



## Signature Series **TEFC** **FARM DUTY/AGRICULTURE**

**115, 208 & 230 VOLTS • 1-PHASE**  
**FOOT MOUNT • OVERLOAD PROTECTION**  
**1/3 TO 10 HP**

Two designs to choose from: High Torque (HT) and Extra High Torque (EHT)

- Fully gasketed construction and shaft slingers for operation in dirty environments
- Manual reset thermal protector
- Condensate drains
- Continuous duty

### Applications:

#### High Torque – HT

Feeders, conveyors, fans, compressors, spray washers, grinders, elevators, pumps and other demanding agricultural applications that require high starting torque.

#### Extra High Torque – EHT

Silo unloaders, barn cleaners, bunk feeders, conveyors, and other machinery requiring extra high starting torque in demanding farm duty environments. Motors have 300% and greater starting torque.



### HIGH TORQUE - HT

HP	SYN RPM	Frame	SF	Volts	Model Number	Product Number	Notes	Approx Shpg Wght (lbs)
1/3	1800	56	1.15	115/208-230	SRF4S0.33T1C6028AP7TP1	<b>LM24789</b>	ML	24
1/2	1800	56	1.15	115/208-230	SRF4S0.5T1C6028AP7TP1	<b>LM24790</b>	ML	25
3/4	1800	56	1.15	115/208-230	SRF4S0.75T1C6028AP7TP1	<b>LM24791</b>	ML	30
1	1800	56	1.15	115/208-230	SRF4S1T1C6028AP7TP1	<b>LM24792</b>	ML	32
	1800	143T	1.15	115/208-230	SSF4S1T1C6028AP7TP1	<b>LM24793</b>	ML	35
1 1/2	1800	56H*	1.15	115/208-230	SRF4S1.5T1B6028AP7TP1	<b>LM24794</b>	ML	41
	1800	145T	1.15	115/208-230	SSF4S1.5T1B6028AP7TP1	<b>LM24795</b>	ML	42
2	1800	182T	1.15	115/230	SS182F4S2T1C6027AP7TP1	<b>LM24796</b>	ML	64
3	1800	184T	1.15	230	SS184F4S3T1C66AP7TP1	<b>LM24797</b>	ML	92
5	1800	184T	1.15	230	SSF4S5T1B66AP7TP1	<b>LM24798</b>	ML	90
7 1/2	1800	215T	1.15	230	SS215F4S7.5T1B66AP7TP1	<b>LM24799</b>	ML	130

### EXTRA HIGH TORQUE - EHT

HP	SYN RPM	Frame	SF	Volts	Model Number	Product Number	Notes	Approx Shpg Wght (lbs)
2	1800	182TZ	1.15	115/230	SS182F4S2TZ1C6027AP8TP1-1	<b>LM24800</b>	ML	67
3	1800	184T	1.15	230	SS184F4S3T1C66AP8TP1	<b>LM24801</b>	ML	85
5	1800	184T	1.15	208-230	SSF4S5T1B6008AP8TP1	<b>LM24802</b>	ML	125
	1800	213TZ	1.15	230	SS213F4S5TZ1B66AP8TP1-1	<b>LM24803</b>	ML	126
7 1/2	1800	215TZ	1.15	230	SS215F4S7.5TZ1B66AP8TP1-1	<b>LM24804</b>	ML	125
10	1800	215T	1.00	230	SSF4S10T1B66AP8TP1	<b>LM24805</b>	ML	150

\*56H, 143T and 145T Combination Base with 12 mounting holes.  
ML = Manual Overload Protection

Product numbers in red are **STOCK** items.

*Signature Series* **AGRICULTURE FAN**  
 115/230 VOLTS • 1-PHASE  
 FOOT MOUNT, BELT DRIVE • OVERLOAD PROTECTION  
 1/2 TO 1 HP



**Features:**

- Capacitor start/capacitor run design for higher efficiency and reduced current draw
- Ball bearings
- Continuous duty
- Fully gasketed

**Applications:**

Designed for demanding agricultural belt drive fan applications such as poultry house fans and barn exhaust fans. The 1 HP model is totally enclosed, air over and must be mounted in the airstream for proper cooling.



