'11"                          | 25'11"                         |
| HEATERS (MAX BTU)                                         | 1@5.5 Mil. btu/hr<br>2@3.0 Mil. btu/hr | 1@6.75 Mil. btu/hr<br>2@3.5 Mil. btu/hr | 1@7.5 Mil. btu/hr<br>2@4.5 Mil. btu/hr | 1@8.75 Mil. btu/hr<br>2@4.5 Mil. btu/hr | 1@10.25 Mil. btu/hr<br>2@6.75 Mil. btu/hr | 4@4.5 Mil. btu/hr               | 4@6.75 Mil. btu/hr             |

## VANE AXIAL FAN SPECIFICATIONS

|                                                                                   | 2314            | 2318            | 2320         | 2322         | 2326         | 2420         | 2426         |
|-----------------------------------------------------------------------------------|-----------------|-----------------|--------------|--------------|--------------|--------------|--------------|
| FANS 1 PH                                                                         | 1@15 HP, 40"    | N/A             | N/A          | N/A          | N/A          | N/A          | N/A          |
|                                                                                   | 2@10–12 HP, 28" | N/A             | N/A          | N/A          | N/A          | N/A          | N/A          |
| FANS 3 PH                                                                         | 1@15 HP, 40"    | 1@20 HP, 42"    | 1@25 HP, 42" | 1@30 HP, 42" | 1@40 HP, 42" | 4@15 HP, 36" | 4@25 HP, 40" |
|                                                                                   | 2@10–12 HP, 28" | 2@10–12 HP, 36" | 2@15 HP, 36" | 2@15 HP, 36" | 2@25 HP, 40" |              |              |
| <b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b> |                 |                 |              |              |              |              |              |
| SINGLE PHASE, 220 V.                                                              | 230/285         | N/A             | N/A          | N/A          | N/A          | 359/421      | N/A          |
| THREE PHASE, 208 V.                                                               | 147/197         | 158/208         | 199/275      | 199/275      | 302/379      | 213/295      | 382/464      |
| THREE PHASE, 230 V.                                                               | 137/186         | 135/184         | 183/254      | 183/254      | 281/352      | 197/273      | 313/389      |
| THREE PHASE, 460 V.                                                               | 71/93           | 70/92           | 94/127       | 99/132       | 143/176      | 101/139      | 159/197      |
| THREE PHASE, 575 V.                                                               | 65/82           | 68/86           | 78/105       | 82/109       | 115/142      | 85/117       | 128/160      |

## QUIET DRYER BLOWER SPECIFICATIONS

|                                                                                   | 2Q14'        | 2Q18'        | 2Q20'        | 2Q22'        | 2Q26'        | Q420'        | Q426'        |
|-----------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FANS PH                                                                           | 2@15 HP, 49" | 2@25 HP, 54" | 2@30 HP, 54" | 2@30 HP, 54" | 2@40 HP, 54" | 2@30 HP, 54" | 2@40 HP, 54" |
| <b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b> |              |              |              |              |              |              |              |
| SINGLE PHASE, 230 V.                                                              | 188/248      | 356/416      | 428/506      | 428/506      | 552/630      | 428/506      | 552/630      |
| THREE PHASE, 230 V.                                                               | 118/172      | 167/221      | 210/286      | 210/286      | 264/340      | 210/286      | 264/340      |
| THREE PHASE, 460 V.                                                               | 57/84        | 84/111       | 106/144      | 106/144      | 132/170      | 106/144      | 132/170      |

See back page for additional annotation.

# 3400 / 3Q00 & 3600 / Q600 SERIES

**3400 SERIES CONFIG.:** 3 modules, 4 fans & heaters, one on the upper and middle module and 2 on the lower module.

**3Q00 CONFIGURATION (QUIET DRYER):** Three modules, three quiet blowers, and four heaters, one on the upper and middle module and two on the lower module.

**3600 SERIES CONFIGURATION:** Three modules, six fans & heaters, two each on all three modules.

**Q600 CONFIGURATION (QUIET DRYER):** Three modules, three quiet blowers and six heaters.

**APPLICATION:** The max. grain drying capacity in a Portable Dryer for large farm operations. Primarily continuous Dry & Cool for corn and many other grains or All Heat for corn or rice. *(Note it takes bins no larger than 50,000 bu. to cool corn dried in the All Heat mode at no more than 1,500 BPH capacity for safe cooling and storage without special management.)* Economical design delivers 840 to 2,450 BPH Dry & Cool and 1,000 to 4,000 BPH All Heat high speed drying at 5-point removal.

