

The HP250 is a spare part which is used to replace the following obsolete JTL product as a spare part:

**HP230
HP240**

The HP250 provides full functionality of the former products.

ELECTRICAL

Rewiring is necessary when replacing the obsolete HP230 & HP240 parts with the HP250.

HP250 TEMPERATURE INPUT CONVERSION

	HP250	HP230/HP240
HEAT EXCHANGE 1	27 28	17 18
HEAT EXCHANGE 2	25 26	15 16
DISCHARGE	23 24	

HP250 PRESSURE INPUT CONVERSION * (See NOTE 1)

	HP250	HP230/ HP240
HEAT EXCHANGE 1	19 20 (+)	27 28 (+)
HEAT EXCHANGE 2	17 18 (+)	25 26 (+)
DISCHARGE	15 16 (+)	23 24 (+)

NOTE 1: The pressure transducers are polarized ensure the polarity (+/-) is maintained correctly.

HP250 OUTPUT CONVERSION

		HP250/HP240	HP230
GAS COOLER (Stage 1)	LN	8	8
	LD	7	7
GAS COOLER (Stage 2) (See Note 2)	LN	11	11
	LD	9	9
GAS COOLER (Stage 3) (See Note 3)	LN	11	
	LD	10	
Cooler Fans	LN	8	
	LD	6	

NOTE 2: When Superheat Control is selected then stage 2 control is on terminals 5 (LN) & 4 (LD).

NOTE 3: When Superheat Control is NOT selected then stage 3 control is available

OTHER CONNECTIONS

No other wiring modifications are required.

DOCUMENTATION

Full documentation exists for the HP250 but if this is not available the HP230 & HP250 documents may be used in conjunction with the information above.

CONTROLLER SETUP

To ensure compatibility when replacing the original part with a HP250, action a factory default setting procedure (Item 9) before setting in the new data.

DOCUMENT INFORMATION FOR HP250

Doc 04083 Connection Diagram
Doc 04310 User Guide
Doc 04758 Installation Information