

## JOHNSON CONTROLS - Air Conditioning/Pressure Cutout Control

### P20 Series

#### Selection Chart



P20DB-1

#### DESCRIPTION

The P20 Series are field replacement high and low pressure controls for non-corrosive refrigerants. They include a dust-tight contact unit with quick connect connectors and a 36" capillary with the 1/4" sweat section. The set point is screwdriver adjustable.

#### FEATURES

- Accurate repeatability
- Compact size
- Trip-free manual reset

#### APPLICATIONS

- Air conditioning high/low pressure control
- Refrigeration high/low pressure control
- Head pressure control

#### SELECTION CHART

PART NO	Max. Temperature	Switch Action	Range psig (kPa)	Differential psi (kPa)	Factory Setting – psig (kPa)		Max Bellows Pressure psig (kPa)
					Opens	Closes	
P20BB-1C(a)	140°F	Open On Fall	7 to 150(48 to 1034)	Manual Reset	40(276)	Lockout	250(1724)
P20DB-1C(b)	140°F	Open On Rise	100 to 425(690 to 2930)	Manual Reset	400(2758)	Lockout	450(3103)
P20EB-1C(c)	140°F	SPDT	7 to 150(48 to 1034)	30 (172)Fixed	40(276)	70(448)	250(1724)
P20EB-2C(d)	140°F	SPDT	100 to 425(690 to 2930)	75 (483)Fixed	400(2758)	324(2275)	450(3103)

(a) Replaces Ranco G20-4412; Robertshaw 3126-216, 3160-212

(b) Replaces Ranco G23-5253; Robertshaw 3127-220, 3161-205; Honeywell P430X-1250, 1268, 1292, 1300

(c) Replaces Ranco G20-4050; Robertshaw 3126-116, 3160-012, 3160-014; Honeywell P431X-1092, 1100

(d) Replaces Ranco G23-5052; Robertshaw 3127-140, 3127-414, 3161-009; Honeywell P430X, 1235, 1243, 1276, 1284

#### Universal Replacement