

Overview

PHT valve consists of three interchangeable main components consisting of:

Thermodynamic temperature sensing element, Orifice assembly, with the connection of the body (including components)

Rated cooling capacity is based on evaporating temperature: $t_e = 5 \text{ CEL}$, condensation temperature: $t_c = + 32 \text{ CEL}$ and the valve before the liquid refrigerant temperature: $t_l = + 28 \text{ CEL}$

PHT, rated cooling capacity R22: 1890 kW / 540 TR

PHT type expansion valve refrigerant fluoride applied to large-scale refrigeration and air conditioning systems, liquid refrigerant into the evaporator through its.

PHT type expansion valve has two or braze welding flange connection.

PHT type expansion valve consists of three interchangeable components: thermal sensing element group, orifice assembly, with the valve connections (including internal assembly).

PYTZ, R407C, temperature sensing element: flare connection, external equilibrium pressure connection: (1/4 inch connection)

PHTN, R134a, thermodynamic temperature sensing element: flare connection, external equilibrium pressure connection: (1/4 inch connection)

PHTS, R404A / R507, temperature sensing element: flare connection, external equilibrium pressure connection: (1/4 inch connection)

PHTX, R22, temperature sensing element: flare connection, external equilibrium pressure connection: (1/4 inch connection)

1. Thermal element 2. Interchangeable orifice assembly 3. Body 4. superheat adjustment lever 5. External pressure equalization pipe fittings: 1 / 4in, 6mm bell 6. 7. pilot valve connecting the main valve insert 8 The main spring 9. The bottom plug 10. Teflon valve

1. The orifice assembly Model Product Code PHT 067B2790

2. The body, flange gaskets and flange screws

Nominal cooling capacity R22 nominal cooling capacity 1) 134a

Valve Model Orifice number N Series N Series A Series Product code

-40~+10CEL -40~+10CEL +10~+50CEL

TR kW TR kW TR kW

PHT85 1 30 105 16 55 20 69 026H1160

PHT85 2 50 175 26 92 33 114 026H1161

PHT85 3 80 280 39 138 52 182 026H1162

PHT85 4 130 455 59 208 72 273 026H1163

PHT125 1 225 790 125 438 156 545 026H1164

PHT300 1 325 1140 178 622 221 773 026H0165

PHT300 2 540 1890 309 1083 351 1227 026H0166

1) nominal cooling capacity based on:

N Series A Series

Evaporation temperature: the evaporation temperature special special 5 = + 5 CEL

Condensing temperature: $t_c = + 32 \text{ CEL}$ condensing temperature: $t_c = + 32 \text{ CEL}$

Overview

Expansion valve brazing refrigerant liquid temperature: $t_1 = + 28 \text{ CEL}$ expansion valve brazing
refrigerant liquid temperature: $t_1 = + 28 \text{ CEL}$

3. The heat sensing element (included accessory kit with screws) Range Product code refrigerant
3m 5m capillary Capillary

R22 067B3303 067B3304

R22,MOP100psig 067B3300 067B3306

R407C 067B3314 067B3341

-40~-10CEL R407C,MOP95psig 067B3311

R134a 067B3310 067B3315

R134a,MOP55psig 067B3316 067B3317

R404A/R507 067B3319

+10 ~50CEL R134a 067B3318

The flange group brazing flange welded flanges

Valve Type Flange Type

in product code inn mm Product Code Product Code

PHT85 2 1 027N1025

PHT85 2 1-1/8 027L1029 28 027L1028

PHT85 2 1-3/8 027L1035 35 027L1035

PHT125 3A 11/4 027N1032

PHT300 4A 11/2 027N1040

PHT300 4A 2 027N1050