



**TRANE®**

# Engineering Bulletin

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Product	<b>ChillerSource</b>
Model	<b>000</b>
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Ordering No. **CHS-EB-2**

## ChillerSource<sup>SM</sup> Temporary Cooling – Pumps

### Scope

This bulletin covers the pump curves and information sheets for each pump size available to rent to meet temporary cooling solutions.

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### General Information

ChillerSource offers a wide variety of pumps to lease for Trane’s customers temporary cooling needs. The pumps used were designed not to exceed 150 psi due to flexible hose and chiller limitations. Care should be taken to not exceed 150 psi in any application using ChillerSource equipment without prior approval.

System Pump(s) are typically designed for a specific head and gpm. It is desirable to use the system pump(s) if possible and use ChillerSource temporary pump(s) as booster pump(s).

All pumps come complete on forklift compatible bases, fused disconnects and inlet and discharge valves. These pumps are not set up for variable frequency drives. Every effort has been taken to have the particular horsepower pump be able to cover a wide range of operating conditions since temporary cooling jobs often present many unknowns. It is crucial that the temporary cooling solution designer take every precaution to ensure they understand the pumping needs of the job so the correct pump is initially ordered.

The following information is provided as a quick reference for each of ChillerSource’s pumps to aid in determining which pump is needed to meet the job requirements. If the application is sensitive please call ChillerSource marketing for assistance in selecting a specific pumping system.

*All pumps should be installed per the National Electric Code (NEC) and/or applicable local codes.*

Since The Trane Company has a policy of continuous product improvement, it reserves the right to change design and specifications without notice.

The following diagram designates the significance of the assigned equipment numbers:

<u>CSP</u>	<u>A</u>	<u>0025</u>	<u>A</u>	<u>0</u>	<u>AA</u>
1,2,3	4	5,6,7,8	9	10	11,12

**Digits 1-3 - ChillerSource Pump**

**Digit 4 – Vendor**  
 A = Allis Chalmers  
 B = Bell & Gossett  
 C = Armstrong

**Digits 5-8 – Horsepower**

0003 = 3 HP  
 0005 = 5 HP  
 0007 = 7.5 HP  
 0010 = 10 HP  
 0015 = 15 HP  
 0025 = 25 HP  
 0030 = 30 HP  
 0040 = 40 HP  
 0060 = 60 HP  
 0125 = 125 HP

**Digit 9 – Voltage**

A = 200/60/3  
 F = 460/60/3

**Digit 10 –**

0 = Close Coupled  
 1 = Horizontal Split Case

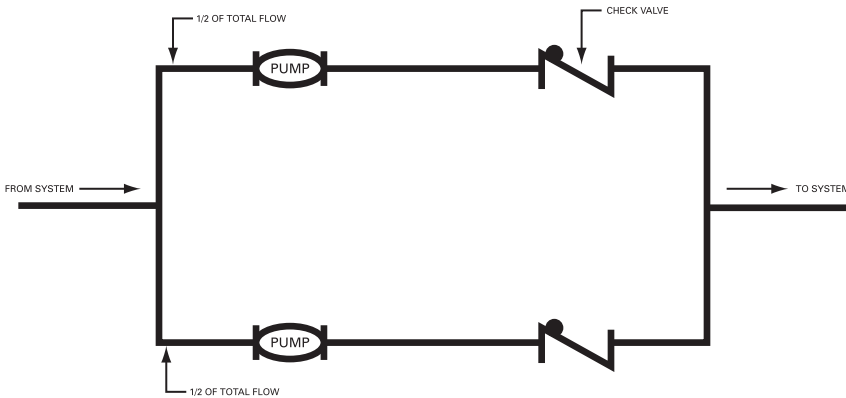
**Digits 11-12 –**

AA = Incremental Designator

**Parallel and Series Pump Application**

As an increase to versatility the pumps may be placed in parallel or series. All installations of pumps in parallel or series will be with identical pumps.

Placing the pumps in parallel will effectively double the pumping volume while the head remains unchanged. Below is a typical installation diagram

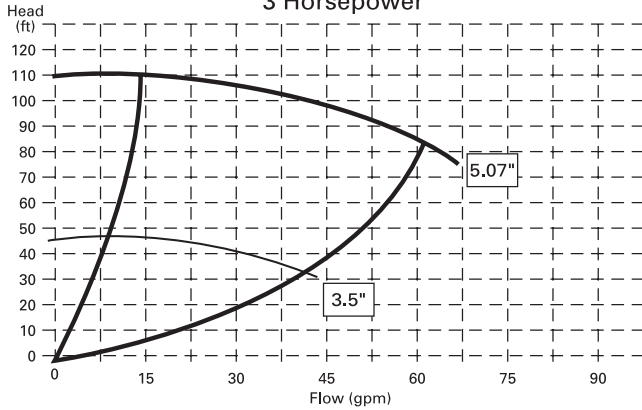


Placing the pumps in series will effectively double the pumping head while the volume remains unchanged. Below is a typical installation diagram



# ARMSTRONG

3 Horsepower



## PUMP DATA

### CSPC0003F0\_\_

#### PUMP DATA:

MODEL NUMBER: 4270  
 TYPE: Close Coupled  
 SIZE: 1.5x1.25x5.5  
 IMPELLER DIA: 5.076"  
 SUCTION SIZE: 2.5" Victaulic  
 DISCHARGE SIZE: 2.5" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 3  
 RPM: 3600  
 VOLTAGE: 460  
 AMPERAGE: 3.8

#### PERFORMANCE DATA:

MIN: 14.3 gpm @ 109.9 ft  
 MAX: 59.4 gpm @ 82.3 ft

#### STARTER DATA:

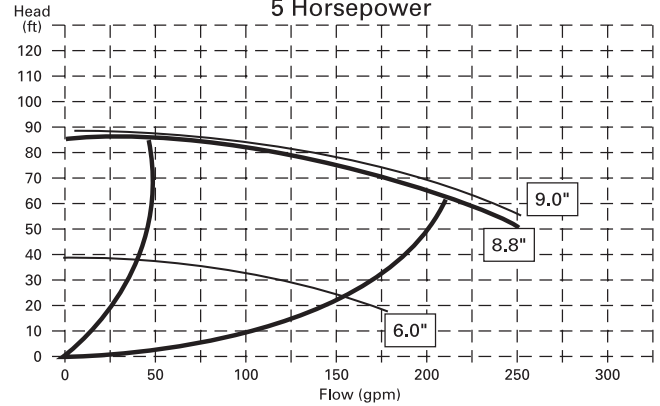
VOLTAGE: 460  
 FUSE SIZE: TRS 6R  
 LUG SIZE: #14 - 10  
 STARTER SIZE: 0  
 AUX CONTACTS: Yes #14-1/0  
 CONTROL XFRMR: NO

