

5
minutes

programming time to
setup a pack controller
with wizards

Easy to use pack controller with wizard setup - AK-PC 551

- * Covers most commonly used HFC pack applications for commercial refrigeration
- * Fast and easy wizard setup
- * Robust control with optimised control algorithms and factory defaults
- * Energy saving features to reduce operating costs
- * Graphical, easy to use interface



AK-PC 551 pack controller for a wide range of commercial refrigeration applications

Compressor applications:

- Variable speed compressor
- Digital scroll
- 4 cylinder Stream
- Single step
- Multistep (unloading valves)

Application	Description
	Single step Single step compressors of same size
	Speed on lead Speed compressor of one size - Single step compressors of another size
	Digital scroll on lead Digital scroll of one size - Single step compressors of another size
	Stream 4 cylinder on lead 4 cylinder stream compressor of one size - Single step compressors of same size
	Multistep on lead Multistep compressor - Single step compressors of same size
	Multistep compressors Multistep compressors with same numbers of valves - Same size

Suction control:

- Control according to temperature or pressure
- Pump down on last compressor

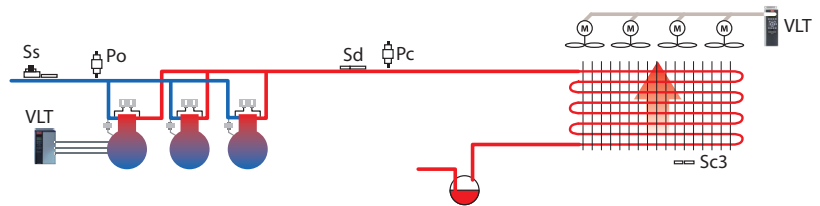
Condenser control:

- Control according to temperature or pressure
- Step control of fans
- Speed control of fans / EC motors

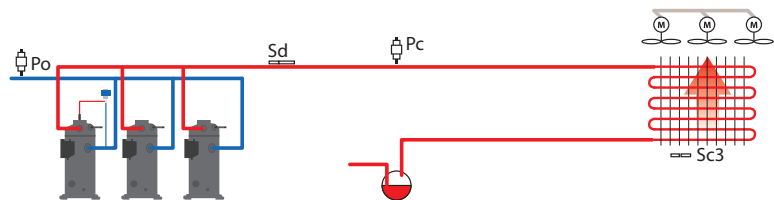
Energy saving features:

- ADAP-KOOL® integration
 - AK-SC 355, AK-SM 800
- Suction pressure optimisation
- Night setback
- Load shedding
- Floating condenser control
- Heat recovery set point via DI
- Night silence function

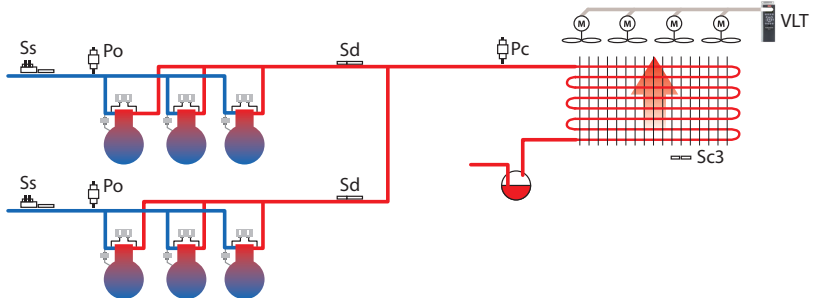
1 Suction max 8 compressors, variable speed on lead compressor and Condenser fans



1 Suction max 8 compressor and fan relays, digital scroll on lead compressor



2 Suction max 4+4 compressors, common condenser



Graphical user interface:

- Status screens for daily use and service
- Wizards for fast and easy setup
- Local language support
- Degree Celsius or Fahrenheit
- Bar(e) or PSIG



Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alternations can be made without subsequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.