|                                                           | 3414/3Q14'                           | 3418/3Q18'                              | 3420/3Q20'                             | 3422/3Q22'                              | 3426/3Q26'                                | 3620/Q620'                      | 3626/Q626'                     |
|-----------------------------------------------------------|--------------------------------------|-----------------------------------------|----------------------------------------|-----------------------------------------|-------------------------------------------|---------------------------------|--------------------------------|
| <b>DRYING CAPACITY, SHELLLED CORN<sup>1</sup></b>         |                                      |                                         |                                        |                                         |                                           |                                 |                                |
| DRY AND COOL 25% TO 15%                                   | 840 BPH                              | 1,040 BPH                               | 1,120 BPH                              | 1,250 BPH                               | 1,520 BPH                                 | 1,120 BPH                       | 1,520 BPH                      |
| DRY AND COOL 20% TO 15%                                   | 1,340 BPH                            | 1,670 BPH                               | 1,800 BPH                              | 2,020 BPH                               | 2,450 BPH                                 | 1,800 BPH                       | 2,450 BPH                      |
| FULL HEAT 30% TO 15% <sup>2</sup>                         | 1,000 BPH                            | 1,250 BPH                               | 1,400 BPH                              | 1,510 BPH                               | 1,820 BPH                                 | 1,400 BPH                       | 1,820 BPH                      |
| FULL HEAT 25% TO 15% <sup>2</sup>                         | 1,360 BPH                            | 1,680 BPH                               | 1,830 BPH                              | 2,040 BPH                               | 2,480 BPH                                 | 1,830 BPH                       | 2,480 BPH                      |
| FULL HEAT 20% TO 15% <sup>2</sup>                         | 2,190 BPH                            | 2,720 BPH                               | 2,950 BPH★                             | 3,300 BPH★                              | 4,000 BPH★                                | 2,950 BPH                       | 4,000 BPH                      |
| BASIC CONSTRUCTION                                        | 3 Modules/<br>4 Stages               | 3 Modules/<br>4 Stages                  | 3 Modules/<br>4 Stages                 | 3 Modules/<br>4 Stages                  | 3 Modules/<br>4 Stages                    | 3 Modules/<br>6 Stages          | 3 Modules/<br>6 Stages         |
| GRAIN COLUMNS                                             | 14" x 14' Long                       | 14" x 18' Long                          | 14" x 20' Long                         | 14" x 22' Long                          | 14" x 26' Long                            | 14" x 20' Long                  | 14" x 26' Long                 |
| TOTAL HOLDING CAPACITY                                    | 1,074 BU                             | 1,381 BU                                | 1,534 BU                               | 1,688 BU                                | 1,995 BU                                  | 1,534 BU                        | 1,995 BU                       |
| GRAIN COLUMN HOLDING CAP.                                 | 1,022 BU                             | 1,314 BU                                | 1,460 BU                               | 1,606 BU                                | 1,898 BU                                  | 1,460 BU                        | 1,898 BU                       |
| TOP AUGER (LOADING)                                       | 5 HP                                 | 5 HP                                    | 7.5 HP                                 | 7.5 HP                                  | 10 HP                                     | 7.5 HP                          | 10 HP                          |
| CAPACITY                                                  | 3,800 BPH                            | 3,800 BPH                               | 3,800 BPH                              | 3,800 BPH                               | 3,800 BPH                                 | 3,800 BPH                       | 3,800 BPH                      |
| BOTTOM AUGER (UNLOADING)                                  | 8" Flight/<br>10" Tube - 5 HP        | 8" Flight/<br>10" Tube - 5 HP           | 8" Flight/<br>10" Tube - 7.5 HP        | 8" Flight/<br>10" Tube - 7.5 HP         | 8" Flight/<br>10" Tube - 10 HP            | 8" Flight/<br>10" Tube - 7.5 HP | 8" Flight/<br>10" Tube - 10 HP |
| METER ROLL DRIVE                                          | VFD, 1 HP                            | VFD, 1 HP                               | VFD, 1 HP                              | VFD, 1 HP                               | VFD, 1 HP                                 | VFD, 1 HP                       | VFD, 1 HP                      |
| MAXIMUM CAPACITY                                          | 1,960 BPH                            | 2,520 BPH                               | 2,800 BPH                              | 3,080 BPH                               | 3,640 BPH                                 | 2,800 BPH                       | 3,640 BPH                      |
| TRANSPORT LENGTH (HITCH TO DISCHARGE AUGER) <sup>4</sup>  | 23'2" (28'10")                       | 27'2" (33'10")                          | 29'2" (35'10")                         | 31'2" (37'10")                          | 35'2" (39'10")                            | 29'2" (35'10")                  | 35'2" (39'10")                 |
| TRANSPORT WIDTH                                           | 8'                                   | 8'                                      | 8'                                     | 8'                                      | 8'                                        | 8'                              | 8'                             |
| TRANSPORT HEIGHT <sup>3</sup>                             | 13'5" (11'9")                        | 13'5" (11'9")                           | 13'5" (11'9")                          | 13'5" (11'9")                           | 13'5" (11'9")                             | 13'5" (11'9")                   | 13'5" (11'9")                  |
| APPRX. TRANSPORT WEIGHT <sup>4</sup> (LESS TRANSPORT KIT) | 23,000 lbs.<br>(26,100 lbs.)         | 26,500 lbs.<br>(30,100 lbs.)            | 29,500 lbs.<br>(32,200 lbs.)           | 30,500 lbs.<br>(34,600 lbs.)            | 35,000 lbs.<br>(39,100 lbs.)              | 30,170 lbs.<br>(33,600 lbs.)    | 38,750 lbs.<br>(40,500 lbs.)   |
| INSTALLED LENGTH <sup>4</sup>                             | 23'10" (26'10")                      | 27'10" (31'10")                         | 29'10" (33'10")                        | 31'10" (35'10")                         | 35'10" (37'10")                           | 29'10" (33'10")                 | 35'10" (37'10")                |
| INSTALLED WIDTH                                           | 8'8"                                 | 8'8"                                    | 8'8"                                   | 8'8"                                    | 8'8"                                      | 8'8"                            | 8'8"                           |
| INSTALLED HEIGHT (EXCLUD. FOUNDATION SUPPORTS)            | 37'3"                                | 37'3"                                   | 37'3"                                  | 37'3"                                   | 37'3"                                     | 37'3"                           | 37'3"                          |
| HEATERS (MAX BTU)                                         | 2@5.5 Mil. btu/hr<br>2@3 Mil. btu/hr | 2@6.75 Mil. btu/hr<br>2@3.5 Mil. btu/hr | 2@7.5 Mil. btu/hr<br>2@4.5 Mil. btu/hr | 2@8.75 Mil. btu/hr<br>2@4.5 Mil. btu/hr | 2@10.25 Mil. btu/hr<br>2@6.75 Mil. btu/hr | 6@4.5 Mil. btu/hr               | 6@6.75 Mil. btu/hr             |

