

BRISTOL COMPRESSORS

TO: Authorized Bristol Compressors - Wholesalers

DATE: August 20, 2001

SUBJECT: Bristol Approved Start Kits

Some Bristol Compressors' customers (Wholesalers & Distributors) are using, promoting the use of, or distributing non-approved universal type starting components, such as a PTCR device with a capacitor, a solid-state relay with a capacitor, an electronic timer with a relay and a capacitor, an electronic potential relay, or a current sensing device which may cause premature compressor failure.

Only the following start kits have been extensively tested and approved for use on Bristol compressors:

1. Potential relay and start capacitor three-wire combinations as listed in the Bristol Compressors' specifications; and
2. All Kickstart (trademarked) hard start devices as follow:

For use on all single-phase 230/208, 60 Hz compressors:

<u>Kickstart Model #</u>	<u>Start Capacitor (Type II)</u>	<u>Bristol Model Family</u>
KS8	108-130 mfd/250V	H*3B, H*4B, Scroll
TO-5	189-227 mfd/250V	H*3A, H*4A, H*3B, H*4B
KS1	270-324 mfd/330V	H*5B, H*6B, H*7B, H*9B
(Except for Scroll, TO-5 may be substituted for KS8)		H*5A, H*6A, H*7A, H*8A, H*9A

For use on new TS Technology (Twin-Single) compressors:

	<u>Start Capacitor (Type I Only)</u>	
KSTS216	216-243 mfd/330V	See model spec sheet for application
KSTS216LV	216-243 mfd/330V	
KSTS238	238-262 mfd/330V	
KSTS238LV	238-262 mfd/330V	
KSTS243	243-293 mfd/330V	
KSTS324	324-356 mfd/330V	

Use of any other start components or devices is not recommended and will void any warranty claims.