#### PHYSICAL DIMENSIONS:

HEIGHT: 2' - 7"  
 WIDTH: 3' - 0"  
 LENGTH: 2' - 0"  
 WEIGHT: 220 lbs

# ALLIS CHALMERS

5 Horsepower



## PUMP DATA

### CSPA0005F0\_\_

#### PUMP DATA:

MODEL NUMBER: 600  
 TYPE: Close Coupled  
 SIZE: 3x2x9  
 IMPELLER DIA: 8.8"  
 SUCTION SIZE: 2.5" Victaulic  
 DISCHARGE SIZE: 2.5" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 5  
 RPM: 1745  
 VOLTAGE: 460  
 AMPERAGE: 6.8

#### PERFORMANCE DATA:

MIN: 48.9 gpm @ 84 ft  
 MAX: 203.8 gpm @ 62 ft

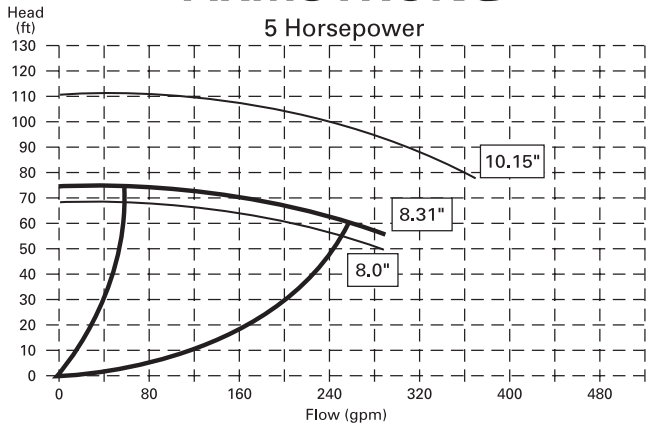
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 10  
 LUG SIZE: #14 - 8  
 STARTER SIZE: 0  
 AUX CONTACTS: Yes #14-1/0  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 3' - 6"  
 WIDTH: 3' - 2"  
 LENGTH: 3' - 6"  
 WEIGHT: 375 lbs

# ARMSTRONG



## PUMP DATA

### CSPC0005F0\_\_

#### PUMP DATA:

MODEL NUMBER: 4280  
 TYPE: Close Coupled  
 SIZE: 3x2x10  
 IMPELLER DIA: 8.313"  
 SUCTION SIZE: 2.5" Victaulic  
 DISCHARGE SIZE: 2.5" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 5  
 RPM: 3600  
 VOLTAGE: 460  
 AMPERAGE: 7.6

#### PERFORMANCE DATA:

MIN: 58.0 gpm @ 73.8 ft  
 MAX: 241.6 gpm @ 57.2 ft

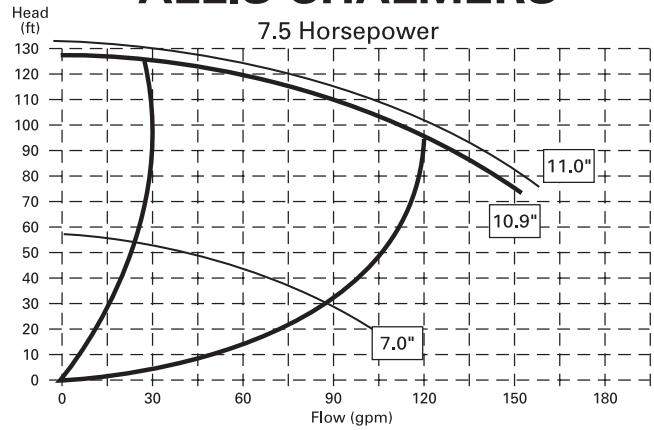
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 10  
 LUG SIZE: #14 - 8  
 STARTER SIZE: 0  
 AUX CONTACTS: Yes #14-1/0  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 3' - 6"  
 WIDTH: 3' - 2"  
 LENGTH: 3' - 6"  
 WEIGHT: 378 lbs

# ALLIS CHALMERS



## PUMP DATA

### CSPA0007F0\_\_

#### PUMP DATA:

MODEL NUMBER: 600  
 TYPE: Close Coupled  
 SIZE: 3x2x11  
 IMPELLER DIA: 10.9"  
 SUCTION SIZE: 2.5" Victaulic  
 DISCHARGE SIZE: 2.5" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 7.5  
 RPM: 745  
 VOLTAGE: 460  
 AMPERAGE: 10.3

#### PERFORMANCE DATA:

MIN: 28.8 gpm @ 124.5 ft  
 MAX: 120 gpm @ 97.5 ft

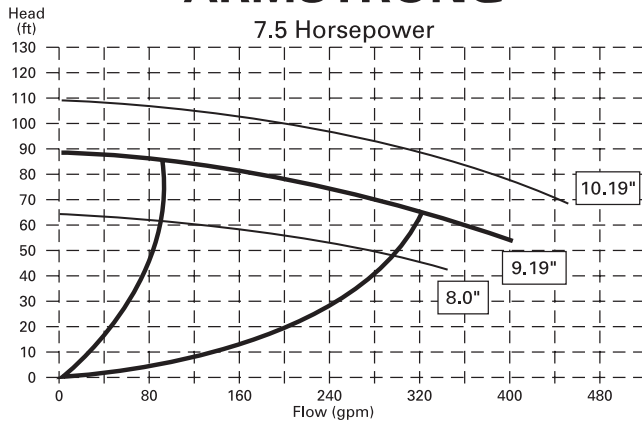
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 15  
 LUG SIZE: #14 - 8  
 STARTER SIZE: 1  
 AUX CONTACTS: Yes #14-1/0  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 3' - 6"  
 WIDTH: 3' - 2"  
 LENGTH: 3' - 6"  
 WEIGHT: 600 lbs