HP	SYN RPM	Frame	SF	Volts	Model Number	Product Number	Notes	Approx Shpg Wght (lbs)
1/2	1800	56Z	1.00	115/230	SRN4S0.5TZ1B6027TP2-1	LM24776	AT	21
1	1800	56Z	1.00	115/230	SRA4S1TZ1B6027TP2-1	LM24777	AT	32

AT = Automatic Overload Protection

*Signature Series* **AGRICULTURE FAN**  
 115/230 VOLTS • 1-PHASE, PSC VARIABLE SPEED  
 RESILIENT BASE-THRU BOLT • OVERLOAD PROTECTION  
 1/4 TO 1/2 HP



**Features:**

- TEAO, continuous duty
- Extended thru bolts
- 1/2" dia. x 2-1/2" long shaft with two flats, 90° apart
- Fully gasketed

**Applications:**

Designed for demanding agricultural fan applications such as poultry house and barn exhaust fans. Must be mounted in the airstream for proper cooling.



Variable speed capabilities when used with a single-phase speed control unit – NOT supplied by Lincoln. AP11 models are designed for lower temperature rise throughout a greater speed range.

HP	Speed (RPM)	Frame	SF	Volts	Model Number	Product Number	Notes	Approx Shpg Wght (lbs)
1/4	1625	48Z	1.00	115/230	SPA4S0.25TZRY1A6027AP11-1	LM24445	AT	20
	1625	48Z	1.00	115/230	SPA4S0.25TZRY1A6027AP10-1	LM24447	AT	17
	1075	48Z	1.00	115/230	SPA6S0.25TZRY1A6027AP10-1	LM24442	AT	14
1/3	1625	48Z	1.00	115/230	SPA4S0.33TZRY1A6027AP11-1	LM24450	AT	23
	1625	48Z	1.00	115/230	SPA4S0.33TZRY1A6027AP10-1	LM24448	AT	17
	1075	48Z	1.00	115/230	SPA6S0.33TZRY1A6027AP10-1	LM24443	AT	15
1/2	1625	48Z	1.00	115/230	SPA4S0.5TZRY1A6027AP11-1	LM24446	AT	23
	1625	48Z	1.00	115/230	SPA4S0.5TZRY1A6027AP10-1	LM24449	AT	21
	1075	48Z	1.00	115/230	SPA6S0.5TZRY1A6027AP10-1	LM24444	AT	19

AT = Automatic Overload Protection

Product numbers in red are STOCK items.



## Signature Series AGRICULTURE FAN

**115 VOLTS • 1-PHASE  
DIRECT DRIVE-THRU BOLT • OVERLOAD PROTECTION  
1/4 TO 1/3 HP**

### Features:

- Totally Enclosed
- 1/2" extended thru-bolts
- Shafts:
  - 48Y frame – 1/2" dia. x 1-1/2" long shaft with flat
  - 48YZ frame – 1/2" dia. x 2-1/2" long shaft with two flats, 90° apart
- Continuous duty
- Fully gasketed



### Applications:

Designed for demanding direct drive agricultural fan applications such as poultry house fans and barn exhaust fans.

Two speed designs must be mounted in airstream for proper cooling.