## VANE AXIAL FAN SPECIFICATIONS

|                                                                                   | 3414         | 3418            | 3420         | 3422         | 3426         | 3620         | 3626         |
|-----------------------------------------------------------------------------------|--------------|-----------------|--------------|--------------|--------------|--------------|--------------|
| FANS 1 PH                                                                         | 2@15 HP, 40" | N/A             | N/A          | N/A          | N/A          | N/A          | N/A          |
|                                                                                   | 2@12 HP, 28" | N/A             | N/A          | N/A          | N/A          | N/A          | N/A          |
| FANS 3 PH                                                                         | 2@15 HP, 40" | 2@20 HP, 42"    | 2@25 HP, 42" | 2@30 HP, 42" | 2@40 HP, 42" | 6@15 HP, 36" | 6@25 HP, 40" |
|                                                                                   | 2@12 HP, 28" | 2@10-12 HP, 36" | 2@15 HP, 36" | 2@15 HP, 36" | 2@25 HP, 40" |              |              |
| <b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b> |              |                 |              |              |              |              |              |
| SINGLE PHASE, 230 V.                                                              | 303/358      | N/A             | N/A          | N/A          | N/A          | N/A          | N/A          |
| THREE PHASE, 208 V.                                                               | 188/238      | 210/260         | 266/343      | 266/343      | 300/377      | 295/377      | 539/620      |
| THREE PHASE, 230 V.                                                               | 175/224      | 183/232         | 245/316      | 245/316      | 279/350      | 273/349      | 441/517      |
| THREE PHASE, 460 V.                                                               | 90/112       | 94/116          | 125/158      | 135/168      | 192/225      | 139/177      | 223/261      |
| THREE PHASE, 575 V.                                                               | 81/98        | 88/106          | 103/130      | 111/138      | 154/181      | 117/149      | 179/211      |

## QUIET DRYER BLOWER SPECIFICATIONS

|                                                                                   | 3Q14'        | 3Q18'        | 3Q20'        | 3Q22'        | 3Q26'        | Q620'        | Q626'        |
|-----------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FANS PH                                                                           | 3@15 HP, 49" | 3@25 HP, 54" | 3@30 HP, 54" | 3@30 HP, 54" | 3@40 HP, 54" | 3@30 HP, 54" | 3@40 HP, 54" |
| <b>ELECTRIC LOAD (MIN/MAX AMPS) (FAN, LOAD AUGER, UNLOAD. AUGER.)<sup>5</sup></b> |              |              |              |              |              |              |              |
| SINGLE PHASE, 230 V.                                                              | 250/310      | 502/562      | 603/663      | 603/681      | 780/858      | 603/681      | 780/858      |
| THREE PHASE, 230 V.                                                               | 155/209      | 226/280      | 286/362      | 286/362      | 360/436      | 286/362      | 360/436      |
| THREE PHASE, 460 V.                                                               | 78/105       | 114/141      | 144/182      | 144/182      | 180/218      | 144/182      | 180/218      |

See back page for additional annotation.