# ARMSTRONG



## PUMP DATA

### CSPC0007F0\_\_

#### PUMP DATA:

MODEL NUMBER: 4280  
 TYPE: Close Coupled  
 SIZE: 3x2.5x10  
 IMPELLER DIA: 9.195"  
 SUCTION SIZE: 4" Victaulic  
 DISCHARGE SIZE: 4" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 7.5  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 10.3

#### PERFORMANCE DATA:

MIN: 83.2 gpm @ 85.9 ft  
 MAX: 320 gpm @ 67.6 ft

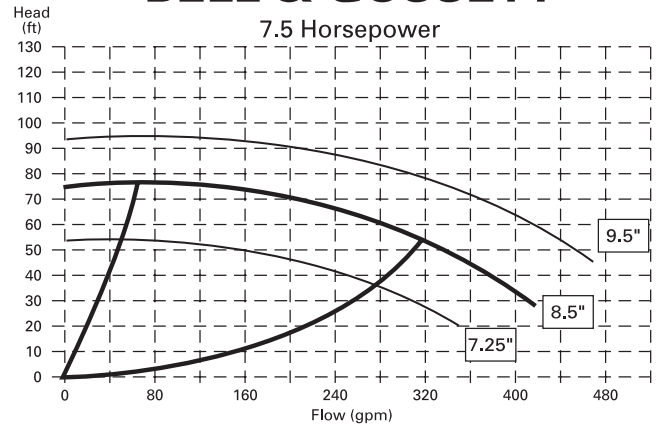
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 15  
 LUG SIZE: #14 - 8  
 STARTER SIZE: 1  
 AUX CONTACTS: Yes #14-1/0  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 3' - 7"  
 WIDTH: 3' - 2"  
 LENGTH: 3' - 5"  
 WEIGHT: 610 lbs

# BELL & GOSSETT



## PUMP DATA

### CSPB0007F0\_\_

#### PUMP DATA:

MODEL NUMBER: 1531  
 TYPE: Close Coupled  
 SIZE: 2.5BB  
 IMPELLER DIA: 8.5"  
 SUCTION SIZE: 4" Victaulic  
 DISCHARGE SIZE: 4" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 7.5  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 10.3

#### PERFORMANCE DATA:

MIN: 76.5 gpm @ 75 ft  
 MAX: 318.8 gpm @ 55 ft

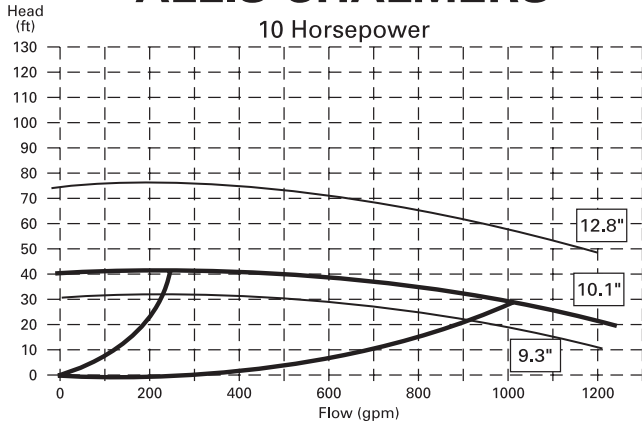
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 15  
 LUG SIZE: #14 - 8  
 STARTER SIZE: 1  
 AUX CONTACTS: Yes #14-1/0  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 3' - 3"  
 WIDTH: 3' - 0"  
 LENGTH: 3' - 5"  
 WEIGHT: 600 lbs

# ALLIS CHALMERS



## PUMP DATA

### CSPA0010F1\_\_

#### PUMP DATA:

MODEL NUMBER: 150  
 TYPE: Horizontal Split Case  
 SIZE: 8x6x12L  
 IMPELLER DIA: 10.1"  
 SUCTION SIZE: 4" Victaulic  
 DISCHARGE SIZE: 4" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 10  
 RPM: 1170  
 VOLTAGE: 460  
 AMPERAGE: 14.2

#### PERFORMANCE DATA:

MIN: 240 gpm @ 42 ft  
 MAX: 1000 gpm @ 29 ft

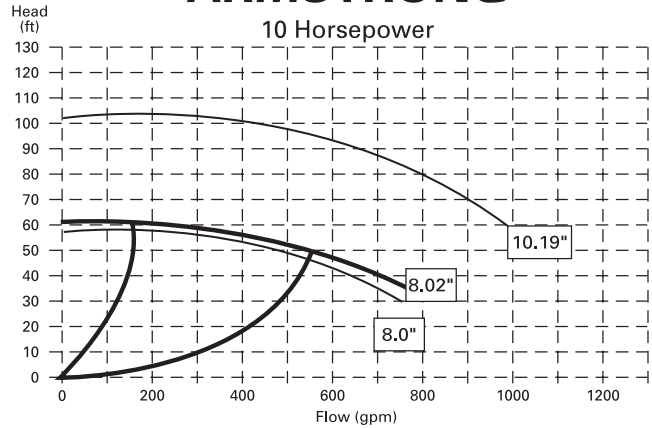
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 20  
 LUG SIZE: #14 - 8  
 STARTER SIZE: 1  
 AUX CONTACTS: Yes #14-1/0  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 3' - 5"  
 WIDTH: 5' - 0"  
 LENGTH: 5' - 2"  
 WEIGHT: 1450 lbs

# ARMSTRONG



## PUMP DATA

### CSPC0010F0\_\_

#### PUMP DATA:

MODEL NUMBER: 4280  
 TYPE: Close Coupled  
 SIZE: 5x4x10  
 IMPELLER DIA: 8.2"  
 SUCTION SIZE: 4" Victaulic  
 DISCHARGE SIZE: 4" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 10  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 13.6