### SINGLE SPEED

HP	Speed (RPM)	Frame	SF	Volts	Model Number	Product Number	Notes	Approx Shpg Wght (lbs)
1/4	1725	48Y	1.00	115	SPN4S0.25TZNY1S6001TP1-1	<b>LM24488</b>	ML	10

### TWO SPEED

HP	Speed (RPM)	Frame	SF	Volts	Model Number	Product Number	Notes	Approx Shpg Wght (lbs)
1/4	1725/1140	48YZ	1.00	115	SPA4/6/1S0.25/0.25TZNY1S6001TP2-1	<b>LM24492</b>	AT	17
1/3	1725/1140	48YZ	1.00	115	SPA4/6/1S0.33/0.33TZNY1S6001TP2-1	<b>LM24491</b>	AT	18

AT = Automatic Overload Protection  
ML = Manual Overload Protection



## Signature Series AGRICULTURE FAN

**115 & 230 VOLTS • 1-PHASE  
RESILIENT BASE-THRU BOLT • OVERLOAD PROTECTION  
1/4 TO 1/2 HP**

### Features:

- Totally Enclosed, Air Over
- Extended thru-bolts on 48Z frame
- Shafts:
  - 48Z – 1/2" diameter x 2-1/2" long shaft with two flats
  - 56Z – 1/2" diameter x 2-1/2" long shaft with key
- Includes 5/8" dia. shaft adapter sleeve with key
- Continuous duty
- Fully gasketed



### Applications:

Designed for demanding agricultural fan applications such as poultry house fans and barn exhaust fans.

Motor must be mounted in airstream for proper cooling.

HP	SYN RPM	Frame	SF	Volts	Model Number	Product Number	Notes	Approx Shpg Wght (lbs)
1/4	1800	48Z	1.00	115	SPA4S0.25TZRY1S6001TP2-1	<b>LM24487</b>	AT	17
1/3	1800	48Z	1.00	115	SPA4S0.33TZRY1S6001TP2-1	<b>LM24486</b>	AT	21
1/2	1800	56Z	1.00	115/230	SRA4S0.5TZR1S6027TP2-1	<b>LM24809</b>	AT	24

AT = Automatic Overload Protection

Product numbers in red are STOCK items.

Signature Series

# AERATION FAN, HVAC

115 & 230 VOLTS • 1-PHASE  
FOOT MOUNT • OVERLOAD PROTECTION  
1 TO 3 HP



AC MOTORS

**Features:**

- Totally Enclosed, Air Over
- Capacitor start design provides high starting torque
- 18" leads for ease of connection
- Shaft has keyway and 1/4-20 UNC tapped hole
- Double sealed ball bearings for maintenance free operation.
- Warranty: 18 months from date of manufacture and 12 months from date of installation which ever period expires first.

**Applications:**

Direct drive vane axial fans. These TEAO motors must be mounted in airstream for proper cooling.

\*56H, 143T and 145T Combination Base with 12 mounting holes.

HP	SYN RPM	Frame	SF	Volts	Model Number	Product Number	Notes	Approx Shpg Wght (lbs)
1	3600	56Z	1.15	115/230	SRA2S1TZ1C6027L10MB6TP2-1	LM24786	AT	29
1 1/2	3600	143TZ*	1.15	115/230	SSA2S1.5TZ1C6027L10MB6TP2-1	LM24787	AT	35
3	3600	145TZ*	1.15	230	SS145A2S3TZ1B66L10MB6TP2-1	LM24788	AT	52

AT = Automatic Overload Protection

Signature Series

# AUGER DRIVE

115, 208 & 230 VOLTS • 1-PHASE  
N-FLANGE FOOTLESS • OVERLOAD PROTECTION  
1/3 TO 1-1/2 HP



**Features:**

- Totally Enclosed, Fan Cooled
- NEMA "N", two bolt flange mounting
- Shafts:  
3/4 HP & smaller - 1/2" dia. x 1-1/2" long with flat  
1 HP & larger - 5/8" dia. x 2" long with key
- Continuous duty
- Fully gasketed, side mounted terminal box
- Mechanical start switch protected from overspeeded auger drive
- Extended fan-end shaft with flats for manually jogging auger drive
- Warranty: 18 months from date of manufacture and 12 months from date of installation which ever period expires first.



**Applications:**

Replacement motors for poultry feed auger drive systems. Bolts to existing gearbox for easy installation.

