

5 - KEYPAD OPERATION

INTRODUCTION

5.1 Introduction

The S4 AC drive is pre-programmed to run a standard, 4-pole AC induction motor. For many applications, the drive is ready for use right out of the box with no additional programming needed. The digital keypad controls all operations of the unit. The ten input keys allow “press and run” operation of the motor (Operation mode) and straightforward programming of the parameters (Program mode).

Jet Portable Precoolers use "rev" for run, in reverse. In other words, sucking from the front, and discharging out the rear. (Forward can be disabled in the parameters.) Note that if on first connecting to power, the prop rotates in the wrong direction, nothing is damaged if the air is blown out of the front. But you need to have a qualified electrician swap 2 of the 3 phases to change rotation to the proper direction. When viewed from the rear of the unit, proper rotation is clockwise.

Figure 20: The S4 Keypad



⌘ NOTE: To see operation of each button go to page 52.

5.1.1 Description of the LEDs on the Standard Keypad

The display window on the digital keypad has three LEDs. The LEDs provide information about the drive's operating condition as shown in the table below.

LED Name	State	Operating Condition
fwd	Steady-On	The drive is running the motor in forward
rev	Steady-On	The drive is running the motor in reverse
jog	Steady-On	The drive is in jog mode
stop reset	Flashing	The drive has detected a fault and has stopped the motor
	Steady-On	The drive has stopped operation