#### PERFORMANCE DATA:

MIN: 165 gpm @ 61.3 ft  
 MAX: 560 gpm @ 50.9 ft

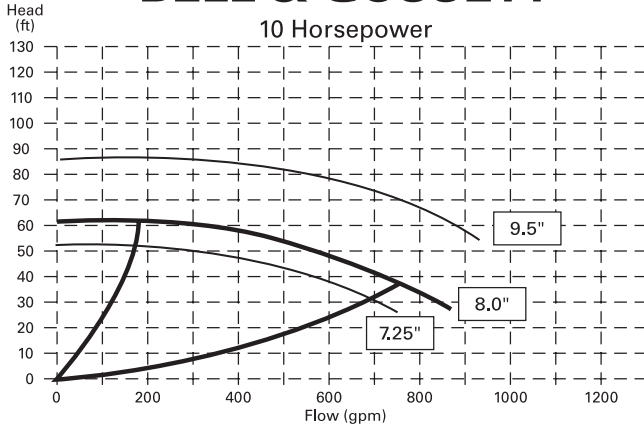
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 20  
 LUG SIZE: #14 - 8  
 STARTER SIZE: 1  
 AUX CONTACTS: Yes #14-1/0  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 3' - 6"  
 WIDTH: 3' - 4"  
 LENGTH: 3' - 5"  
 WEIGHT: 775 lbs

# BELL & GOSSETT



## PUMP DATA

### CSPB0010F0\_\_

#### PUMP DATA:

MODEL NUMBER: 1531  
 TYPE: Close Coupled  
 SIZE: 4BC  
 IMPELLER DIA: 8"  
 SUCTION SIZE: 4" Victaulic  
 DISCHARGE SIZE: 4" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 10  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 13.6

#### PERFORMANCE DATA:

MIN: 180 gpm @ 61 ft  
 MAX: 750 gpm @ 38 ft

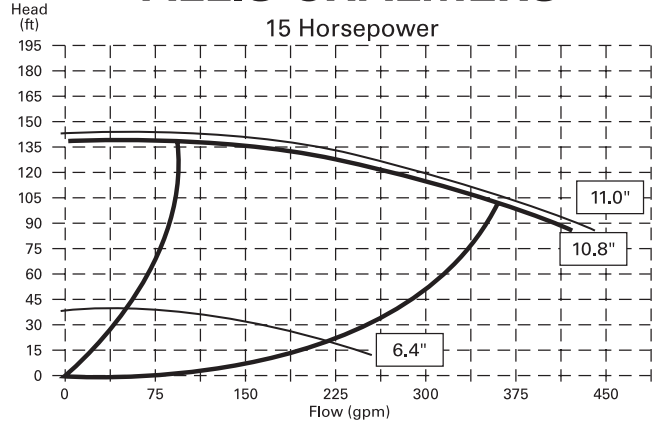
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 20  
 LUG SIZE: #14 - 8  
 STARTER SIZE: 1  
 AUX CONTACTS: Yes #14-1/0  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 3' - 6"  
 WIDTH: 3' - 5"  
 LENGTH: 3' - 6"  
 WEIGHT: 765 lbs

# ALLIS CHALMERS



## PUMP DATA

### CSPA0015F0\_\_

#### PUMP DATA:

MODEL NUMBER: 600  
 TYPE: Close Coupled  
 SIZE: 4x3x11  
 IMPELLER DIA: 10.8"  
 SUCTION SIZE: 4" Victaulic  
 DISCHARGE SIZE: 4" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 15  
 RPM: 1745  
 VOLTAGE: 460  
 AMPERAGE: 19.6

#### PERFORMANCE DATA:

MIN: 87.9 gpm @ 135 ft  
 MAX: 366.3 gpm @ 100 ft

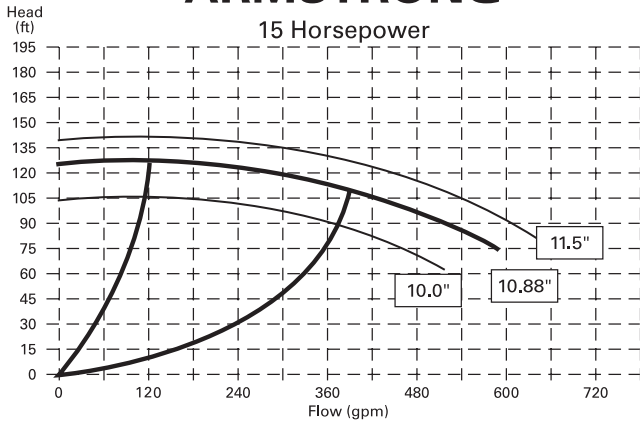
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 35  
 LUG SIZE: #14 - 8  
 STARTER SIZE: 2  
 AUX CONTACTS: Yes #14-1/0  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 3' - 7"  
 WIDTH: 3' - 6"  
 LENGTH: 3' - 8"  
 WEIGHT: 840 lbs

# ARMSTRONG



## PUMP DATA

### CSPC0015F0\_\_

#### PUMP DATA:

MODEL NUMBER: 4280  
 TYPE: Close Coupled  
 SIZE: 4x3x11.5  
 IMPELLER DIA: 10.876"  
 SUCTION SIZE: 4" Victaulic  
 DISCHARGE SIZE: 4" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 15  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 19.6

#### PERFORMANCE DATA:

MIN: 119.1 gpm @ 125.4 ft  
 MAX: 370 gpm @ 112.7 ft

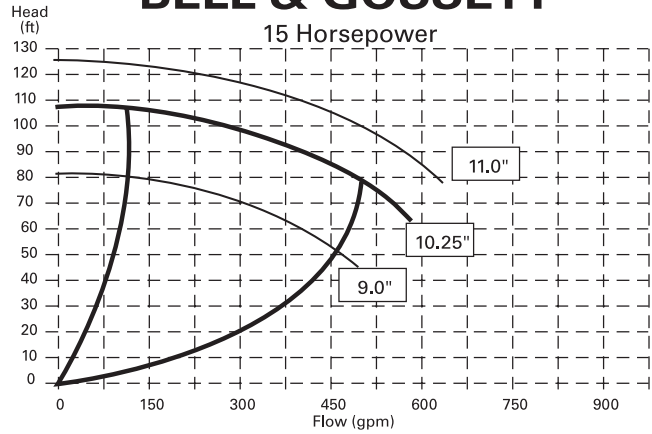
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 50  
 LUG SIZE: #12 - 6  
 STARTER SIZE: 2  
 AUX CONTACTS: Yes #14-1/0  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 3' - 7"  
 WIDTH: 3' - 0"  
 LENGTH: 3' - 7"  
 WEIGHT: 850 lbs