HP	SYN RPM	Frame	SF	Volts	Model Number	Product Number	Notes	Approx Shpg Wght (lbs)
1/3	1800	48N	1.00	115/230	SPF4S0.33TADN1C6027TP1	LM24462	ML	23
1/2	1800	48N	1.00	115/230	SPF4S0.5TADN1C6027TP1	LM24463	ML	23
3/4	1800	56NZ	1.00	115/208-230	SRF4S0.75TZADN1C6028TP1-1	LM24812	ML	31
1	1800	56NZ	1.00	115/208-230	SRF4S1TZADN1C6028TP1-1	LM24813	ML	32
1 1/2	1800	56NZ	1.00	115/208-230	SRF4S1.5TZADN1C6028TP1-1	LM24814	ML	41

ML = Manual Overload Protection

Product numbers in red are STOCK items.



## Signature Series CROP DRYER

230 VOLTS • 1-PHASE & 208-220/440 VOLTS • 3-PHASE  
FOOT MOUNT • OVERLOAD PROTECTION  
3 TO 15 HP

### Features:

- Dripproof/Air Over, continuous duty
- Maintenance-free double sealed ball bearings
- Keyed shaft with 1/4-20 UNC tapped hole in end
- 40" long leads for ease of installation (1-phase)
- 30" long leads exit elbow connector (3-phase)
- Fully gasketed terminal box
- Special rotor balance for reduced vibration
- Epoxy coated rotor
- Warranty: 18 months from date of manufacture and 12 months from date of installation which ever period expires first.
- Frame mounted capacitors on LM24778-80.  
Capacitors shipped loose on LM24781-82.
- Extra nameplate included for remote mounting

### Applications:

Crop dryers with air over/fan on shaft designs.



### SINGLE PHASE

HP	SYN RPM	Frame	SF	Volts	Model Number	Product Number	Notes	Approx Shpg Wght (lbs)
3 - 4 1/2	3600	145TZ	1.00	230	SSD2S3-4.5TZ1B66QS10-1	LM24778	AT	46
5 - 7	3600	184TZ	1.00	230	SS184D2S5-7TZ1C66QS11-1	LM24779	TT	76
7 - 10	3600	184TZ	1.00	230	SSD2S7-10TZ1B66QS11-1	LM24780	TT	102
7 - 9	3600	184TZ	1.00	230	SSD2S7-9TZ1C66QS11-1	LM24781	TT	88
10 - 15	3600	215TZ	1.00	230	SS215D2S10-15TZ1C66QS11-1	LM24782	TT	135

### THREE PHASE

HP	SYN RPM	Frame	SF	Volts	Model Number	Product Number	Notes	Approx Shpg Wght (lbs)
5 - 7	3600	184TZ	1.00	208-220/440	SS184D2S5-7TZ6029QS12-1	LM24783	TT	70
7 - 10	3600	184TZ	1.00	208-220/440	SSD2S7-10TZ6029QS12-1	LM24784	TT	83
10 - 15	3600	215TZ	1.00	208-220/440	SS215D2S10-15TZ6029QS12-1	LM24785	TT	115

AT = Automatic Overload Protection  
TT = Thermostat Overload Protection



## Signature Series GRAIN STIRRING

115/208-230 VOLTS • 1-PHASE  
FOOT MOUNT  
1-1/2 HP

### Features:

- TEFC, continuous duty
- Maintenance-free double sealed ball bearings
- 7/8" diameter shaft
- Fully gasketed construction and fan/fan guard on shaft end keep grain dust out of motor
- Warranty: 18 months from date of manufacture and 12 months from date of installation which ever period expires first.

### Applications:

Grain stirring systems inside grain bins.



HP	SYN RPM	Frame	SF	Volts	Model Number	Product Number	Notes	Approx Shpg Wght (lbs)
1 1/2	1800	56HZ	1.15	115/208-230	SRF4S1.5TZ1B6028AP9-2	LM24521		47

Product numbers in red are STOCK items.