

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

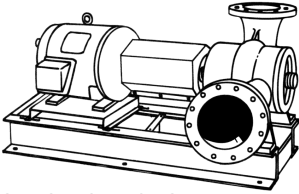
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 5x6x15-1/2 VSCS Centrifugal Pumps Base Mounted - Double suction

### SPECIFICATIONS

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

APPROX. WEIGHT \_\_\_\_\_

SPECIALS \_\_\_\_\_

### MATERIALS OF CONSTRUCTION

☒ BRONZE FITTED

### FEATURES

- ☒ ANSI/OSHA Coupling Guard
- ☒ Center Drop Out Spacer Coupling
- ☒ Fabricated Heavy Duty Baseplate

### TYPE OF SEAL

**Standard Seal Construction, 175 PSIG (12 Bar) working pressure, 125# ANSI flanges.**  
std. flush(-F)

- ☐ ☐ Standard: Crane Type 21, Buna/Carbon-Ceramic, 90 psig (6 bar) max. suction pressure  
Temp. range: -20 to 225°F (-29 to 107 °C).
- ☐ ☐ Optional: Crane Type 21, EPR/Carbon-Tungsten 90 psig (6 bar) max. suction pressure,  
Temp. range: -20 to 250 °F (-29 to 121 °C).
- ☐ ☐ Optional: Crane Type 2, Buna/Carbon-Ceramic, 175 psig (6 bar) max. suction pressure  
Temp. range: -20 to 225 °F (-29 to 107 °C).

**Standard Seal Construction, 300 PSIG (20 Bar) working pressure, 250# ANSI flanges.**

- ☐ ☐ Standard: Crane Type 2, Buna/Carbon-Ceramic, 180 psig (12 bar) max. suction pressure  
Temp. range: -20 to 225°F (-29 to 107 °C).
- ☐ ☐ Optional: Crane Type 2, EPR/Carbon-Tungsten, 240 psig (16 bar) max. suction pressure  
Temp. range: -20 to 250 °F (-29 to 121 °C).

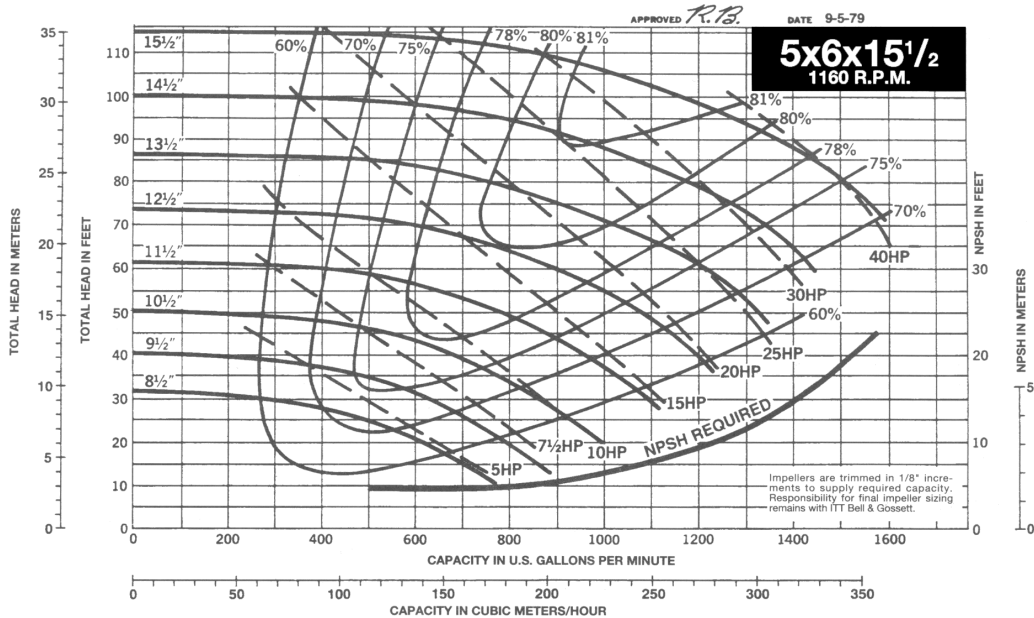
**Stuffing Box Construction, 175 PSIG (12 Bar) working press., 125# ANSI flanges. External flush to seal.**

- ☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 175 psig (12 bar) max. suction  
pressure, Temp. range: -20 to 300 °F\* (-29 to 149 °C).
- ☐ Optional: -PF Configuration  
Packing (Non-Asbestos)

**Stuffing Box Construction, 300 PSIG (20 Bar) working press., 250# ANSI flanges. External flush to seal.**

- ☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 300 PSIG (20 Bar) max. suction  
pressure, Temp. range: -20 to 300 °F\* (-29 to 149 °C).