# BELL & GOSSETT



## PUMP DATA

### CSPB0015F0\_\_

#### PUMP DATA:

MODEL NUMBER: 1531  
 TYPE: Close Coupled  
 SIZE: 3E  
 IMPELLER DIA: 10.25"  
 SUCTION SIZE: 4" Victaulic  
 DISCHARGE SIZE: 4" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 15  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 19.6

#### PERFORMANCE DATA:

MIN: 124.5 gpm @ 106 ft  
 MAX: 518.8 gpm @ 77 ft

#### STARTER DATA:

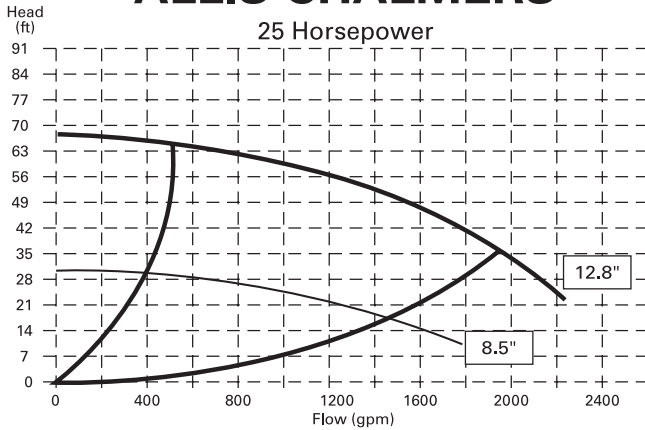
VOLTAGE: 460  
 FUSE SIZE: 30  
 LUG SIZE: #12 - 8  
 STARTER SIZE: 2  
 AUX CONTACTS: Yes #14-1/0  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 3' - 1"  
 WIDTH: 3' - 2"  
 LENGTH: 4' - 0"  
 WEIGHT: 835 lbs



# ALLIS CHALMERS



## PUMP DATA

### CSPA0025F1\_\_

#### PUMP DATA:

MODEL NUMBER: 150  
 TYPE: Horizontal Split Case  
 SIZE: 8x8x12  
 IMPELLER DIA: 12.8"  
 SUCTION SIZE: 6" Victaulic  
 DISCHARGE SIZE: 6" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 25  
 RPM: 1170  
 VOLTAGE: 460  
 AMPERAGE: 32.1

#### PERFORMANCE DATA:

MIN: 460.5 gpm @ 66 ft  
 MAX: 1918.8 gpm @ 36 ft

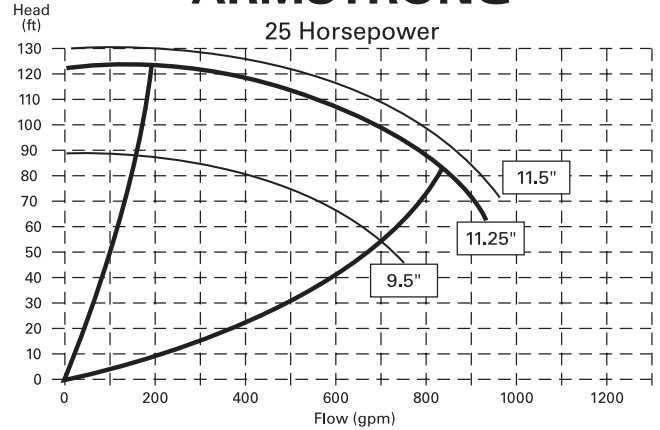
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 50  
 LUG SIZE: #12 - 8  
 STARTER SIZE: 2  
 AUX CONTACTS: Yes #14-1/0  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 3' - 6"  
 WIDTH: 6' - 6"  
 LENGTH: 6' - 4"  
 WEIGHT: 1700 lbs

# ARMSTRONG



## PUMP DATA

### CSPC0025F0\_\_

#### PUMP DATA:

MODEL NUMBER: 4280  
 TYPE: Close Coupled  
 SIZE: 5x4x11.5  
 IMPELLER DIA: 11.25"  
 SUCTION SIZE: 6" Victaulic  
 DISCHARGE SIZE: 6" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 25  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 34

#### PERFORMANCE DATA:

MIN: 193.8 gpm @ 124.3 ft  
 MAX: 808.1 gpm @ 85.6 ft

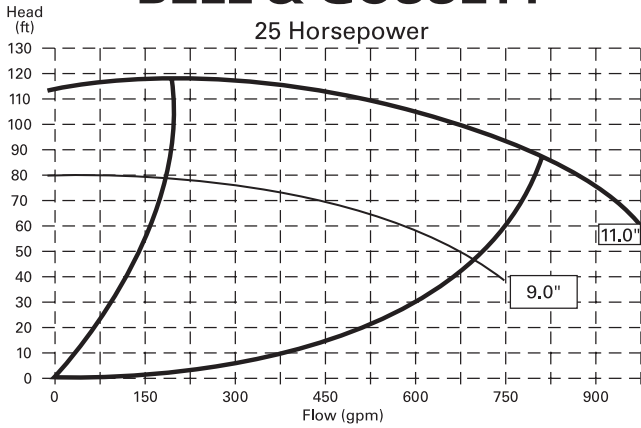
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 35  
 LUG SIZE: #14 - 2  
 STARTER SIZE: 2  
 AUX CONTACTS: YES (2)  
 CONTROL XFRMR: YES

#### PHYSICAL DIMENSIONS:

HEIGHT: 4' - 1"  
 WIDTH: 5' - 2"  
 LENGTH: 4' - 6"  
 WEIGHT: 1265 lbs

# BELL & GOSSETT



## PUMP DATA

### CSPB0025F0\_\_

#### PUMP DATA:

MODEL NUMBER: 1531  
 TYPE: Close Coupled  
 SIZE: 4E  
 IMPELLER DIA: 11"  
 SUCTION SIZE: 6" Victaulic  
 DISCHARGE SIZE: 6" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 25  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 31.5