# X-STREAM SERIES

**CONFIGURATION:** Various. X-Stream is an optional rearrangement of the fans on various dryers (1200H, 1200S, 2300, 2400, 3400, or 3600 Series).

**APPLICATION:** Any size farm that wants to optimize grain drying abilities by drying grain more evenly. Adding the X-Stream Series will even out the heat delivery from front to back of the dryer, improving quality and efficiency. These dryers maintain all the features, benefits and best use criteria of the parent series.

|                              | 1220SX<br>&<br>1220HX † | 1222SX<br>&<br>1222HX † | 1226SX<br>&<br>1226HX † | 2320X    | 2322X    | 2326X    | 2420X    | 2426X    | 3420X    | 3422X    | 3426X    | 3620X    | 3626X    |
|------------------------------|-------------------------|-------------------------|-------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| STACKABLE                    |                         |                         |                         |          |          |          |          |          |          |          |          |          |          |
| MODULES                      | 1                       | 1                       | 1                       | 2        | 2        | 2        | 2        | 2        | 3        | 3        | 3        | 3        | 3        |
| FANS                         | 2                       | 2                       | 2                       | 3        | 3        | 3        | 4        | 4        | 4        | 4        | 4        | 6        | 6        |
| ELECTRICAL                   |                         |                         |                         |          |          |          |          |          |          |          |          |          |          |
| PHASE                        | 1 or 3                  | 1 or 3                  | 3                       | 3        | 3        | 3        | 1 or 3   | 3        | 3        | 3        | 3        | 1 or 3   | 3        |
| VOLTAGE                      | ALL                     | ALL                     | ALL                     | ALL      | ALL      | ALL      | ALL      | ALL      | ALL      | ALL      | ALL      | ALL      | ALL      |
| FUEL                         | LP or NG                | LP or NG                | LP or NG                | LP or NG | LP or NG | LP or NG | LP or NG | LP or NG | LP or NG | LP or NG | LP or NG | LP or NG | LP or NG |
| WEIGHT [LBS.]                | 14,500                  | 15,500                  | 18,500                  | 21,000   | 22,500   | 25,000   | 24,100   | 28,600   | 29,500   | 30,500   | 35,000   | 31,000   | 39,600   |
| WET BUSHELS FULL HEAT (BPH)  |                         |                         |                         |          |          |          |          |          |          |          |          |          |          |
| 10 PT. 25-15%                | 615                     | 670                     | 820                     | 1,245    | 1,355    | 1,670    | 1,250    | 1,670    | 1,825    | 2,040    | 2,475    | 1,830    | 2,480    |
| 5 PT. 20-15%                 | 990                     | 1,080                   | 1,330                   | 2,010    | 2,195    | 2,700    | 2,010    | 2,700    | 2,950★   | 3,300★   | 4,000★   | 2,950★   | 4,000★   |
| WET BUSHELS DRY & COOL (BPH) |                         |                         |                         |          |          |          |          |          |          |          |          |          |          |
| 10 PT. 25-15%                | 280                     | 300                     | 375                     | 850      | 930      | 1,130    | 850      | 1,130    | 1,120    | 1,250    | 1,520    | 1,120    | 1,520    |
| 5 PT. 20-15%                 | 445                     | 485                     | 600                     | 1,375    | 1,500    | 1,835    | 1,380    | 1,840    | 1,800    | 2,015    | 2,445    | 1,800    | 2,020    |

Amp and power info can be found on the previous specification pages, listed under the corresponding standard model numbers less the X.

1 – Capacities listed are wet bushels, for mature unfrozen #2 yellow shelled dent corn at listed moisture content and are estimates based on drying principles, field results and computer simulation. Variance may occur due to grain's physiological factors (kernel size, chemical composition, variety, maturity), excessive fines, adverse weather conditions, etc.

2 – Grain discharged hot from the dryer will result in a final moisture content of 15% after cooling in the bin.

3 – Shortest possible height in [ ].

4 – Quiet Dryer in [ ].

5 – Minimum: Fan[s] & Dryer Load & Unload motor name plate amperages + 5 for control & VFD load.

Maximum: Fan[s] & Dryer Load & Unload & largest auxiliary motor name plate amperages + 5 for control & VFD load.

6 – Small Grain Screen Perforations (0.055") are available for canola and other small grains. There will be an approximate 20% reduction in capacity on corn and other large grains.

7 – Single to three phase converters can be used.

† – S-Series dryers are upgradable with additional modules, while the H-Series is not.

★ – Limited by Meter Roll maximum capacity.



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