\*For operating temperatures above 250°F, a cooled flush is required. On closed systems, cooling is accomplished by inserting the brazed place heat exchanger kit in the flush line to cool the fluid.



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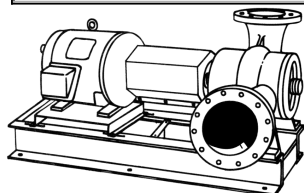
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## 5x6x15-1/2 VSCS Centrifugal Pumps Base Mounted - Double suction

### SPECIFICATIONS

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

APPROX. WEIGHT \_\_\_\_\_

SPECIALS \_\_\_\_\_

### MATERIALS OF CONSTRUCTION

☒ BRONZE FITTED

### FEATURES

- ☒ ANSI/OSHA Coupling Guard
- ☒ Center Drop Out Spacer Coupling
- ☒ Fabricated Heavy Duty Baseplate

### TYPE OF SEAL

**Standard Seal Construction, 175 PSIG (12 Bar) working pressure, 125# ANSI flanges.**  
std. flush(-F)

- ☐ ☐ Standard: Crane Type 21, Buna/Carbon-Ceramic, 90 psig (6 bar) max. suction pressure  
Temp. range: -20 to 225°F (-29 to 107 °C).
- ☐ ☐ Optional: Crane Type 21, EPR/Carbon-Tungsten 90 psig (6 bar) max. suction pressure,  
Temp. range: -20 to 250 °F (-29 to 121 °C).
- ☐ ☐ Optional: Crane Type 2, Buna/Carbon-Ceramic, 175 psig (6 bar) max. suction pressure  
Temp. range: -20 to 225 °F (-29 to 107 °C).

**Standard Seal Construction, 300 PSIG (20 Bar) working pressure, 250# ANSI flanges.**

- ☐ ☐ Standard: Crane Type 2, Buna/Carbon-Ceramic, 180 psig (12 bar) max. suction pressure  
Temp. range: -20 to 225°F (-29 to 107 °C).
- ☐ ☐ Optional: Crane Type 2, EPR/Carbon-Tungsten, 240 psig (16 bar) max. suction pressure  
Temp. range: -20 to 250 °F (-29 to 121 °C).

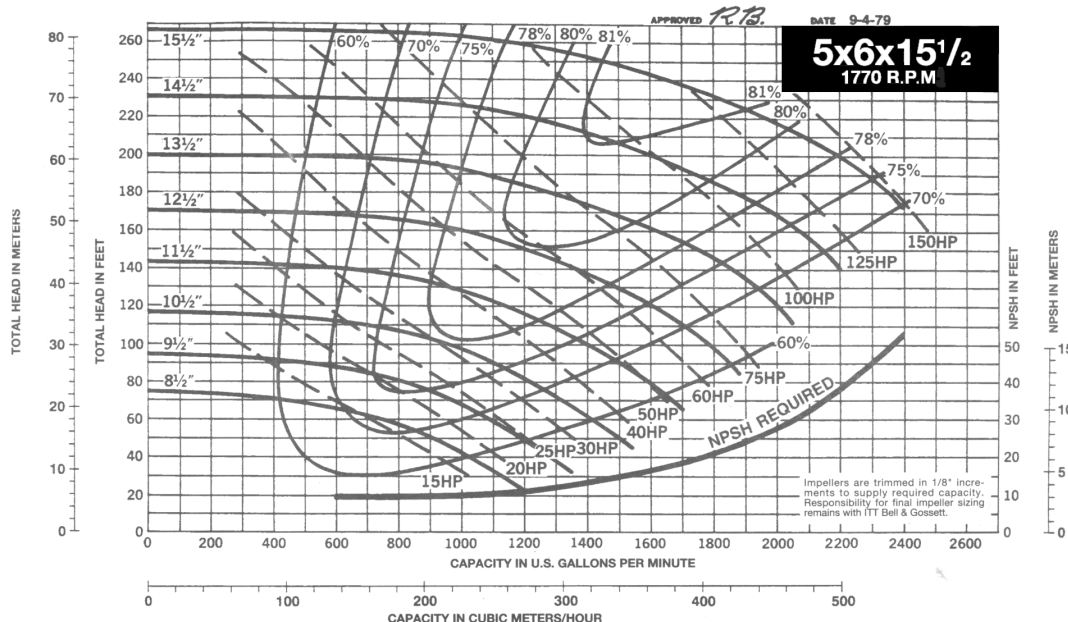
**Stuffing Box Construction, 175 PSIG (12 Bar) working press., 125# ANSI flanges. External flush to seal.**

- ☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 175 psig (12 bar) max. suction  
pressure, Temp. range: -20 to 300 °F\* (-29 to 149 °C).
- ☐ Optional: -PF Configuration  
Packing (Non-Asbestos)

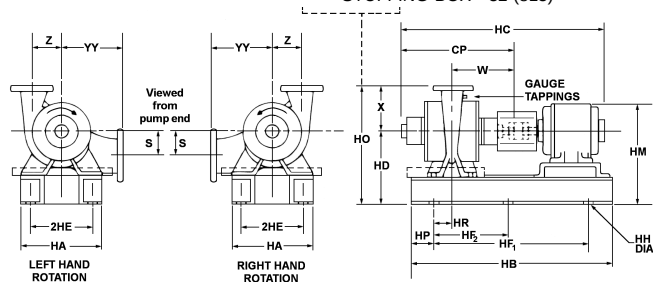
**Stuffing Box Construction, 300 PSIG (20 Bar) working press., 250# ANSI flanges. External flush to seal.**

- ☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 300 PSIG (20 Bar) max. suction  
pressure, Temp. range: -20 to 300 °F\* (-29 to 149 °C).

\*For operating temperatures above 250°F, a cooled flush is required. On closed systems, cooling is accomplished by inserting the brazed place heat exchanger kit in the flush line to cool the fluid.



REMOVAL CLEARANCE - STANDARD MECH. SEAL - 24 (610)  
- STUFFING BOX - 32 (813)



| FLANGE DIMENSIONS IN INCHES (MM) |          |             |              |
|----------------------------------|----------|-------------|--------------|
|                                  | SIZE     | THICKNESS   | O.D.         |
| Discharge                        | 5" (127) | 1-3/8 (35)  | 10-3/4 (273) |
| Suction                          | 6" (152) | 1-7/16 (37) | 12-1/8 (308) |

RIGHT HAND ROTATION IS FURNISHED UNLESS OTHERWISE SPECIFIED.

NOTE: EPDM COUPLINGS ARE STANDARD ON PUMPS WITH MOTOR FRAME SIZES THRU 324T.