#### PERFORMANCE DATA:

MIN: 195 gpm @ 118 ft  
 MAX: 812.5 gpm @ 85 ft

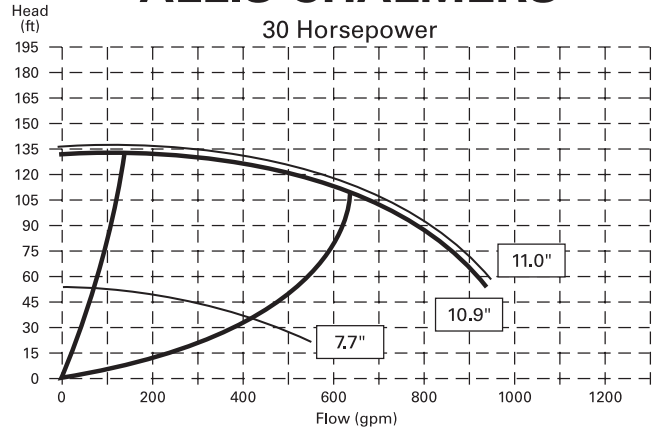
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 35  
 LUG SIZE: #14 - 2  
 STARTER SIZE: 2  
 AUX CONTACTS: Yes (1)  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 4' - 2"  
 WIDTH: 5' - 4"  
 LENGTH: 4' - 8"  
 WEIGHT: 1250 lbs

# ALLIS CHALMERS



## PUMP DATA

### CSPA0030F0\_\_

#### PUMP DATA:

MODEL NUMBER: 600  
 TYPE: Close Coupled  
 SIZE: 4x4x11  
 IMPELLER DIA: 11"  
 SUCTION SIZE: 6" Victaulic  
 DISCHARGE SIZE: 6" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 30  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 38.1

#### PERFORMANCE DATA:

MIN: 156 gpm @ 130 ft  
 MAX: 650 gpm @ 102 ft

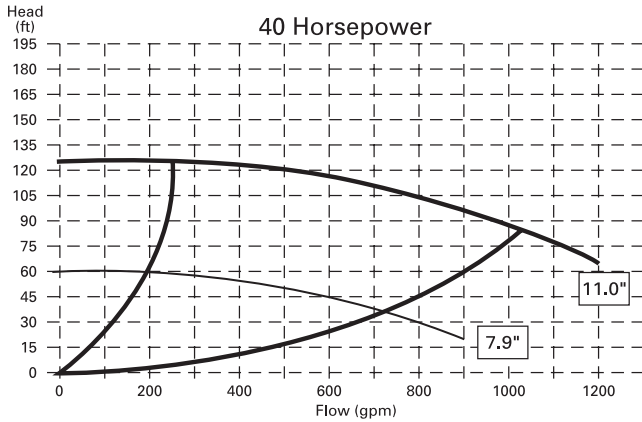
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 50  
 LUG SIZE: #14 - 2  
 STARTER SIZE: 3  
 AUX CONTACTS: Yes (1)  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 4' - 0"  
 WIDTH: 3' - 1"  
 LENGTH: 4' - 1"  
 WEIGHT: 1100 lbs

# ALLIS CHALMERS



## PUMP DATA

### CSPA0040F0\_ \_

#### PUMP DATA:

MODEL NUMBER: 600  
 TYPE: Close Coupled  
 SIZE: 6x6x11  
 IMPELLER DIA: 11"  
 SUCTION SIZE: 6" Victaulic  
 DISCHARGE SIZE: 6" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 40  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 47

#### PERFORMANCE DATA:

MIN: 249 gpm @ 126.5 ft  
 MAX: 1037.5 gpm @ 85 ft

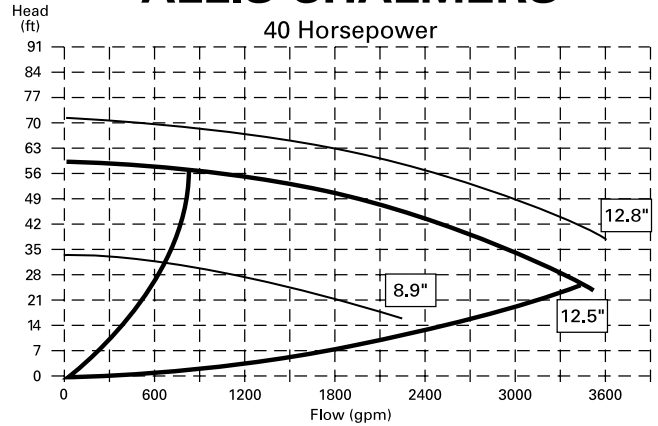
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 75  
 LUG SIZE: #14 - 2  
 STARTER SIZE: 4  
 AUX CONTACTS: Yes (1)  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 3' - 5"  
 WIDTH: 3' - 9"  
 LENGTH: 4' - 3"  
 WEIGHT: 1600 lbs

# ALLIS CHALMERS



## PUMP DATA

### CSPA0040F1\_ \_

#### PUMP DATA:

MODEL NUMBER: 150  
 TYPE: Horizontal Split Case  
 SIZE: 12x10x12  
 IMPELLER DIA: 11.6"  
 SUCTION SIZE: 6" Victaulic  
 DISCHARGE SIZE: 6" Victaulic

