

SALES & ENGINEERING DATA

AMU27S045-X07XA0X

MAGNETIC DRIVE CENTRIFUGAL PUMP

RELEASED: 3-31-00
REVISED: 5-25-10
(REV. 02)
S-1158

DIMENSIONAL DATA

MODEL AMU27S045-X07XA0X

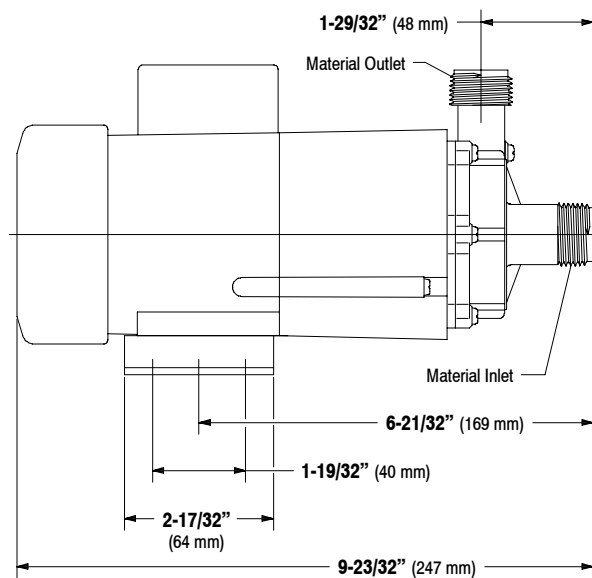
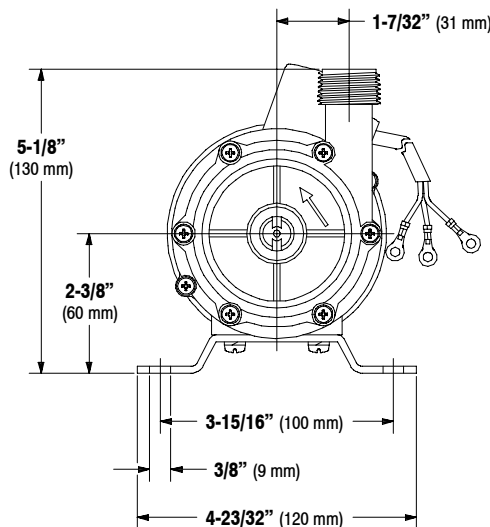


FIGURE 1

NOTE: Dimensions are shown in inches and (mm), supplied for reference only and are typically rounded up to the nearest 1/32 inch.

SPECIFICATIONS

Model Series	AMU27S045-X07XA0X
Pump Type	Magnetic drive, centrifugal pump
Power Supply	
AMU27S045-G07XA02	220 Vac
AMU27S045-T07XA01	110 Vac
Power Cord Length	47-1/4" (120 cm)
Insulation	E class
Rated Speed ^①	
AMU27S045-G07XA02	2700 r.p.m.
AMU27S045-T07XA01	3200 r.p.m.
Material Inlet	
AMU27S045-G07XA02	3/4 - 14 BSP
AMU27S045-T07XA01	3/4 - 14 N.P.T.
Material Outlet	
AMU27S045-G07XA02	3/4 - 14 BSP
AMU27S045-T07XA01	3/4 - 14 N.P.T.
Repair Kit	
AMU27S045-G07PA02	AMKU27S045-G07PA
AMU27S045-G07TA02	AMKU27S045-G07TA
AMU27S045-T07PA01	AMKU27S045-T07PA
AMU27S045-T07TA01	AMKU27S045-T07TA
Weight	5.7 lbs (2.6 kgs)

MATERIALS OF CONSTRUCTION

Front and Rear Casings

AMU27S045-X07PA0X	Glass Filled Polypropylene
AMU27S045-X07TA0X	E.T.F.E. (carbon filled)

Impeller

AMU27S045-X07PA0X	Glass Filled Polypropylene
AMU27S045-X07TA0X	E.T.F.E. (carbon filled)

Spindle Ceramic

Bearing Ceramic

Front Thrust Pad Rulon

"O" Ring Viton

Rear Thrust Pad

AMU27S045-X07PA0X	Polyphenylene Sulfide
AMU27S045-X07TA0X	PTFE

PERFORMANCE

Total Head

AMU27S045-G07XA02	11.5 feet (3.5 meters)
AMU27S045-T07XA01	16.4 feet (5 meters)

Maximum Flow

AMU27S045-G07XA02	7.9 g.p.m. (30 l.p.m.)
AMU27S045-T07XA01	9.8 g.p.m. (37 l.p.m.)

Maximum Liquid Temperature Limits

AMU27S045-X07PA0X	32 - 140° F (0 - 60° C)
AMU27S045-X07TA0X	32 - 194° F (0 - 90° C)

Noise Level 68 db(A)^②

① Speed data shown at 120 V / 60 Hz or 220 V / 50 Hz.

② Microphone located 3.3' (1 m) from the pump.

PERFORMANCE CURVES