**DIMENSIONS – Inches (mm)**

### STANDARD SEAL VSCS, VSCS-F

| MOTOR FRAME | DIMENSIONS - INCHES (MM) |             |                  |                  |             |                 |                  |                 |               |                 |             |            |                |                 |                 |             |                 |                 |
|-------------|--------------------------|-------------|------------------|------------------|-------------|-----------------|------------------|-----------------|---------------|-----------------|-------------|------------|----------------|-----------------|-----------------|-------------|-----------------|-----------------|
|             | CP                       | HA          | HB               | HC MAX.          | HD          | 2 HE            | HF <sub>1</sub>  | HF <sub>2</sub> | HH            | HM MAX.         | HO          | HP         | HR             | S               | W               | X           | YY              | Z               |
| 254T        | 23-15/16<br>(608)        | 26<br>(660) | 53-3/4<br>(1365) | 53-1/8<br>(1349) | 17<br>(432) | 23-1/2<br>(597) | 41-7/8<br>(1064) | 20-7/8<br>(530) | 1<br>(25)     | 23-7/8<br>(606) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 13-1/2<br>(343) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 256T        | 23-15/16<br>(608)        | 26<br>(660) | 53-3/4<br>(1365) | 54-7/8<br>(1394) | 17<br>(432) | 23-1/2<br>(597) | 41-7/8<br>(1064) | 20-7/8<br>(530) | 1<br>(25)     | 23-7/8<br>(606) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 13-1/2<br>(343) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 284T        | 23-15/16<br>(608)        | 26<br>(660) | 53-3/4<br>(1365) | 55-1/2<br>(1410) | 17<br>(432) | 23-1/2<br>(597) | 41-7/8<br>(1064) | 20-7/8<br>(530) | 1<br>(25)     | 25<br>(635)     | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 13-1/2<br>(343) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 286T        | 23-15/16<br>(608)        | 26<br>(660) | 53-3/4<br>(1365) | 57<br>(1448)     | 17<br>(432) | 23-1/2<br>(597) | 41-7/8<br>(1064) | 20-7/8<br>(530) | 1<br>(25)     | 25<br>(635)     | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 13-1/2<br>(343) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 324T        | 23-15/16<br>(608)        | 26<br>(660) | 53-3/4<br>(1365) | 59-1/8<br>(1502) | 17<br>(432) | 23-1/2<br>(597) | 41-7/8<br>(1064) | 20-7/8<br>(530) | 1<br>(25)     | 26-1/8<br>(664) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 13-1/2<br>(343) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 326T        | 23-15/16<br>(608)        | 26<br>(660) | 53-3/4<br>(1365) | 60-5/8<br>(1540) | 17<br>(432) | 23-1/2<br>(597) | 41-7/8<br>(1064) | 20-7/8<br>(530) | 1<br>(25)     | 26-1/8<br>(664) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 13-1/2<br>(343) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 364TS       | 23-15/16<br>(608)        | 26<br>(660) | 53-3/4<br>(1365) | 60-5/8<br>(1540) | 17<br>(432) | 23-1/2<br>(597) | 41-7/8<br>(1064) | 20-7/8<br>(530) | 1<br>(25)     | 27-1/4<br>(692) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 13-1/2<br>(343) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 365TS       | 23-15/16<br>(608)        | 26<br>(660) | 53-3/4<br>(1365) | 61-3/8<br>(1559) | 17<br>(432) | 23-1/2<br>(597) | 41-7/8<br>(1064) | 20-7/8<br>(530) | 1<br>(25)     | 27-1/4<br>(692) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 13-1/2<br>(343) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 404TS       | 23-15/16<br>(608)        | 26<br>(660) | 59-1/4<br>(1505) | 63-5/8<br>(1616) | 17<br>(432) | 23-1/2<br>(597) | 47-1/4<br>(1200) | 23-5/8<br>(600) | 1<br>(25)     | 28-7/8<br>(733) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 13-1/2<br>(343) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 405TS       | 23-15/16<br>(608)        | 26<br>(660) | 59-1/4<br>(1505) | 65-1/8<br>(1654) | 17<br>(432) | 23-1/2<br>(597) | 47-1/4<br>(1200) | 23-5/8<br>(600) | 1<br>(25)     | 28-7/8<br>(733) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 13-1/2<br>(343) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 444TS       | 23-15/16<br>(608)        | 32<br>(813) | 71<br>(1803)     | 69-1/2<br>(1765) | 20<br>(508) | 29-1/2<br>(749) | 59<br>(1499)     | 29-1/2<br>(749) | 1-1/8<br>(29) | 32-1/2<br>(826) | 33<br>(838) | 6<br>(152) | 6-1/4<br>(159) | 4-9/16<br>(116) | 13-1/2<br>(343) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |

### STUFFING BOX VSCS-PF, VSCS-S, VSCS-D

| MOTOR<br>FRAME | DIMENSIONS - INCHES (MM) |             |                  |                  |             |                 |                  |                 |               |                 |             |            |                |                 |                  |             |                 |                 |
|----------------|--------------------------|-------------|------------------|------------------|-------------|-----------------|------------------|-----------------|---------------|-----------------|-------------|------------|----------------|-----------------|------------------|-------------|-----------------|-----------------|
|                | CP                       | HA          | HB               | HC<br>MAX.       | HD          | 2 HE            | HF1              | HF2             | HH            | HM<br>MAX.      | HO          | HP         | HR             | S               | W                | X           | YY              | Z               |
| 254T           | 31-9/16<br>(802)         | 26<br>(660) | 53-3/4<br>(1365) | 60-3/4<br>(1543) | 17<br>(432) | 23-1/2<br>(597) | 41-7/8<br>(1064) | 20-7/8<br>(530) | 1<br>(25)     | 23-7/8<br>(606) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 17-5/16<br>(440) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 256T           | 31-9/16<br>(802)         | 26<br>(660) | 53-3/4<br>(1365) | 62-1/2<br>(1588) | 17<br>(432) | 23-1/2<br>(597) | 41-7/8<br>(1064) | 20-7/8<br>(530) | 1<br>(25)     | 23-7/8<br>(606) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 17-5/16<br>(440) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 284T           | 31-9/16<br>(802)         | 26<br>(660) | 59-1/4<br>(1505) | 63-1/8<br>(1603) | 17<br>(432) | 23-1/2<br>(597) | 47-1/4<br>(1200) | 23-5/8<br>(600) | 1<br>(25)     | 25<br>(635)     | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 17-5/16<br>(440) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 286T           | 31-9/16<br>(802)         | 26<br>(660) | 59-1/4<br>(1505) | 64-5/8<br>(1641) | 17<br>(432) | 23-1/2<br>(597) | 47-1/4<br>(1200) | 23-5/8<br>(600) | 1<br>(25)     | 25<br>(635)     | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 17-5/16<br>(440) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 324T           | 31-9/16<br>(802)         | 26<br>(660) | 59-1/4<br>(1505) | 66-3/4<br>(1695) | 17<br>(432) | 23-1/2<br>(597) | 47-1/4<br>(1200) | 23-5/8<br>(600) | 1<br>(25)     | 26-1/8<br>(664) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 17-5/16<br>(440) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 326T           | 31-9/16<br>(802)         | 26<br>(660) | 59-1/4<br>(1505) | 68-1/4<br>(1734) | 17<br>(432) | 23-1/2<br>(597) | 47-1/4<br>(1200) | 23-5/8<br>(600) | 1<br>(25)     | 26-1/8<br>(664) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 17-5/16<br>(440) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 364TS          | 31-9/16<br>(802)         | 26<br>(660) | 59-1/4<br>(1505) | 68-1/4<br>(1734) | 17<br>(432) | 23-1/2<br>(597) | 47-1/4<br>(1200) | 23-5/8<br>(600) | 1<br>(25)     | 27-1/4<br>(692) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 17-5/16<br>(440) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 365TS          | 31-9/16<br>(802)         | 26<br>(660) | 59-1/4<br>(1505) | 69<br>(1753)     | 17<br>(432) | 23-1/2<br>(597) | 47-1/4<br>(1200) | 23-5/8<br>(600) | 1<br>(25)     | 27-1/4<br>(692) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 17-5/16<br>(440) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 404TS          | 31-9/16<br>(802)         | 26<br>(660) | 59-1/4<br>(1505) | 71-1/4<br>(1810) | 17<br>(432) | 23-1/2<br>(597) | 47-1/4<br>(1200) | 23-5/8<br>(600) | 1<br>(25)     | 28-7/8<br>(733) | 30<br>(762) | 6<br>(152) | 3<br>(76)      | 4-9/16<br>(116) | 17-5/16<br>(440) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 405TS          | 31-9/16<br>(802)         | 32<br>(813) | 71<br>(1803)     | 72-3/4<br>(1848) | 20<br>(508) | 29-1/2<br>(749) | 59<br>(1499)     | 29-1/2<br>(749) | 1-1/8<br>(29) | 31-7/8<br>(810) | 33<br>(838) | 6<br>(152) | 6-1/4<br>(159) | 4-9/16<br>(116) | 17-5/16<br>(440) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |
| 444TS          | 31-9/16<br>(802)         | 32<br>(813) | 71<br>(1803)     | 77-1/8<br>(1959) | 20<br>(508) | 29-1/2<br>(749) | 59<br>(1499)     | 29-1/2<br>(749) | 1-1/8<br>(29) | 32-1/2<br>(826) | 33<br>(838) | 6<br>(152) | 6-1/4<br>(159) | 4-9/16<br>(116) | 17-5/16<br>(440) | 13<br>(330) | 17-3/4<br>(451) | 10-1/2<br>(267) |

Dimensions are subject to change. Not to be used for construction purposes unless certified.

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Let's Solve Water

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