#### MOTOR DATA:

TYPE: ODP  
 HORSEPOWER: 40  
 RPM: 1200  
 VOLTAGE: 460  
 AMPERAGE: 52

#### PERFORMANCE DATA:

MIN: 800 gpm @ 56 ft  
 MAX: 3350 gpm @ 26 ft

#### STARTER DATA:

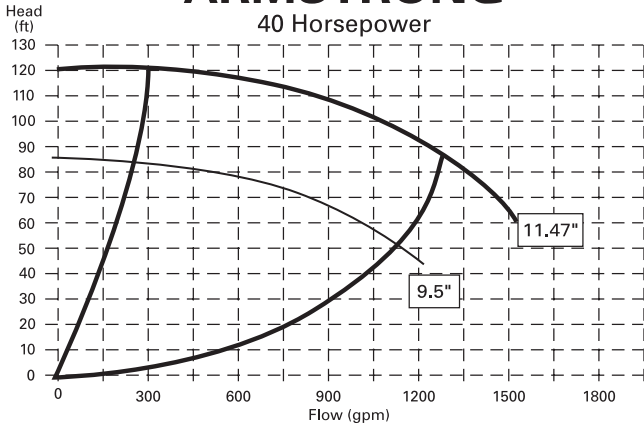
VOLTAGE: 460  
 FUSE SIZE: 70  
 LUG SIZE: #12 - 2  
 STARTER SIZE: 3  
 AUX CONTACTS: Yes (1)  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 3' - 3"  
 WIDTH: 7' - 3"  
 LENGTH: 7' - 1"  
 WEIGHT: 2000 lbs

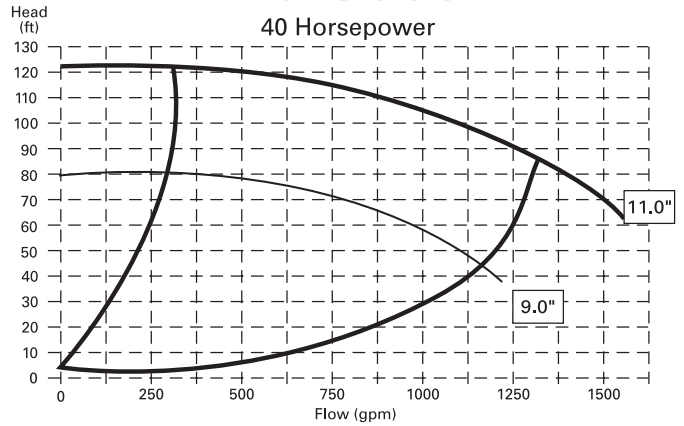
# ARMSTRONG

40 Horsepower



# BELL & GOSSETT

40 Horsepower



## PUMP DATA

### CSPC0040F0\_\_

**PUMP DATA:**

MODEL NUMBER: 4280  
 TYPE: Close Coupled  
 SIZE: 6x5x11.5  
 IMPELLER DIA: 11.47"  
 SUCTION SIZE: 6" Victaulic  
 DISCHARGE SIZE: 6" Victaulic

**MOTOR DATA:**

TYPE: TEFC  
 HORSEPOWER: 40  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 50

**PERFORMANCE DATA:**

MIN: 300.9 gpm @ 122.8 ft  
 MAX: 1253.6 gpm @ 87.1 ft

**STARTER DATA:**

VOLTAGE: 460  
 FUSE SIZE: 60  
 LUG SIZE: #8 - 1/0  
 STARTER SIZE: 4  
 AUX CONTACTS: Yes (1)  
 CONTROL XFRMR: Yes

**PHYSICAL DIMENSIONS:**

HEIGHT: 3' - 10"  
 WIDTH: 3' - 11"  
 LENGTH: 5' - 0"  
 WEIGHT: 1610 lbs

## PUMP DATA

### CSPB0040F0\_\_

**PUMP DATA:**

MODEL NUMBER: 1531  
 TYPE: Close Coupled  
 SIZE: 5E  
 IMPELLER DIA: 11"  
 SUCTION SIZE: 6" Victaulic  
 DISCHARGE SIZE: 6" Victaulic

**MOTOR DATA:**

TYPE: TEFC  
 HORSEPOWER: 40  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 47

**PERFORMANCE DATA:**

MIN: 312 gpm @ 122 ft  
 MAX: 1300 gpm @ 85 ft

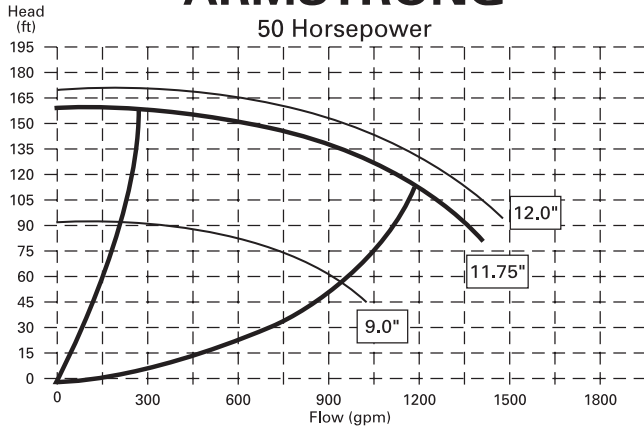
**STARTER DATA:**

VOLTAGE: 460  
 FUSE SIZE: 60  
 LUG SIZE: #12 - 2  
 STARTER SIZE: 4  
 AUX CONTACTS: Yes (1)  
 CONTROL XFRMR: Yes

**PHYSICAL DIMENSIONS:**

HEIGHT: 3' - 6"  
 WIDTH: 3' - 5"  
 LENGTH: 5' - 0"  
 WEIGHT: 1600 lbs

# ARMSTRONG



## PUMP DATA

### MOUNTED IN RTAA 400 AIR COOLED CHILLERS ONLY

#### PUMP DATA:

MODEL NUMBER: 4600  
 TYPE: Horizontal Split Case  
 SIZE: 6x5x12  
 IMPELLER DIA: 11.75"  
 SUCTION SIZE: 6" Victaulic  
 DISCHARGE SIZE: 6" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 50  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 62

#### PERFORMANCE DATA:

MIN: 280.9 gpm @ 162.1 ft  
 MAX: 1170.5 gpm @ 117.9 ft

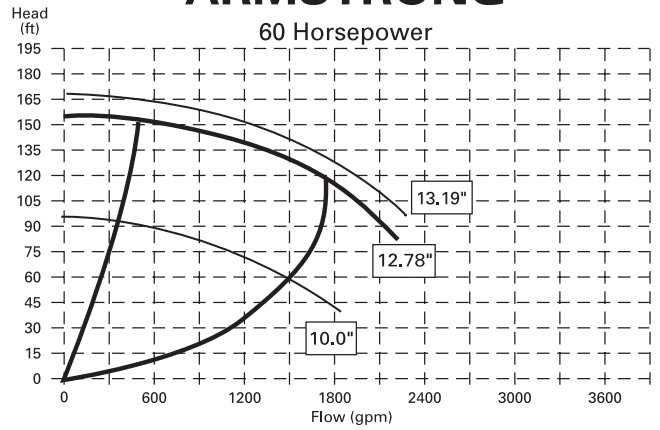
#### STARTER DATA:

