

## Applications:

Cold Storage - Blast Freezing - Production Cooling -  
Chilling - Recirculation - Liquid Pressure Amplification  
DX Free Cooling - DX Thermal Storage - Data Centres

## Fluid Gas Group 1 &amp; 2

R-11 R-12 R-22 R-114 R-123 R-124  
R-134a R-401a R-401b R-401c R-402a  
R-402b R-404a R-407a R-407b R-407c  
R-408a R-408b R-409a R-410a R-410b  
R-411a R-411b R-412a R-417a R-423a  
R-437a R-422a R-422b R-500 R-507a  
R-1234yf R-407f Honeywell ©  
R-744 (Carbon Dioxide)  
R-290 (Propane) Nh3 (Ammonia)

Mechanical Life (Wet End) 20+ Years

Mechanical Life Impeller 100,000+ continuous hours

Mechanical Endurance 300,000+ Cycles

Mechanical Life Motor 15+ years

## Connection Sizes:

Model 925-SS-075 - Stainless Inlet 2" Outlet 1"

Model 925-SS-075 - Copper Inlet 2-1/8" Outlet 1-1/8"

UL E192965 - United States & Canada

Manufactured to DIR 92/23/EC "CE" CAT A1

Audited by TUV / British Standards

7 Year Extended Warranty

doc/ref/925/2016 Revision Issue 1.3 /Updated January 2016



## Simple - Reliable - Versatile

## DATA SHEET MODEL 925

## • NOMINAL FLOW

50 Hz - 57 to 245 L/min

60 Hz - 15 to 70 US GPM

## • MAXIMUM HEAD

50 Hz - 18 Metres

60 Hz - 83 Feet

## • MOTOR POWER (TEFC) IP54

• 50 Hz - 0.880 kW at 245 L/min

0.567 kW at 57 Litres/Min

220/380-415V 3PH 5/2.8-2.5A

• 60 Hz - 1.84 HP at 70 US GPM

1.22 HP at 15 US GPM

208-230/460V 3PH 5.3-5/2.5A

## • ALLOWABLE PRESSURES

Model 925-CU PS Max 45 bar - 652 psig

Model 925-SS PS Max 75 bar - 1087 psig

## • ALLOWABLE TEMPERATURES

TS MAX +72°C (162F) TS MIN -40°C (-40F)

## • SHIPPING WEIGHT

38 Kg - 84 lb

LPA® MODEL 925  
FOR Co2 - HFO & HFC APPLICATIONS

Simple, reliable and versatile have been the hallmark of the LPA® brand of pumps for over 25 years.

Versatility is emphasised by the wide range of uses. Simplicity is highlighted by the "orbital" magnetic drive, leak proof design. Reliability is proven by a combined operating record of over 315 million hours in a full time refrigeration environment. Our latest range of self unloading Co2 LPA® pumps inherit the exceptional reliability of the LPA® range and covers a wide range of operating conditions from blast freezing to cold storage, process chilling to air conditioning,

supermarkets to data centres.

The LPA® pump is a semi-hermetically sealed unit with important design features; The impeller floats in a revolving magnetic field and is the only moving part. The magnetic flux is supplied by an external motor. Because the motor is external to the system, a burnout cannot contaminate the system.

Unlike conventional pumps, it has minimal moving parts and is extremely reliable. LPA® pumps have been known to perform without fault for over 20 years.