VOLTAGE: 460  
 FUSE SIZE: 90  
 LUG SIZE: #8 - 1/0  
 STARTER SIZE: 3  
 AUX CONTACTS: Yes (1)  
 CONTROL XFRMR: No

#### PHYSICAL DIMENSIONS:

HEIGHT: N/A  
 WIDTH: N/A  
 LENGTH: N/A  
 WEIGHT: N/A

# ARMSTRONG



## PUMP DATA

### CSPC0060F0\_\_

#### PUMP DATA:

MODEL NUMBER: 4030  
 TYPE: Close Coupled  
 SIZE: 8x6x13  
 IMPELLER DIA: 12.77"  
 SUCTION SIZE: 10" Victaulic  
 DISCHARGE SIZE: 10" Victaulic

#### MOTOR DATA:

TYPE: TEFC  
 HORSEPOWER: 60  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 72

#### PERFORMANCE DATA:

MIN: 484.1 gpm @ 157 ft  
 MAX: 1650 gpm @ 117.2 ft

#### STARTER DATA:

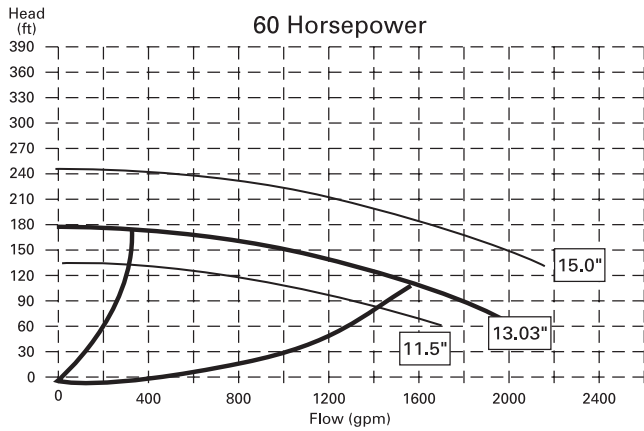
VOLTAGE: 460  
 FUSE SIZE: 110  
 LUG SIZE: 4/0  
 STARTER SIZE: 3  
 AUX CONTACTS: Yes  
 CONTROL XFRMR: Yes

#### PHYSICAL DIMENSIONS:

HEIGHT: 4' - 4"  
 WIDTH: 5' - 6"  
 LENGTH: 6' - 0"  
 WEIGHT: 2375 lbs

# ARMSTRONG

60 Horsepower



## PUMP DATA

### CSPC0060F1\_\_

**PUMP DATA:**

MODEL NUMBER: 4600  
 TYPE: Horizontal Split Case  
 SIZE: 6x5x15L  
 IMPELLER DIA: 13.02"  
 SUCTION SIZE: 6" Victaulic  
 DISCHARGE SIZE: 6" Victaulic

**MOTOR DATA:**

TYPE: TEFC  
 HORSEPOWER: 60  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 72

**PERFORMANCE DATA:**

MIN: 370.8 gpm @ 178.2 ft  
 MAX: 1544.9 gpm @ 116.6 ft

**STARTER DATA:**

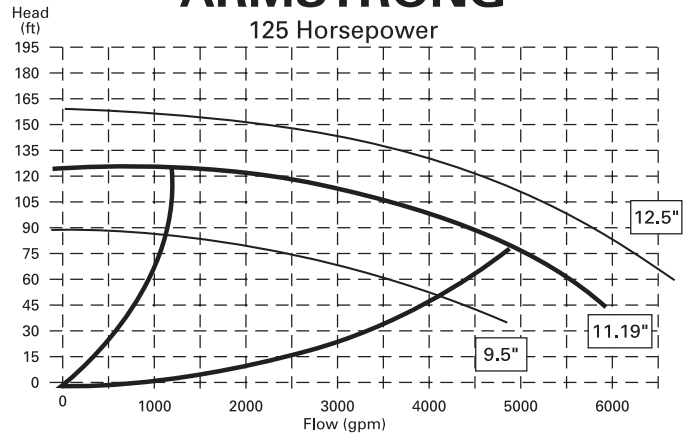
VOLTAGE: 460  
 FUSE SIZE: 100  
 LUG SIZE: #8 - 1/0  
 STARTER SIZE: 3  
 AUX CONTACTS: Yes  
 CONTROL XFRMR: No

**PHYSICAL DIMENSIONS:**

HEIGHT: 5' - 4"  
 WIDTH: 5' - 7"  
 LENGTH: 5' - 3"  
 WEIGHT: 3400 lbs

# ARMSTRONG

125 Horsepower



## PUMP DATA

### CSPC0125F1\_\_

**PUMP DATA:**

MODEL NUMBER: 4600  
 TYPE: Horizontal Split Case  
 SIZE: 12x10x12.5  
 IMPELLER DIA: 11.2"  
 SUCTION SIZE: 10" Victaulic  
 DISCHARGE SIZE: 10" Victaulic

**MOTOR DATA:**

TYPE: TEFC  
 HORSEPOWER: 125  
 RPM: 1800  
 VOLTAGE: 460  
 AMPERAGE: 147

**PERFORMANCE DATA:**

MIN: 1172.3 gpm @ 123.4 ft  
 MAX: 4884.4 gpm @ 75.9 ft

**STARTER DATA:**

VOLTAGE: 460  
 FUSE SIZE: 200  
 LUG SIZE: 3/0  
 STARTER SIZE: 5  
 AUX CONTACTS: Yes  
 CONTROL XFRMR: No

**PHYSICAL DIMENSIONS:**

HEIGHT: 5' - 4"  
 WIDTH: 7' - 4"  
 LENGTH: 6' - 7"  
 WEIGHT: 4300 lbs



